0001111711-25-00000810-K NISOURCE INC. 20250212202502120645160645180645180 0 0001111711-25-000008 10-K 154 20241231 20250212 20250212 NISOURCE INC. 0001111711 4931 352108964 DE 1231 10-K 34 001-16189 25611878 801 EAST 86TH AVE MERRILLVILLE IN 46410-6272 2196475200 801 EAST 86TH AVE MERRILLVILLE IN 46410-6272 NISOURCE INC/DE 20001103 NEW NISOURCE INC 20000412 10-K 1 nix-20241231.htm 10-K nix-20241231000111711712024FYfalseP1Yhttp://fasb.org/us-gaap/2024#PublicUtilitiesPropertyPlantAndEquipmentNethttp://fasb.org/us-gaap/2024#PublicUtilitiesPropertyPlantAndEquipmentNethttp://www.nisource.com/20241231#DeferredChargesAndOtherhttp://www.nisource.com/20241231#DeferredChargesAndOtherhttp://fasb.org/us-gaap/2024#LongTermDebtAndCapitalLeaseObligationsCurrenthttp://fasb.org/us-gaap/2024#LongTermDebtAndCapitalLeaseObligationsCurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesCurrenthttp://fasb.org/us-gaap/2024#LongTermDebtAndCapitalLeaseObligationshttp://fasb.org/us-gaap/2024#LongTermDebtAndCapitalLeaseObligationshttp://fasb.org/us-gaap/2024#OtherLiabilitiesNoncurrenthttp://fasb.org/us-gaap/2024#OtherLiabilitiesNoncurrent210196iso4217:USDxbrli:sharesiso4217:USDxbrli:sharesxbrli:pureutr:Rateutr:MWnix:mMDthnix:Segment00011117112024-01-012024-12-310001111711us-gaap:CommonStockMember2024-01-012024-12-3100011117112024-06-3000011117112025-02-0500011117112023-01-012023-12-3100011117112022-01-012022-12-3100011117112024-12-3100011117112023-12-310001111711nix:ConsolidatedVariableInterestEntitiesMember2024-12-310001111711nix:ConsolidatedVariableInterestEntitiesMember2023-12-310001111711us-gaap:VariableInterestEntityPrimaryBeneficiaryMember2024-12-3100011117112022-12-3100011117112021-12-310001111711us-gaap:CommonStockMember2021-12-310001111711us-gaap:PreferredStockMember2021-12-310001111711us-gaap:TreasuryStockCommonMember2021-12-310001111711us-gaap:AdditionalPaidInCapitalMember2021-12-310001111711us-gaap:RetainedEarningsMember2021-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2021-12-310001111711us-gaap:NoncontrollingInterestMember2021-12-310001111711us-gaap:RetainedEarningsMember2022-01-012022-12-310001111711us-gaap:NoncontrollingInterestMember2022-01-012022-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2022-01-012022-12-310001111711us-gaap:AdditionalPaidInCapitalMember2022-01-012022-12-310001111711us-gaap:CommonStockMember2022-01-012022-12-310001111711us-gaap:CommonStockMember2022-12-310001111711us-gaap:PreferredStockMember2022-12-310001111711us-gaap:TreasuryStockCommonMember2022-12-310001111711us-gaap:AdditionalPaidInCapitalMember2022-12-310001111711us-gaap:RetainedEarningsMember2022-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2022-12-310001111711us-gaap:NoncontrollingInterestMember2022-12-310001111711us-gaap:RetainedEarningsMember2023-01-012023-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-01-012023-12-310001111711us-gaap:AdditionalPaidInCapitalMember2023-01-012023-12-310001111711us-gaap:NoncontrollingInterestMember2023-01-012023-12-310001111711us-gaap:CommonStockMember2023-01-012023-12-310001111711us-gaap:PreferredStockMember2023-01-012023-12-310001111711us-gaap:CommonStockMember2023-12-310001111711us-gaap:PreferredStockMember2023-12-310001111711us-gaap:TreasuryStockCommonMember2023-12-310001111711us-gaap:AdditionalPaidInCapitalMember2023-12-310001111711us-gaap:RetainedEarningsMember2023-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2023-12-310001111711us-gaap:NoncontrollingInterestMember2023-12-310001111711us-gaap:RetainedEarningsMember2024-01-012024-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-01-012024-12-310001111711us-gaap:NoncontrollingInterestMember2024-01-012024-12-310001111711us-gaap:PreferredStockMember2024-01-012024-12-310001111711us-gaap:AdditionalPaidInCapitalMember2024-01-012024-12-310001111711us-gaap:CommonStockMember2024-12-310001111711us-gaap:PreferredStockMember2024-12-310001111711us-gaap:TreasuryStockCommonMember2024-12-310001111711us-gaap:AdditionalPaidInCapitalMember2024-12-310001111711us-gaap:RetainedEarningsMember2024-12-310001111711us-gaap:AccumulatedOtherComprehensiveIncomeMember2024-12-310001111711us-gaap:NoncontrollingInterestMember2024-12-310001111711us-gaap:SeriesAPreferredStockMember2024-12-310001111711us-gaap:SeriesAPreferredStockMember2022-12-310001111711us-gaap:SeriesAPreferredStockMember2023-12-310001111711us-gaap:SeriesBPreferredStockMember2023-12-310001111711us-gaap:SeriesBPreferredStockMember2024-12-310001111711us-gaap:SeriesBPreferredStockMember2022-12-310001111711us-gaap:SeriesCPreferredStockMember2024-12-310001111711us-gaap:PreferredStockMember2022-01-012022-12-310001111711us-gaap:TreasuryStockCommonMember2022-01-012022-12-310001111711us-gaap:TreasuryStockCommonMember2023-01-012023-12-310001111711us-gaap:TreasuryStockCommonMember2024-01-012024-12-310001111711nix:NIPSCOHoldingsIIMember2023-06-170001111711nix:ResidentialMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:ResidentialMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:ResidentialMemberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:ResidentialMembernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:CommercialMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:CommercialMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:CommercialMemberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:CommercialMembernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:IndustrialMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:IndustrialMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:IndustrialMemberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:IndustrialMembernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:OffsystemMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:OffsystemMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:OffsystemMemberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:OffsystemMembernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:WholesaleMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:WholesaleMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:WholesaleMemberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:WholesaleMembernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:Misc.Membernix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:Misc.Membernix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:Misc.Memberus-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:Misc.Membernix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:ColumbiaOperationsMember2024-01-012024-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember2024-01-012024-12-310001111711us-gaap:CorporateAndOtherMember2024-01-012024-12-310001111711nix:NiSourceGasDistributionMember2024-01-012024-12-310001111711nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:PublicAuthorityMember2024-10-012024-12-310001111711nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2024-01-012024-12-310001111711nix:NiSourceElectricGenerationAndPowerDeliveryMember2024-10-012024-12-310001111711nix:NIPSCOOperationsMember2024-01-012024-12-310001111711nix:NIPSCOOperationsMember2024-10-012024-12-310001111711nix:ResidentialMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:ResidentialMembernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:ResidentialMemberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:ResidentialMembernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:CommercialMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:CommercialMembernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:CommercialMemberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:CommercialMembernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:IndustrialMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:IndustrialMembernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:IndustrialMemberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:IndustrialMembernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:OffsystemMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:OffsystemMembernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:OffsystemMemberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:OffsystemMembernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:WholesaleMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:WholesaleMembernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:WholesaleMemberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:WholesaleMembernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:Misc.Membernix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:Misc.Membernix:ElectricOperationsMember2023-01-012023-12-310001111711nix:Misc.Memberus-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:Misc.Membernix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:ColumbiaOperationsMember2023-01-012023-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember2023-01-012023-12-310001111711us-gaap:CorporateAndOtherMember2023-01-012023-12-310001111711nix:NiSourceGasDistributionMember2023-01-012023-12-310001111711nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:PublicAuthorityMember2023-01-012023-12-310001111711nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2023-01-012023-12-310001111711nix:NiSourceElectricGenerationAndPowerDeliveryMember2023-01-012023-12-310001111711nix:NIPSCOOperationsMember2023-01-012023-12-310001111711nix:ElectricOperationsMember2023-01-012023-12-310001111711nix:ResidentialMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:ResidentialMembernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:ResidentialMemberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:ResidentialMembernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:CommercialMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:CommercialMembernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:CommercialMemberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:CommercialMembernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:IndustrialMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:IndustrialMembernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:IndustrialMemberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:IndustrialMembernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:OffsystemMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:OffsystemMembernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:OffsystemMemberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:OffsystemMembernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:WholesaleMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:WholesaleMembernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:WholesaleMemberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:WholesaleMembernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:Misc.Membernix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:Misc.Membernix:ElectricOperationsMember2022-01-012022-12-310001111711nix:Misc.Memberus-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:Misc.Membernix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:ColumbiaOperationsMember2022-01-012022-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember2022-01-012022-12-310001111711us-gaap:CorporateAndOtherMember2022-01-012022-12-310001111711nix:NiSourceGasDistributionMember2022-01-012022-12-310001111711nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:PublicAuthorityMember2022-01-012022-12-310001111711nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember2022-01-012022-12-310001111711nix:NiSourceElectricGenerationAndPowerDeliveryMember2022-01-012022-12-310001111711nix:NIPSCOOperationsMember2022-01-012022-12-310001111711nix:ElectricOperationsMember2022-01-012022-12-310001111711nix:ColumbiaOperationsMember2023-12-310001111711nix:ElectricOperationsMember2023-12-310001111711us-gaap:CorporateAndOtherMember2023-12-310001111711nix:ElectricOperationsMember2024-01-012024-12-310001111711nix:ColumbiaOperationsMember2024-12-310001111711nix:ElectricOperationsMember2024-12-310001111711us-gaap:CorporateAndOtherMember2024-12-310001111711nix:ColumbiaOperationsMember2022-12-310001111711nix:ElectricOperationsMember2022-12-310001111711us-gaap:CorporateAndOtherMember2022-12-310001111711nix:RosewaterMember2024-12-310001111711nix:IndianaCrossroadsWindMember2024-12-310001111711nix:IndianaCrossroadsSolarMember2024-12-310001111711nix:DunnsBridgeIIMember2024-12-310001111711us-gaap:VariableInterestEntityPrimaryBeneficiaryMember2023-12-310001111711nix:ConsolidatedVariableInterestEntitiesMember2023-01-012023-12-3100011117112024-02-010001111711nix:ForwardFebruary23Member2023-02-232024-02-

2300011117112023-02-232024-02-230001111711nix:ForwardFebruary23Member2024-09-30000111117112024-09-172024-09-170001111711nix:ForwardMay22Member2024-05-222024-05-220001111712024-05-222024-05-220001111711nix:ForwardMay22Member2024-09-30000111171122024-09-112024-09-110001111711nix:ForwardSeptember27Member2024-09-272024-09-270001111712024-09-272024-09-270001111711nix:ForwardSeptember27Member2024-11-190001111711nix:ForwardSeptember30Member2024-09-302024-09-30000111171122024-09-302024-09-300001111711nix:ForwardSeptember30Member2024-12-310001111712024-11-202024-11-200001111711nix:AtTheMarketProgramMember2024-01-012024-12-310001111711us-gaap:SeriesAPreferredStockMember2023-10-012023-12-310001111711us-gaap:SeriesAPreferredStockMember2023-06-150001111712023-06-150001111711us-gaap:SeriesBPreferredStockMember2024-01-012024-12-310001111711us-gaap:SeriesBPreferredStockMember2023-01-012023-12-310001111711nix:SeriesB1PreferredStockMember2024-03-15000111711nix:SeriesB1PreferredStockMember2024-12-310001111712023-12-010001111711us-gaap:SeriesCPreferredStockMember2023-12-010001111711us-gaap:RevolvingCreditFacilityMember2024-12-310001111711us-gaap:CommercialPaperMember2024-12-310001111711us-gaap:CommercialPaperMember2023-12-310001111711nix:AccountsReceivableProgramMember2024-12-310001111711nix:NiSourceMembernix:A095NotesDue2025Member2024-12-310001111711nix:NiSourceMembernix:A095NotesDue2025Member2023-12-310001111711nix:NiSourceMembernix:A3.49Notesdue2027Member2024-12-310001111711nix:NiSourceMembernix:A3.49Notesdue2027Member2023-12-310001111711nix:NiSourceMembernix:A6.78NotesDue2027Member2024-12-310001111711nix:NiSourceMembernix:A6.78NotesDue2027Member2023-12-310001111711nix:NiSourceMembernix:A5.25NotesDue2028Member2024-12-310001111711nix:NiSourceMembernix:A5.25NotesDue2028Member2023-12-310001111711nix:NiSourceMembernix:A5.20NotesDue2029Member2024-12-310001111711nix:NiSourceMembernix:A5.20NotesDue2029Member2023-12-310001111711nix:NiSourceMembernix:A2.95NotesDue2029Member2024-12-310001111711nix:NiSourceMembernix:A2.95NotesDue2029Member2023-12-310001111711nix:NiSourceMembernix:A3.60NotesDue2030Member2024-12-310001111711nix:NiSourceMembernix:A3.60NotesDue2030Member2023-12-310001111711nix:NiSourceMembernix:A170NotesDue2031Member2024-12-310001111711nix:NiSourceMembernix:A170NotesDue2031Member2023-12-310001111711nix:NiSourceMembernix:A5.40NotesDue2033Member2024-12-310001111711nix:NiSourceMembernix:A5.40NotesDue2033Member2023-12-310001111711nix:NiSourceMembernix:A5.35NotesDue2034Member2024-12-310001111711nix:NiSourceMembernix:A5.35NotesDue2034Member2023-12-310001111711nix:NiSourceMembernix:A6.25NotesDue2040Member2024-12-310001111711nix:NiSourceMembernix:A6.25NotesDue2040Member2023-12-310001111711nix:NiSourceMembernix:A5.95NotesDue2041Member2024-12-310001111711nix:NiSourceMembernix:A5.95NotesDue2041Member2023-12-310001111711nix:NiSourceMembernix:A5.80NotesDue2042Member2024-12-310001111711nix:NiSourceMembernix:A5.80NotesDue2042Member2023-12-310001111711nix:NiSourceMembernix:A5.25NotesDue2043Member2024-12-310001111711nix:NiSourceMembernix:A5.25NotesDue2043Member2023-12-310001111711nix:NiSourceMembernix:A4.80Notesdue2044Member2024-12-310001111711nix:NiSourceMembernix:A4.80Notesdue2044Member2023-12-310001111711nix:NiSourceMembernix:A5.65NotesDue2045Member2024-12-310001111711nix:NiSourceMembernix:A5.65NotesDue2045Member2023-12-310001111711nix:NiSourceMembernix:A4.375Notesdue2047Member2024-12-310001111711nix:NiSourceMembernix:A4.375Notesdue2047Member2023-12-310001111711nix:NiSourceMembernix:A3.95NotesDue2048Member2024-12-310001111711nix:NiSourceMembernix:A3.95NotesDue2048Member2023-12-310001111711nix:NiSourceMembernix:A500NotesDue2052Member2024-12-310001111711nix:NiSourceMembernix:A500NotesDue2052Member2023-12-310001111711nix:NiSourceMembernix:A6.95NotesDue2054Member2024-12-310001111711nix:NiSourceMembernix:A6.95NotesDue2054Member2023-12-310001111711nix:NiSourceMembernix:A6.375NotesDue2054Member2024-12-310001111711nix:NiSourceMembernix:A6.375NotesDue2054Member2023-12-310001111711nix:NiSourceMemberus-gaap:MediumTermNotesMember2024-12-310001111711nix:NiSourceMemberus-gaap:MediumTermNotesMember2023-12-310001111711nix:NIPSCOMemberus-gaap:MediumTermNotesMember2024-12-310001111711nix:NIPSCOMemberus-gaap:MediumTermNotesMember2023-12-310001111711nix:ColumbiaOfMassachusettsMemberus-gaap:MediumTermNotesMember2024-12-310001111711nix:ColumbiaOfMassachusettsMemberus-gaap:MediumTermNotesMember2023-12-310001111711nix:NiSourceCorporateServicesMembernix:FinanceLeasesMember2024-12-310001111711nix:NiSourceCorporateServicesMembernix:FinanceLeasesMember2023-12-310001111711nix:NIPSCOMembernix:FinanceLeasesMember2024-12-310001111711nix:NIPSCOMembernix:FinanceLeasesMember2023-12-310001111711nix:ColumbiaOfOhioMembernix:FinanceLeasesMember2024-12-310001111711nix:ColumbiaOfOhioMembernix:FinanceLeasesMember2023-12-310001111711nix:ColumbiaOfVirginiaMembernix:FinanceLeasesMember2024-12-310001111711nix:ColumbiaOfVirginiaMembernix:FinanceLeasesMember2023-12-310001111711nix:ColumbiaOfKentuckyMembernix:FinanceLeasesMember2024-12-310001111711nix:ColumbiaOfKentuckyMembernix:FinanceLeasesMember2023-12-310001111711nix:ColumbiaOfPennsylvaniaMembernix:FinanceLeasesMember2024-12-310001111711nix:ColumbiaOfPennsylvaniaMembernix:FinanceLeasesMember2023-12-310001111711nix:NiSourceMembernix:A5.35NotesDue2034Member2024-03-140001111711nix:NiSourceMembernix:A5.35NotesDue2034Member2024-03-142024-03-140001111711nix:NiSourceMembernix:A6.95NotesDue2054Member2024-05-160001111711nix:NiSourceMembernix:A6.95NotesDue2054Member2024-05-162024-05-160001111711nix:NiSourceMembernix:A5.20NotesDue2029Member2024-06-240001111711nix:NiSourceMembernix:A5.20NotesDue2029Member2024-06-242024-06-240001111711nix:NiSourceMembernix:A6.375NotesDue2054Member2024-09-090001111711nix:NiSourceMembernix:A6.375NotesDue2054Member2024-09-092024-09-090001111711nix:NiSourceMemberus-gaap:SeniorNotesMember2023-03-240001111711nix:NiSourceMemberus-gaap:SeniorNotesMember2023-03-242023-03-240001111711nix:NiSourceMemberus-gaap:SeniorNotesMember2023-06-080001111711nix:NiSourceMembernix:NiSourceMember2024-12-310001111711nix:NiSourceMember2023-06-080001111711nix:NiSourceMemberus-gaap:UnsecuredDebtMember2023-06-080001111711nix:NiSourceMemberus-gaap:SeniorNotesMember2023-06-082023-06-080001111711srt:MaximumMemberus-gaap:RevolvingCreditFacilityMember2024-01-012024-12-310001111711srt:MinimumMember2024-12-310001111711srt:MaximumMember2024-12-310001111711nix:GasDistributionUtilityMember2024-12-310001111711nix:GasDistributionUtilityMember2023-12-310001111711nix:ElectricUtilityMember2024-12-310001111711nix:ElectricUtilityMember2023-12-310001111711nix:CommonUtilityMember2024-12-310001111711nix:CommonUtilityMember2023-12-310001111711nix:ConstructionWorkInProcessMember2024-12-310001111711nix:ConstructionWorkInProcessMember2023-12-310001111711nix:RenewableGenerationAssetsMember2024-12-310001111711nix:RenewableGenerationAssetsMember2023-12-310001111711nix:NonUtilityAndOtherMember2024-12-310001111711nix:NonUtilityAndOtherMember2023-12-310001111711nix:GasDistributionOperationsMember2024-01-012024-12-310001111711nix:GasDistributionOperationsMember2023-01-012023-12-310001111711nix:GasDistributionOperationsMember2022-01-012022-12-310001111711nix:GasDistributionOperationsMember2024-12-310001111711nix:GasDistributionOperationsMember2023-12-310001111712024-07-012024-12-310001111711nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember2024-12-310001111711nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember2023-12-310001111711nix:DeferredPensionandOtherPostretirementCostsMember2024-12-310001111711nix:DeferredPensionandOtherPostretirementCostsMember2023-12-310001111711us-gaap:EnvironmentalRestorationCostsMember2024-12-310001111711us-gaap:EnvironmentalRestorationCostsMember2023-12-310001111711nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember2024-12-310001111711nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember2023-12-310001111711nix:UnderrecoveredGasAndFuelCostsMember2024-12-310001111711nix:UnderrecoveredGasAndFuelCostsMember2023-12-310001111711nix:DepreciationMember2024-12-310001111711nix:DepreciationMember2023-12-310001111711nix:PostInServiceCarryingChargesMember2024-12-310001111711nix:PostInServiceCarryingChargesMember2023-12-310001111711nix:SafetyActivityCostsDomain2024-12-310001111711nix:SafetyActivityCostsDomain2023-12-310001111711nix:DSMProgramMember2024-12-310001111711nix:DSMProgramMember2023-12-310001111711nix:RetiredCoalGeneratingStationsMember2024-12-310001111711nix:RetiredCoalGeneratingStationsMember2023-12-310001111711us-gaap:DeferredDerivativeGainLossMember2024-12-310001111711us-gaap:DeferredDerivativeGainLossMember2023-12-310001111711nix:DeferredPropertyTaxesMember2024-12-310001111711nix:DeferredPropertyTaxesMember2023-12-310001111711us-gaap:RenewableEnergyProgramMember2024-12-310001111711us-gaap:RenewableEnergyProgramMember2023-12-310001111711nix:WorkAndAssetManagementEnterpriseResourcingSystemMember2024-12-310001111711nix:WorkAndAssetManagementEnterpriseResourcingSystemMember2023-12-310001111711nix:CustomerAssistanceProgramsMember2024-12-310001111711nix:CustomerAssistanceProgramsMember2023-12-310001111711us-gaap:OtherAssetsMember2024-12-310001111711us-gaap:OtherAssetsMember2023-12-310001111711nix:OverrecoveredGasAndFuelCostsMember2024-12-310001111711nix:OverrecoveredGasAndFuelCostsMember2023-12-310001111711nix:CostOfRemovalMember2024-12-310001111711nix:CostOfRemovalMember2023-12-310001111711nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember2024-12-310001111711nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember2023-12-310001111711nix:DeferredPensionandOtherPostretirementCostsMember2024-12-310001111711nix:DeferredPensionandOtherPostretirementCostsMember2023-12-310001111711nix:OffSystemsSalesSharingMember2024-12-310001111711nix:OffSystemsSalesSharingMember2023-12-310001111711nix:HLBVAdjustmentsUnderASC980Member2024-12-310001111711nix:HLBVAdjustmentsUnderASC980Member2023-12-310001111711nix:RateRefundsMember2024-12-310001111711nix:RateRefundsMember2023-12-310001111711us-gaap:OtherLiabilitiesMember2024-12-310001111711us-gaap:OtherLiabilitiesMember2023-12-310001111711nix:NIPSCOMember2024-12-310001111711us-gaap:OtherCurrentAssetsMembernix:CommodityPriceRiskProgramsMember2024-12-310001111711us-gaap:OtherCurrentLiabilitiesMembernix:CommodityPriceRiskProgramsMember2024-12-310001111711us-gaap:OtherCurrentAssetsMembernix:CommodityPriceRiskProgramsMember2023-12-310001111711us-gaap:OtherCurrentLiabilitiesMembernix:CommodityPriceRiskProgramsMember2023-12-310001111711us-gaap:OtherCurrentAssetsMember2024-12-310001111711us-gaap:OtherCurrentLiabilitiesMember2024-12-310001111711us-gaap:OtherCurrentAssetsMember2023-12-310001111711us-gaap:OtherCurrentLiabilitiesMember2023-12-310001111711us-gaap:OtherAssetsMembernix:CommodityPriceRiskProgramsMember2024-12-310001111711us-gaap:OtherLiabilitiesMembernix:CommodityPriceRiskProgramsMember2024-12-310001111711us-gaap:OtherAssetsMembernix:CommodityPriceRiskProgramsMember2023-12-310001111711us-gaap:OtherLiabilitiesMembernix:CommodityPriceRiskProgramsMember2023-12-310001111711us-gaap:OtherAssetsMember2024-12-310001111711us-gaap:OtherLiabilitiesMember2024-12-310001111711us-gaap:OtherAssetsMember2023-12-310001111711us-gaap:OtherLiabilitiesMember2023-12-310001111711srt:NaturalGasReservesMember2024-12-310001111711srt:NaturalGasReservesMember2023-12-310001111711srt:MinimumMember2024-01-012024-12-310001111711srt:MaximumMember2024-01-012024-12-310001111711us-gaap:FairValueInputsLevel1Member2024-12-310001111711us-gaap:FairValueInputsLevel2Member2024-12-310001111711us-gaap:FairValueInputsLevel3Member2024-12-310001111711us-gaap:FairValueInputsLevel1Member2023-12-310001111711us-gaap:FairValueInputsLevel2Member2023-12-310001111711us-gaap:FairValueInputsLevel3Member2023-12-310001111711us-gaap:CorporateDebtSecuritiesMember2024-12-310001111711us-gaap:USTreasuryAndGovernmentMember2023-12-310001111711us-gaap:CorporateDebtSecuritiesMember2023-12-310001111711nix:NiSourceMember2024-12-310001111711nix:OperatingLossCarryforwardAndInvestmentCreditsMember2024-01-012024-12-310001111711nix:OperatingLossCarryforwardAndInvestmentCreditsMember2023-01-012023-12-310001111711nix:OperatingLossCarryforwardAndInvestmentCreditsMember2022-01-012022-12-310001111711nix:UtilizationExpenseOfOperatingLossCarryforwardsMember2024-01-012024-12-310001111711nix:UtilizationExpenseOfOperatingLossCarryforwardsMember2023-01-012023-12-310001111711nix:UtilizationExpenseOfOperatingLossCarryforwardsMember2022-01-012022-12-310001111711us-gaap:InvestmentCreditMember2024-01-012024-12-310001111711us-gaap:InvestmentCreditMember2023-01-012023-12-310001111711us-gaap:InvestmentCreditMember2022-01-012022-12-310001111711us-gaap:DomesticCountryMember2024-12-310001111711us-gaap:DomesticCountryMember2024-01-012024-12-310001111711us-gaap:InvestmentCreditMember2024-12-310001111711nix:FederalProductionTaxCreditsMember2024-01-012024-12-310001111711nix:FederalProductionTaxCreditsMember2024-12-310001111711nix:FederalOtherCreditMember2024-01-012024-12-310001111711nix:FederalOtherCreditMember2024-12-310001111711us-gaap:StateAndLocalJurisdictionMember2024-12-310001111711us-gaap:StateAndLocalJurisdictionMember2024-01-012024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:DomesticEquitiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:DomesticEquitiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:DomesticEquitiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:DomesticEquitiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:PrivateEquityMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:PrivateEquityMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:PrivateEquityMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:PrivateEquityMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:ShortTermInvestmentsMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:ShortTermInvestmentsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:ShortTermInvestmentsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:ShortTermInvestmentsMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:DomesticEquitiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:DomesticEquitiesMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:DomesticEquitiesMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:DomesticEquitiesMember2023-12-310001111711us-

gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:InternationalEquitiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:InternationalEquitiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:InternationalEquitiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:InternationalEquitiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MinimumMembernix:PrivateEquityMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MaximumMembernix:PrivateEquityMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMembernix:PrivateEquityMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMembernix:PrivateEquityMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:ShortTermInvestmentsMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:ShortTermInvestmentsMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MinimumMemberus-gaap:ShortTermInvestmentsMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembersrt:MaximumMemberus-gaap:ShortTermInvestmentsMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:DomesticEquitiesMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DomesticEquitiesMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-
gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-
gaap:CashAndCashEquivalentsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:CashAndCashEquivalentsMember2024-12-
310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:PensionPlansDefinedBenefitMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2024-12-
310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:DomesticEquitiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DomesticEquitiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-
gaap:DebtSecuritiesMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMember2023-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:RealEstateAndPrivateEquityAndHedgeFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-
gaap:CashAndCashEquivalentsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:CashAndCashEquivalentsMember2023-12-
310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2023-12-
310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2024-12-310001111711us-
gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMemberus-gaap:CashMember2024-12-310001111711us-
gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-
gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMemberus-gaap:FixedIncomeSecuritiesMemberus-
gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-
gaap:CorporateDebtSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-
gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-
gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-
gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMemberus-gaap:FixedIncomeSecuritiesMemberus-
gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:MutualFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:MutualFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:PrivateEquityLimitedPartnershipsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:PrivateEquityLimitedPartnershipsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:PrivateEquityLimitedPartnershipsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-
gaap:FairValueMeasurementsRecurringMemberus-gaap:RealEstateMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-
gaap:RealEstateMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-
gaap:DebtSecuritiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-
gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-
gaap:PensionPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:PensionPlansDefinedBenefitMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:MutualFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:MutualFundsMemberus-gaap:FairValueInputsLevel1Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2024-12-310001111711us-
gaap:FairValueMeasurementsRecurringMembernix:MutualFundsMemberus-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-
gaap:DebtSecuritiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-
gaap:DebtSecuritiesMembernix:MutualFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-

gaap:DebtSecuritiesMembernix:MutualFundsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueMeasurementsRecurringMembernix:CommingledFundsMemberus-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMembernix:DueToBrokersNetMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMembernix:AccruedInvestmentIncomeDividendsMember2024-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2024-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2024-12-310001111711us-gaap:FairValueInputsLevel12And3Member2024-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:FairValueMeasurementsRecurringMember2024-12-310001111711nix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-12-310001111711nix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2024-01-012024-12-310001111711nix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-12-310001111711nix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711srt:MinimumMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711srt:MaximumMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711nix:InternationalEquitiesMembernix:CommingledFundsMember2024-12-310001111711nix:InternationalEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711srt:MinimumMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711srt:MaximumMembernix:InternationalEquitiesMembernix:CommingledFundsMember2024-01-012024-12-310001111711us-gaap:FixedIncomeFundsMembernix:CommingledFundsMember2024-12-310001111711us-gaap:FixedIncomeFundsMembernix:CommingledFundsMember2024-01-012024-12-310001111711nix:PrivateEquityAndRealEstateLimitedPartnershipsMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CashMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMemberus-gaap:EquitySecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMemberus-gaap:EquitySecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMemberus-gaap:EquitySecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMemberus-gaap:EquitySecuritiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:USTreasuryAndGovernmentMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:CorporateDebtSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueMeasurementsRecurringMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:MortgagesAssetBackedSecuritiesMemberus-gaap:FixedIncomeSecuritiesMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:MutualFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalMultiStrategyMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:DistressedOpportunitiesMembernix:PrivateEquityLimitedPartnershipsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:RealEstateMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:PensionPlansDefinedBenefitMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:DebtSecuritiesMembernix:MutualFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-

gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:DueToBrokersNetMember2023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2023-12-310001111711us-gaap:FairValueInputsLevel1Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMemberus-gaap:FairValueMeasurementsRecurringMembernix:AccruedInvestmentIncomeDividendsMember2023-12-310001111711us-gaap:FairValueInputsLevel2Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2023-12-310001111711us-gaap:FairValueInputsLevel3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMembernix:AccruedInvestmentIncomeDividendsMember2023-12-310001111711us-gaap:FairValueInputsLevel12And3Member2023-12-310001111711nix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-12-310001111711nix:ShortTermMoneyMarketsMembernix:CommingledFundsMember2023-01-012023-12-310001111711nix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-12-310001111711nix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711srt:MinimumMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711srt:MaximumMembernix:UnitedStatesEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711nix:InternationalEquitiesMembernix:CommingledFundsMember2023-12-310001111711nix:InternationalEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711srt:MinimumMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711srt:MaximumMembernix:InternationalEquitiesMembernix:CommingledFundsMember2023-01-012023-12-310001111711us-gaap:FixedIncomeFundsMembernix:CommingledFundsMember2023-12-310001111711us-gaap:FixedIncomeFundsMembernix:CommingledFundsMember2023-01-012023-12-310001111711nix:PrivateEquityAndRealEstateLimitedPartnershipsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2022-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2022-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2023-01-012023-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2024-01-012024-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2023-01-012023-12-310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:PensionPlansDefinedBenefitMember2022-12-310001111711us-gaap:FairValueInputsLevel12And3Memberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2022-12-310001111711nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember2024-12-310001111711nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:UnderfundedPlanMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:UnderfundedPlanMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:OverfundedPlanMember2024-12-310001111711us-gaap:PensionPlansDefinedBenefitMemberus-gaap:OverfundedPlanMember2023-12-310001111711us-gaap:PensionPlansDefinedBenefitMember2022-01-012022-12-310001111711us-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember2022-01-012022-12-310001111712020-05-190001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2021AwardMember2024-01-012024-12-310001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2020AwardMember2023-01-012023-12-310001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2019AwardMember2022-01-012022-12-310001111711us-gaap:RestrictedStockUnitsRSUMember2021-01-012023-12-310001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2021AwardMember2024-12-310001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2020AwardMember2024-12-310001111711us-gaap:RestrictedStockUnitsRSUMembernix:A2019AwardMember2024-12-310001111711us-gaap:RestrictedStockUnitsRSUMember2024-01-012024-12-310001111711us-gaap:RestrictedStockUnitsRSUMember2023-12-310001111711us-gaap:RestrictedStockUnitsRSUMember2024-12-310001111711us-gaap:PerformanceSharesMember2024-01-012024-12-310001111711us-gaap:PerformanceSharesMember2021-01-012023-12-310001111711us-gaap:PerformanceSharesMember2023-01-012023-12-310001111711us-gaap:PerformanceSharesMember2022-01-012022-12-310001111711nix:NOEPSMemberus-gaap:PerformanceSharesMembernix:A2024AwardMember2024-12-310001111711us-gaap:PerformanceSharesMember2024-01-012024-12-310001111711nix:NOEPSMember2024-01-012024-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2024AwardMember2024-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2023AwardMember2024-01-012024-12-310001111711nix:NOEPSMemberus-gaap:PerformanceSharesMembernix:A2023AwardMember2024-12-310001111711us-gaap:PerformanceSharesMembernix:NOEPSMember2023-01-012023-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2023AwardMember2024-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2023AwardMember2023-01-012023-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2022AwardMember2024-12-310001111711nix:NOEPSMemberus-gaap:PerformanceSharesMembernix:A2022AwardMember2023-12-310001111711nix:RelativeTotalShareholderReturnMemberus-gaap:PerformanceSharesMembernix:A2022AwardMember2022-01-012022-12-310001111711us-gaap:PerformanceSharesMember2023-12-310001111711us-gaap:PerformanceSharesMember2024-12-310001111711us-gaap:RestrictedStockUnitsRSUMemberus-gaap:ShareBasedPaymentArrangementNonemployeeMember2024-12-310001111711nix:OfficeMembersrt:MinimumMember2024-01-012024-12-310001111711nix:OfficeMembersrt:MaximumMember2024-01-012024-12-310001111711nix:FleetLeaseMember2024-12-310001111711nix:PipelineServiceAgreementsMembersrt:MinimumMember2024-01-012024-12-310001111711nix:PipelineServiceAgreementsMembersrt:MaximumMember2024-01-012024-12-310001111711nix:CoalTransportationMembersrt:MaximumMember2024-01-012024-12-310001111711nix:ITServiceAgreementsMembersrt:MaximumMember2024-01-012024-12-310001111711us-gaap:StandbyLettersOfCreditMember2024-12-310001111711us-gaap:StandbyLettersOfCreditMember2023-12-310001111711nix:MgpSitesMember2024-12-310001111711nix:MgpSitesMember2024-04-012024-06-300001111711nix:MgpSitesMember2023-12-310001111711nix:MgpSitesMember2024-01-012024-12-310001111712024-03-182024-03-180001111712024-05-242024-05-240001111711us-gaap:SubsequentEventMember2025-01-152025-01-150001111712024-09-182024-09-180001111711us-gaap:SubsequentEventMember2025-02-032025-02-030001111711nix:NIPSCOHoldingsIIMembersrt:DirectorMember2023-12-310001111711nix:NIPSCOHoldingsIIMember2024-01-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2021-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2021-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2021-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2022-01-012022-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2022-01-012022-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2022-01-012022-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2022-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2022-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2022-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-01-012023-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-01-012023-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2023-01-012023-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2023-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2023-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2023-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-01-012024-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2024-01-012024-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2024-01-012024-12-310001111711us-gaap:InterestRateRiskMember2024-01-012024-12-310001111711us-gaap:AccumulatedNetUnrealizedInvestmentGainLossMember2024-12-310001111711us-gaap:AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember2024-12-310001111711us-gaap:AccumulatedDefinedBenefitPlansAdjustmentMember2024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMembernix:ColumbiaOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMember2024-01-012024-12-310001111711us-gaap:OperatingSegmentsMembernix:ColumbiaOperationsMember2024-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2024-12-310001111711us-gaap:OperatingSegmentsMember2024-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMembernix:NIPSCOOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:NIPSCOOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMembernix:ColumbiaOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMember2023-01-012023-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2023-12-310001111711us-gaap:OperatingSegmentsMember2023-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:NonrelatedPartyMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMembernix:NIPSCOOperationsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMemberus-gaap:RelatedPartyMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMembernix:ColumbiaOperationsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMember2022-01-012022-12-310001111711us-gaap:OperatingSegmentsMembernix:ColumbiaOperationsMember2022-12-310001111711us-gaap:OperatingSegmentsMembernix:NIPSCOOperationsMember2022-12-310001111711us-gaap:OperatingSegmentsMember2022-12-310001111711us-gaap:CorporateNonSegmentMember2024-01-012024-12-310001111711us-gaap:IntersegmentEliminationMember2024-01-012024-12-310001111711us-gaap:CorporateNonSegmentMember2024-12-310001111711us-gaap:CorporateNonSegmentMember2023-01-012023-12-310001111711us-gaap:IntersegmentEliminationMember2023-01-012023-12-310001111711us-gaap:CorporateNonSegmentMember2023-12-310001111711us-gaap:CorporateNonSegmentMember2022-01-012022-12-310001111711us-gaap:IntersegmentEliminationMember2022-01-012022-12-310001111711us-gaap:CorporateNonSegmentMember2022-12-310001111711nix:InterestRateSwapSettledMember2024-01-012024-12-310001111711nix:InterestRateSwapSettledMember2023-01-012023-12-310001111711nix:InterestRateSwapSettledMember2022-01-012022-12-310001111711nix:ReserveForAccountsReceivableMember2023-12-310001111711nix:ReserveForAccountsReceivableMember2024-01-012024-12-310001111711nix:ReserveForAccountsReceivableMember2024-12-310001111711nix:ReserveForOtherInvestmentsMember2023-12-310001111711nix:ReserveForOtherInvestmentsMember2024-01-012024-12-310001111711nix:ReserveForDeferredChargesAndOtherMember2024-01-012024-12-310001111711nix:ReserveForOtherInvestmentsMember2024-12-310001111711nix:ReserveForAccountsReceivableMember2022-12-310001111711nix:ReserveForAccountsReceivableMember2023-01-012023-12-310001111711nix:ReserveForOtherInvestmentsMember2022-12-310001111711nix:ReserveForOtherInvestmentsMember2023-01-012023-12-310001111711nix:ReserveForDeferredChargesAndOtherMember2023-01-012023-12-310001111711nix:ReserveForAccountsReceivableMember2021-12-310001111711nix:ReserveForAccountsReceivableMember2022-01-012022-12-310001111711nix:ReserveForOtherInvestmentsMember2021-12-310001111711nix:ReserveForOtherInvestmentsMember2022-01-012022-12-310001111711nix:ShawnAndersonMember2024-01-012024-12-310001111711nix:MichaelJesanisMember2024-01-012024-12-310001111711nix:ShawnAndersonMember2024-12-310001111711nix:MichaelJesanisMember2024-12-31UNITED STATESSECURITIES AND EXCHANGE COMMISSIONWashington, D.C. 20549FORM 10-K Â â˜ Â Â Â Â Â Â Â Â Â Â Â Â ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)OF THE SECURITIES EXCHANGE ACT OF 1934For the fiscal year ended DecemberÂ 31, 2024 ORÂ â˜ Â Â Â Â Â Â Â Â Â Â Â Â TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934For the transition period from Â Â Â Â Â Â Â Â Â Â Â Â Â Â to Â Â Â Â Â Â Â Â Â Â Â Â Â Â Commission file number 001-16189 NiSource Inc. (Exact name of registrant as specified in its charter)DE35-2108964(State or other jurisdiction ofincorporation or organization)(I.R.S. EmployerIdentification No.)801 East 86th AvenueMerrillville,IN46410(Address of principal executive offices)(Zip Code)(877) 647-5990 (Registrantâ€™s telephone number, including area code)Securities registered pursuant to SectionÂ 12(b) of the Act:Title of Each ClassTrading Symbol(s)Name of Each Exchange on Which RegisteredCommon Stock, par value $0.01 per shareNINYSESecurities registered pursuant to SectionÂ 12(g) of the Act:Â Â Â Â NoneIndicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Â Â Yes Ã¾Â Â No Â¨Indicate by check mark if the registrant is not required to file reports pursuant to SectionÂ 13 or 15(d) of the Act.Â Â Yes Â¨Â Â No Ã¾Indicate by check mark whether the registrant (1)Â has filed all reports required to be filed by SectionÂ 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2)Â has been subject to such filing requirements for the past 90 days.Yes Ã¾Â Â No Â¨Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).Yes Ã¾Â Â No Â¨Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definition of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting company,â€ and "emerging growth company" in Rule 12-b-2 of the Exchange Act.Large accelerated filer Ã¾Â Â Â Â Â Accelerated Filer Â¨Â Â Â Â Â Emerging Growth Company â˜ Non-accelerated Filer Â¨Â Â Â Â Â Smaller Reporting Company â˜ If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜ Indicate by check mark whether the registrant has filed a report on and attestation to its managementâ€™s assessment of

the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report. â˜‘ If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrants included in the filing reflect the correction of an error to previously issued financial statements. â˜Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to Â§240. 10D-1(b).â˜Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).Â Â Yes â˜Â Â No Â¾The aggregate market value of the registrant's common stock, par value $0.01 per share (the "Common Stock") held by non-affiliates was approximately $13,022,151,904 based upon the JuneÂ 30, 2024, closing price of $28.81 on the New York Stock Exchange.There were 469,939,639 shares of Common Stock outstanding as of FebruaryÂ 5, 2025.Documents Incorporated by ReferencePart III of this report incorporates by reference specific portions of the Registrantâ€™s Notice of Annual Meeting and Proxy Statement relating to the Annual Meeting of Stockholders to be held on MayÂ 12, 2025.CONTENTSÂ Â Â PageNo.Defined Terms3Part IItemÂ 1.Business7ItemÂ 1A.Risk Factors17ItemÂ 1B.Unresolved Staff Comments31ItemÂ 1C.Cybersecurity31ItemÂ 2.Properties32ItemÂ 3.Legal Proceedings32ItemÂ 4Â Mine Safety Disclosures32Part IIItemÂ 5.Market for Registrantâ€™s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities33ItemÂ 6.Reserved34ItemÂ 7.Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations35ItemÂ 7A.Quantitative and Qualitative Disclosures About Market Risk56ItemÂ 8.Financial Statements and Supplementary Data57ItemÂ 9.Changes in and Disagreements With Accountants on Accounting and Financial Disclosure122ItemÂ 9A.Controls and Procedures122ItemÂ 9B.Other Information124Item 9C.Disclosure Regarding Foreign Jurisdictions that Prevent Inspections124Part IIIItemÂ 10.Directors, Executive Officers and Corporate Governance125ItemÂ 11.Executive Compensation125ItemÂ 12.Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters125ItemÂ 13.Certain Relationships and Related Transactions, and Director Independence125ItemÂ 14.Principal Accounting Fees and Services125Part IVItemÂ 15.Exhibits, Financial Statement Schedules126Item 16.Form 10-K Summary133Signatures1342Table of ContentsDEFINED TERMSThe following is a list of frequently used abbreviations or acronyms that are found in this report:NiSource Subsidiaries and Affiliates (not exhaustive)Â Â Columbia of KentuckyÂ Â Columbia Gas of Kentucky, Inc.Columbia of MarylandÂ Â Columbia Gas of Maryland, Inc.Columbia of OhioÂ Â Columbia Gas of Ohio, Inc.Columbia of PennsylvaniaÂ Â Columbia Gas of Pennsylvania, Inc.Columbia of VirginiaÂ Â Columbia Gas of Virginia, Inc.NIPSCOÂ Â Northern Indiana Public Service Company LLCNIPSCO Holdings INIPSCO Holdings I LLCNIPSCO Holdings IINIPSCO Holdings II LLCNIPSCO GenerationNIPSCO Generation LLCNiSource ("we," "us" or "our")Â Â NiSource Inc.RosewaterRosewater Wind Generation LLC and its wholly owned subsidiary, Rosewater Wind Farm LLCIndiana Crossroads SolarIndiana Crossroads Solar Generation LLC and its wholly owned subsidiary, Meadow Lake Solar Park LLCIndiana Crossroads WindIndiana Crossroads Wind Generation LLC and its wholly owned subsidiary, Indiana Crossroads Wind Farm LLCDunns Bridge IDunns Bridge I Solar Generation LLC and its wholly owned subsidiary, Dunns Bridge Solar Center LLCDunns Bridge IIDunns Bridge II Solar Generation LLCGibsonGibson Solar Generation LLCFairbanksFairbanks Solar Generation LLCCavalryCavalry Solar Generation LLCAbbreviations and OtherÂ Â AFUDCÂ Â Allowance for funds used during constructionAOCIÂ Â Accumulated Other Comprehensive Income (Loss)ASCÂ Â Accounting Standards CodificationASUAccounting Standards UpdateATMAt-the-marketBIPBIP Blue Buyer L.L.CBIP Blue Buyer VCOC L.L.CBIP Blue Buyer VCOC L.L.C., a Delaware limited liability company and also an affiliate of BlackstoneBlackstoneBlackstone Infrastructure Partners L.P.BTABuild-transfer agreementCCGTCombined Cycle Gas TurbineCCRsÂ Â Coal Combustion ResidualsCEOChief Executive OfficerCEPCapital Expenditure ProgramCERCLAÂ Â Comprehensive Environmental Response Compensation and Liability Act (also known as Superfund)CFOChief Financial OfficerCISACertified Information Systems AuditorCISOChief Information Security OfficerCISSPCertified Information Systems Security ProfessionalCODMChief Operating Decision Maker3Table of ContentsDEFINED TERMSColumbia OperationsReportable segment comprised of the results of NiSource Gas Distribution company, including all of its Columbia Gas distribution companies and related subsidiariesCorporate UnitsSeries A Corporate UnitsCPCNCertificate of Public Convenience and NecessityCRISCCertified in Risk and Information Systems ControlDSICDistribution System Improvement ChargeDSMÂ Â Demand Side ManagementEPAÂ Â United States Environmental Protection AgencyEPSÂ Â Earnings per shareEquity UnitsSeries A Equity UnitsFACÂ Â Fuel adjustment clauseFASBFinancial Accounting Standards BoardFERCFederal Energy Regulatory CommissionFMCAFederally Mandated Cost AdjustmentGAAPÂ Â Generally Accepted Accounting PrinciplesGCAGas cost adjustmentGCTGeneration Cost TrackerGHGÂ Â Greenhouse gasesGWhÂ Â Gigawatt hoursHLBVHypothetical Liquidation at Book ValueIIJAInfrastructure Investment and Jobs ActIRAInflation Reduction ActIRPÂ Â Infrastructure Replacement ProgramIRSInternal Revenue ServiceIURCÂ Â Indiana Utility Regulatory CommissionJVJoint VentureLDCsÂ Â Local distribution companiesLIFOÂ Â Last-in, first-outLIHEAPLow Income Heating Energy Assistance ProgramsMassachusetts BusinessAll of the assets sold to, and liabilities assumed by, Eversource pursuant to the Asset Purchase AgreementMGPÂ Â Manufactured Gas PlantMISOÂ Â Midcontinent Independent System OperatorMMDthÂ Â Million dekathermsMWMegawattsMWhÂ Â Megawatt hoursNERC CIPNorth American Electric Reliability Corporation Critical Infrastructure ProtectionNIPSCO ElectricThe electric generation and transmission activities of the NIPSCO Operations reportable segmentNIPSCO GasThe gas distribution activities of the NIPSCO Operations reportable segmentNIPSCO Minority Interest TransactionA transaction between NiSource, NIPSCO Holdings II (sole owner of NIPSCO) and an affiliate of Blackstone pursuant to a purchase and sale agreement entered into on June 17, 2023, that offered equity interests in NIPSCO Holdings II in exchange for capital contributions by the parties.4Table of ContentsDEFINED TERMSNIPSCO OperationsReportable segment comprised of the results of NIPSCO Holdings I, NIPSCO Holdings II, and NIPSCO and all related subsidiariesNYMEXThe New York Mercantile ExchangeOPEBÂ Â Other Postretirement and Postemployment BenefitsOTOperational TechnologyPCBÂ Â Polychlorinated biphenylsPHMSAPipeline and Hazardous Materials Safety AdministrationPPAPower Purchase AgreementPSCÂ Â Public Service CommissionPUCOÂ Â Public Utilities Commission of OhioROEReturn on EquityRNGRenewable Natural GasROURight of UseSAVESteps to Advance Virginia's Energy PlanScope 1 GHG EmissionsDirect emissions from sources owned or controlled by us (e.g., emissions from our combustion of fuel, vehicles, and process emissions and fugitive emissions)Scope 2 GHG EmissionsIndirect emissions from sources owned or controlled by usSECÂ Â Securities and Exchange CommissionSMRPÂ Â Safety Modification and Replacement ProgramSMSSafety Management SystemSTRIDEStrategic Infrastructure Development and EnhancementTCJAAn Act to provide for reconciliation pursuant to titles II and V of the concurrent resolution on the budget for fiscal year 2018 (commonly known as the Tax Cuts and Jobs Act of 2017)TDSICTransmission, Distribution and Storage System Improvement ChargeTSATransportation Security AdministrationVIEVariable Interest EntityWAMWork and Asset Management enterprise resourcing systemNote regarding forward-looking statementsThis Annual Report on Form 10-K contains "forward-looking statements," within the meaning of Section 27A of the Securities Act of 1933, as amended (the "Securities Act"), and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Investors and prospective investors should understand that many factors govern whether any forward-looking statement contained herein will be or can be realized. Any one of those factors could cause actual results to differ materially from those projected. These forward-looking statements include, but are not limited to, statements concerning our plans, strategies, objectives, expected performance, expenditures, recovery of expenditures through rates, stated on either a consolidated or segment basis, and any and all underlying assumptions and other statements that are other than statements of historical fact. Expressions of future goals and expectations and similar expressions, including "may," "will," "should," "could," "would," "aims," "seeks," "expects," "plans," "anticipates," "intends," "believes," "estimates," "predicts," "potential," "targets," "forecast," and "continue," reflecting something other than historical fact are intended to identify forward-looking statements. All forward-looking statements are based on assumptions that management believes to be reasonable; however, there can be no assurance that actual results will not differ materially.Factors that could cause actual results to differ materially from the projections, forecasts, estimates and expectations discussed in this Annual Report on Form 10-K include, among other things:â€¢our ability to execute our business plan or growth strategy, including utility infrastructure investments, or business opportunities, such as data center development and related generation sources and transmission capabilities to meet potential load growth;â€¢our ability to manage data center growth in our service territories; 5Table of Contentsâ€¢potential incidents and other operating risks associated with our business;â€¢our ability to work successfully with our third-party investors; â€¢our ability to adapt to, and manage costs related to, advances in technology, including alternative energy sources and changes in laws and regulations; â€¢our increased dependency on technology;â€¢impacts related to our aging infrastructure;â€¢our ability to obtain sufficient insurance coverage and whether such coverage will protect us against significant losses;â€¢the success of our electric generation strategy; â€¢construction risks and supply risks; â€¢fluctuations in demand from residential and commercial customers; â€¢fluctuations in the price of energy commodities and related transportation costs or an inability to obtain an adequate, reliable and cost-effective fuel supply to meet customer demand; â€¢our ability to attract, retain or re-skill a qualified, diverse workforce and maintain good labor relations; â€¢our ability to manage new initiatives and organizational changes;â€¢the performance and quality of third-party suppliers and service providers;â€¢our ability to manage the financial and operational risks related to achieving our carbon emission reduction goals, including our Net Zero Goal (as defined below), including any future associated impact from business opportunities such as data center development as those opportunities evolve; â€¢potential cybersecurity attacks or security breaches; â€¢increased requirements and costs related to cybersecurity;â€¢the actions of activist stockholders; â€¢any damage to our reputation;â€¢the impacts of natural disasters, potential terrorist attacks or other catastrophic events;â€¢the physical impacts of climate change and the transition to a lower carbon future; â€¢our debt obligations; â€¢any changes to our credit rating or the credit rating of certain of our subsidiaries; â€¢adverse economic and capital market conditions, including increases in inflation or interest rates, recession, or changes in investor sentiment; â€¢economic regulation and the impact of regulatory rate reviews; â€¢our ability to obtain expected financial or regulatory outcomes; â€¢economic conditions in certain industries; â€¢the reliability of customers and suppliers to fulfill their payment and contractual obligations; â€¢the ability of our subsidiaries to generate cash; â€¢pension funding obligations; â€¢potential impairments of goodwill; â€¢the outcome of legal and regulatory proceedings, investigations, incidents, claims and litigation; â€¢compliance with changes in, or new interpretations of applicable laws, regulations and tariffs; â€¢the cost of compliance with environmental laws and regulations and the costs of associated liabilities; â€¢changes in tax laws or the interpretation thereof; â€¢and other matters set forth in Item 1, "Business," Item 1A, "Risk Factors" and Part II, Item 7, "Managementâ€™s Discussion and Analysis of Financial Condition and Results of Operations," of this report, some of which risks are beyond our control. In addition, the relative contributions to profitability by each business segment, and the assumptions underlying the forward-looking statements relating thereto, may change over time.All forward-looking statements are expressly qualified in their entirety by the foregoing cautionary statements. We undertake no obligation to, and expressly disclaim any such obligation to, update or revise any forward-looking statements to reflect changed assumptions, the occurrence of anticipated or unanticipated events or changes to the future results over time or otherwise, except as required by law.6Table of ContentsPART IITEMÂ 1. BUSINESSNISOURCE INC.BusinessNiSource Inc. is an energy holding company under the Public Utility Holding Company Act of 2005 whose primary subsidiaries are fully regulated natural gas and electric utility companies, serving approximately 3.8Â million customers in six states. NiSource is the successor to an Indiana corporation organized in 1987 under the name of NIPSCO Industries, Inc., which changed its name to NiSource Inc. on AprilÂ 14, 1999.NiSourceâ€™s principal subsidiaries include NiSource Gas Distribution Group, Inc. (a holding company that owns Columbia of Kentucky, Columbia of Maryland, Columbia of Ohio, Columbia of Pennsylvania, and Columbia of Virginia), and NIPSCO Holdings I (a holding company that owns a controlling interest in NIPSCO, a gas and electric utility). NiSource derives substantially all of its revenues and earnings from the operating results of these rate-regulated businesses.Business StrategyOur business strategy focuses on providing safe and reliable service through our core, rate-regulated, asset-based utilities, with the goal of adding value to all of our stakeholders. Our utilities continue to advance our core safety, infrastructure and environmental investment programs, supported by complementary regulatory and customer initiatives across the six states in which we operate. Our goal is to develop strategies that (i) support long-term infrastructure investment and safety programs to better serve our customers, (ii) align our tariff structures with our cost structure, and (iii) drive value and enable growth in an evolving energy ecosystem. These strategies focus on improving safety and reliability, enhancing customer experience, pursuing regulatory and legislative initiatives to increase accessibility for customers currently not on our gas and electric service, ensuring customer affordability and reducing emissions while generating sustainable returns.We remain committed to the advancement of our SMS for the safety of our customers, communities and employees. Our SMS is the established operating model within NiSource. NiSource continues to maintain its certification to the American Petroleum Institute Recommended Practice 1173, which serves as the guiding practice for our SMS. In 2024, NiSource was recognized with the ISO 55001 certification from LRQA, one of the worldâ€™s leading providers of professional engineering and technology services. Achieving this international certification for asset management systems recognizes NiSourceâ€™s commitment to safety for our people, systems and customers. These certifications are important milestones for our SMS and NiSourceâ€™s ongoing journey towards operational excellence. NiSource has two reportable segments: Columbia Operations and NIPSCO Operations. The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as an operating segment, consist of our centralized corporate activities and are primarily comprised of interest expense on holding company debt and unallocated corporate costs and activities. The following is a summary of the business for each reporting segment. Refer to ItemÂ 7, â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€ and Note 21, "Business Segment Information," in the Notes to Consolidated Financial Statements for additional information related to each segment.Columbia OperationsColumbia Operations provides natural gas to approximately 2.4 million residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, and Maryland. We operate approximately 37,200 miles of distribution main pipeline plus the associated individual customer service lines and 330 miles of transmission main pipeline located in our service areas described above. Throughout our service areas we also have gate stations and other operations support facilities. See below for information on our owned operating facilities. There were no significant disruptions to our system or facilities during 2024.Facility NameLocationTypeStorage Capacity (MCF)Blackhawk Underground Storage(1)Beaver Falls, PANatural Gas1,700,000Â Eagle Cove PropanePetersburgh, VAPropane Gas863Â South Wales PropaneJeffersonton, VAPropane Gas863Â Portsmouth Propane-AirPortsmouth, VAPropane-Air Gas17,300Â Total Capacity1,719,026Â (1)NiSource has entered into an agreement to sell this facility, subject to approval by the Pennsylvania Public Utility Commission.7Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.Competition. Due to open access and the deregulation of natural gas supplies, our LDC customers can purchase gas directly from producers and marketers in an open, competitive market. Certain of our subsidiaries are involved in programs that provide our residential and commercial customers the opportunity to purchase their natural gas requirements from third parties and use our subsidiaries for transportation services. As of DecemberÂ 31, 2024, 33.9% of our residential customers and 41.2% of our commercial customers participated in such programs.We compete with (i) investor-owned, municipal, and cooperative electric utilities throughout our service areas, (ii) other regulated and unregulated natural gas intra and interstate pipelines and (iii) other alternate fuels, such as propane and fuel oil. We continue to be a well-positioned competitor in the energy markets in which we operate due to customer preference for natural gas. Additionally, we are subject to seasonal fluctuations in sales. Revenues from our gas distribution operations are more significant during the heating season, which is from October through May. Please refer to Part II, Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations - Results and Discussion of Operations - Columbia Operations," for additional information.NIPSCO OperationsNIPSCO GasNIPSCO Gas distributes natural gas to approximately 0.9 million customers in northern Indiana. We operate approximately 17,900 miles of distribution main pipeline plus the associated individual customer service lines and 690 miles of transmission main pipeline located in our northern Indiana service areas. Throughout northern Indiana, we also have gate stations and other operations support facilities. See below for information on our owned operating facilities. There were no significant disruptions to our system or facilities during 2024.Facility NameLocationTypeStorage Capacity (MCF)Royal Center Underground StorageRoyal Center, INNatural Gas7,240,000Â Rolling Prairie LNGRolling Prairie, INLiquified Natural Gas4,000,000Â Total Capacities11,240,000Â Competition. Similar to the Columbia Operations segment, NIPSCO Gas also operates in an open and competitive market which allows retail customers to purchase gas directly from producers and marketers. As of December 31, 2024, 6.7% of our residential customers and 17.6% of our commercial customers participated in such programs.We compete with (i) investor-owned, municipal, and cooperative electric utilities throughout our northern Indiana service area, (ii) other regulated and unregulated natural gas intra and interstate pipelines and (iii) other alternate fuels, such as propane and fuel oil. Additionally, we are subject to seasonal fluctuations in sales. Revenues from our gas distribution operations are more significant during the heating season, which is from October through May. Please refer to Part II, Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations - Results and Discussion of Operations - NIPSCO Operations," for additional information.8Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.NIPSCO Electric We generate, transmit and distribute electricity to approximately 0.5 million customers in 20 counties in the northern part of

Indiana and also engage in wholesale electric and transmission transactions. Our transmission system, has voltages from 69,000 to 765,000 volts, and consists of approximately 3,000 circuit miles. We are interconnected with eight neighboring electric utilities. We operate 66 transmission and 250 distribution substations, and own approximately 311,300 poles. We own and operate generation assets as well as source power through PPAs. We continue to transition our generation portfolio from coal-fired generation to lower-emission sources. We currently have six owned renewable generation facilities in service: Rosewater, Indiana Crossroads Wind, Indiana Crossroads Solar, Dunns Bridge I Solar, Cavalry Solar and Storage and Dunns Bridge II Solar and Storage. Cavalry Solar and Storage went into service May 2024 and Dunns Bridge II Solar and Storage went into service in January 2025. As of DecemberÂ 31, 2024, we have multiple PPAs that provide 600 MW of capacity, with contracts expiring between 2038 and 2040. We also operate two hydro electric generation facilities, a CCGT, and two coal generation facilities. The R.M. Schahfer coal facility is scheduled to be retired by the end of 2025 and the Michigan City coal facility is scheduled to be retired by the end of 2028. Our generating facilities had no material unplanned interruptions during 2024. See below for information on our owned generating facilities:Facility NameLocationFuel TypeGenerating Capacity (MW)(1)R.M. SchahferWheatfield, INSteam - Coal722Â Michigan CityMichigan City, INSteam - Coal455Â Sugar Creek(2)West Terre Haute, INCCGT578Â R.M. SchahferWheatfield, INNatural Gas155Â OakdaleCarroll County, INHydro9Â NorwayWhite County, INHydro7Â Rosewater(3)White County, INWind102Â Indiana Crossroads Wind(3)White County, INWind302Â Dunns Bridge I(3)Jasper County, INSolar265Â Indiana Crossroads Solar(3)White County, INSolar200Â Cavalry Solar and Storage(4)White County, INSolar and Storage200Â Dunns Bridge II(4)Jasper County, INSolar and Storage435Â Total MW Capacity3,430Â (1)Represents current net generating capability of each fossil fuel and hydro generating facility. Nameplate capacity is listed for wind and solar generating facilities.(2)Represents capacity as of December 31, 2024. Sugar Creek is expected to further increase capacity pending MISO approval in 2025.(3)NIPSCO is the managing partner of these JVs. Refer to Note 4, "Noncontrolling Interests," in the Notes to Consolidated Financial Statements for more information. (4)Cavalry Solar and Storage has installed battery storage capacity of 45MW over a four-hour duration. Dunns Bridge has installed battery storage capacity of 56MW over a four-hour duration.NIPSCO's 2024 Integrated Resource Plan ("2024 Plan") was submitted to the IURC in December 2024. The 2024 Plan informs future generation investments required to ensure reliability for NIPSCO's customers and incorporated factors such as anticipated load growth from data centers and other economic development opportunities, new EPA emissions rules, and evolving MISO resource accreditation rules. The 2024 Plan maintains the retirement decisions and capacity additions identified in the 2018 and 2021 Integrated Resource Plans and calls for additional generation resources through 2029 to support capacity requirements. In addition, if significant new data center load is contracted, the 2024 Plan calls for additional gas-fired resources to support that additional capacity. Refer to Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operationsâ€ for further discussion of these plans.9Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.NIPSCO participates in the MISO transmission service and wholesale energy market. MISO is a nonprofit organization created in compliance with FERC regulations to improve the flow of electricity in the regional marketplace and to enhance electric reliability. Additionally, MISO is responsible for managing energy markets, transmission constraints and the day-ahead, real-time, Financial Transmission Rights and ancillary markets. NIPSCO has transferred functional control of its electric transmission assets to MISO, and transmission service for NIPSCO occurs under the MISO Open Access Transmission Tariff. NIPSCO generating units are dispatched by MISO which takes into account economics, reliability of the MISO system and unit availability. During the year ended DecemberÂ 31, 2024, NIPSCO generating units, inclusive of its owned renewable generation facilities, were dispatched to meet 55.4% of its overall system load, and the remainder of the overall system load was procured through PPAs and the MISO market.Competition. Our NIPSCO Electric utility generally has exclusive service areas under Indiana regulations and retail electric customers in Indiana do not have the ability to choose their electric supplier. NIPSCO faces non-utility competition from other energy sources, such as self-generation by large industrial customers and other distributed energy sources.Our NIPSCO Operations are subject to seasonal fluctuations in sales. Revenues from electric operations are more significant during the cooling season, which is primarily from June through September. Please refer to Part II, Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations - Results and Discussion of Operations - NIPSCO Operations," for additional information.RegulatoryThe regulatory landscape, at both the state and federal levels, continues to evolve, impacting the operations and financial results of our operating companies. Management continually seeks new ways to be more competitive and efficient in this environment, while keeping service and affordability for customers at the forefront. We believe we are, in all material respects, in compliance with such laws and regulations and do not expect future compliance requirements to have a material impact on our capital expenditures, earnings, or competitive position. While we continue to monitor existing and pending laws and regulations, the impact of regulatory changes cannot be predicted with certainty.Rate Case Actions. The following table describes current rate case actions as applicable in each of our jurisdictions. See "Cost Recovery and Trackers" below for further detail on trackers.(in millions)CompanyApproved ROERequested Incremental RevenueApproved Incremental RevenueFiling DateRates EffectiveApproved Rates CasesColumbia of Pennsylvania(1)None specified$124.1Â $74.0Â March 15, 2024December 2024Columbia of Maryland(1)None specified$6.5Â $3.9Â May 12, 2023December 2023Columbia of Kentucky9.75Â %$23.8Â $14.3Â May 16, 2024January 2025Columbia of Virginia(2)None specified$40.5Â $25.8Â April 29, 2022October 2022Columbia of Ohio9.60Â %$221.4Â $68.3Â June 30, 2021March 2023NIPSCO - Gas(3)9.75Â %$161.9Â $120.9Â October 25, 2023August 2024NIPSCO - Electric(4)9.80Â %$291.8Â $261.9Â September 19, 2022August 2023Pending Rate CasesNIPSCO - Electric(5)In process$368.7Â In processSeptember 12, 2024September 2025Columbia of Virginia(6)In process$37.2Â In processApril 29, 2024October 2024Columbia of MarylandIn process$10.7Â In processSeptember 24, 2024April 2025(1) No approved ROE is identified for this matter since the approved revenue increase is the result of a black box settlement under which parties agree upon the amount of increase.(2)The approved rate case resulted in a black box settlement, representing a settlement to a specific revenue increase but not a specified ROE. The settlement provides use of a 9.70% ROE for future SAVE filings.(3)New rates were implemented in 2 steps, with implementation of Step 1 rates effective in August 2024 and Step 2 rates to be effective no later than March 2025.(4)New rates were implemented in 2 steps, with implementation of Step 1 rates in August 2023 and Step 2 rates effective in March 2024. (5)On February 7, 2025, NIPSCO and certain intervening parties filed a Joint Stipulation and Settlement Agreement with the IURC reflecting an annual revenue increase of $257.0 million. New rates proposed to be implemented in 2 steps, with implementation of Step 1 rates effective no later than September 2025 and Step 2 rates to be effective no later than March 2026.(6)Rates are effective on an as filed basis and subject to refund. Columbia of Virginia and certain intervening parties, filed a Joint Stipulation and Proposed Recommendation for settlement on December 5, 2024, for an annual revenue increase of $28.2 million, net of SAVE.10Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.FERC. Our service company and operating companies are subject to varying degrees of regulation by the FERC. NiSource Corporate Services files a FERC Form 60 annual report with its financial information as a FERC jurisdictional centralized service company. NiSource also files an annual FERC Form 61 which contains a narrative description of the service company's functions during the prior calendar year.As natural gas LDCs, Columbia of Maryland, Columbia of Ohio, Columbia of Pennsylvania, Columbia of Virginia, Columbia of Kentucky and NIPSCO have limited jurisdictional certificates to transport gas in their respective service territories and into interstate commerce. As an electric company, NIPSCO has Market Based Rate authority and is a Transmission Owner subject to FERC jurisdiction. NIPSCO files the following reports annually: â€¢FERC Form 1, which is a comprehensive financial and operating report, â€¢FERC Form 566, which is a list of its 20 largest purchases of electricity over the past three years, â€¢FERC Form 715, which is its Annual Transmission Planning and Evaluation Report and the base case power flow data from the Eastern Interconnection Reliability Assessment Group Multiregional Modeling Working Group, which was used by NIPSCO for transmission planning and, â€¢FERC Form 730, which is NIPSCOâ€™s Report of Transmission Investment Activity. As a Transmission Owner subject to the MISO Transmission Owners Agreement and Tariff, NIPSCO has various FERC jurisdictional obligations such as maintaining its Attachment O formula rates and corresponding protocols. NIPSCO also has FERC approvals to make affiliate transactions between itself and various JVs. NIPSCOâ€™s officers, on the electric side, are also subject to FERCâ€™s interlocking directorate rules and reporting requirements.Regulatory Framework. The gas distribution activities of our Columbia and NIPSCO Operations have pursued non-traditional revenue sources within the evolving natural gas marketplace. These efforts include (i) gas supply cost incentive mechanisms for service to their core markets, and (ii) the sale of on-system services in the companiesâ€™ service territories. The on-system services are offered by us to customers and include products such as the transportation and balancing of gas on the gas distribution operations utility's system. The incentive mechanisms give the gas distribution operations utilities an opportunity to share in the savings created from such situations as gas purchases made below an agreed upon benchmark price and the remarketing of unused pipeline capacity to reduce overall pipeline costs.We recognize that energy efficiency reduces emissions, conserves natural resources and saves our customers money. Our gas distribution companies offer programs such as energy efficiency upgrades, home checkups and weatherization services. The increased efficiency of natural gas appliances and improvements in home building codes and standards contribute to a long-term trend of declining average use per customer. While we are looking to expand offerings so the energy efficiency programs can benefit as many customers as possible, our gas distribution operations utilities have pursued changes in rate design to more effectively match recoveries with costs incurred. Columbia of Ohio has adopted a straight fixed variable rate design for residential and small commercial customers that closely links the recovery of fixed costs with fixed charges. Columbia of Maryland and Columbia of Virginia have regulatory approval for weather and revenue normalization adjustments for certain customer classes, which adjust monthly revenues that exceed or fall short of approved levels. Columbia of Pennsylvania continues to operate its pilot residential weather normalization adjustment and also has a fixed customer charge. This weather normalization adjustment only adjusts revenues when actual weather compared to normal varies by more than 3%. Columbia of Kentucky incorporates a weather normalization adjustment for certain customer classes and also has a fixed customer charge. NIPSCO Gas and Electric include a fixed customer charge for residential and small commercial and industrial customer classes. NIPSCO Gas has also received approval and implemented a weather normalization adjustment for certain of its customer classes. While increased efficiency of electric appliances and improvements in home building codes and standards have similarly impacted the average use per electric customer in recent years, NIPSCO expects future growth in per customer usage as a result of increasing electric applications, such as electric vehicles. These ongoing changes in use of electricity will likely lead to development of innovative rate designs, and NIPSCO will continue efforts to design rates that increase the certainty of recovery of fixed costs.11Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.Cost Recovery and Trackers. Comparability of our operating results is impacted by regulatory trackers that allow for the recovery in rates of certain costs. Certain approved regulatory tracker mechanisms allow for abbreviated regulatory proceedings in order for the operating companies to quickly implement revised rates and recover associated costs.A portion of the NIPSCO Operations' and Columbia Operations' gas distribution revenue is related to the recovery of gas costs through GCA's, the review of which occurs through standard regulatory proceedings. All states in our operating area require periodic review of actual gas procurement activity to determine prudence and confirm the recovery of prudently incurred energy commodity costs supplied to customers.A portion of the NIPSCO Operations' revenue is related to the recovery of fuel costs to generate power and the fuel costs related to purchased power. These costs are recovered through a FAC, which is updated quarterly to reflect actual costs incurred to supply electricity to customers.Political ActionThe NiSource Political Action Committee ("NiPAC") provides our employees a voice in the political process. NiPAC is a voluntary, employee driven and funded political action committee, and NiPAC makes bipartisan political contributions to local, state and federal candidates where permitted and in accordance with established guidelines. Consistent with our commitments and our approach to engagement, the NiPAC leadership committee members evaluate candidates for support on issues important to our business.Environmental and Safety MattersPHMSA Legislation and RegulationsTo fulfill our vision of being a trusted energy provider, we follow safety practices required by regulations and we implement our Safety Management System ("SMS"). SMS serves as the framework to identify and reduce risks and ensure consistent safety processes, procedures and operations across the organization. As directed by law in the Protecting Our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2020, PHMSA has revised, and continues to revise, the pipeline safety regulations focused on public safety and environmental hazard mitigation. Specific areas of focus for upcoming rulemaking include leak detection and repair criteria (the "LDAR" rule) and regulations that require operators to upgrade their existing low-pressure regulating stations with enhanced safeguards and update distribution integrity management plans, emergency response plans, and operation and maintenance plans (the Safety of Gas Distribution Pipelines, or "SGDP" rule). In May 2023, PHMSA proposed regulatory revisions under the PIPES Act of 2020 to minimize methane emissions and improve public safety. Under the proposed revisions, our subsidiaries would be required to detect and repair an increased number of gas leaks, reduce the time to repair leaks, increase leak survey, and expand our existing advanced leak detection program. In January 2025, PHMSA submitted a final LDAR rule to the Federal Register and is currently suspended.In September 2023, PHMSA proposed additional regulatory revisions under the PIPES Act of 2020 to enhance distribution system safety through equipment and procedural expectations in the form of the SGDP rule. Operators will be required to incorporate additional protections for low pressure distribution systems that prevent over-pressurization, amend construction procedures designed to minimize the risk of incidents caused by system over-pressurization, and update distribution integrity management programs to cover and prepare for over-pressurization incidents. PHMSA did not progress the SGDP rulemaking in 2024.We continue to evaluate and monitor PHMSA legislation and regulations but cannot predict the impact of changing pipeline safety regulations on our business at this time.Climate Change IssuesPhysical Climate Risks. Increased frequency of severe and extreme weather events associated with climate change could materially impact our facilities, energy sales, and results of operations. We are unable to predict these events. However, we perform assessments of physical risk, including physical climate risk, to our business. More extreme and volatile temperatures, increased storm intensity and flooding, and more volatile precipitation leading to changes in lake and river levels are among the weather events that are most likely to impact our business. Efforts to mitigate these physical risks continue to be implemented.12Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.Transition Climate Risks and Opportunities. We actively engage with and monitor the impact that proposed legislative and regulatory programs related to GHG emissions would have on our business. Refer to Item 1A. Risk Factors, "Operational Risks," of this Annual Report on Form 10-K for further detail. Regarding federal policies, we continue to monitor the status of climate change-related legislation and regulation, including the IIJA, IRA, and EPA's Waste Emissions Charge for Petroleum and Natural Gas systems. We have identified and pursued potential opportunities associated with the IIJA and the IRA that align with our strategy. These opportunities include tax incentives for renewable generation and storage projects, tax credit transferability and grant funding for grid resiliency, hydrogen hubs and leak detection. The new federal administration has signaled through executive actions a desire to roll-back several climate-related policies including funding for IIJA and IRA programs. We continue to evaluate and monitor how these changes will impact our business. In May 2024, the EPA published final greenhouse gas standards and guidelines for fossil fuel-fired power plants. The rules are not expected to impact NIPSCOâ€™s existing electric generation, but, depending on the outcome of ongoing litigation and potential future changes to the rules, may impose certain operational limitations on other existing and new electric generation. Through the 2024 NIPSCO IRP process, we assessed that cost to electric customers would be approximately $675 million greater due to these rules.We also continue to monitor evolving state policies related to GHG emissions. The Climate Solutions Now Act of 2022 requires Maryland to reduce GHG emissions by 60% by 2031 (from 2006 levels), and it requires the state to reach net zero emissions by 2045. The Maryland Department of the Environment ("MDE") adopted a plan to achieve its 2031 goal and is required to adopt a plan for their 2045 net zero goal by 2030. The Act also enacts a state policy to move to broader electrification of both existing buildings and new construction. In December 2024, the Maryland Department of the Environment issued updated final Building Energy Performance Standards, which would require net zero direct greenhouse gas emissions from large buildings by 2040 with interim targets, or payments of an alternative compliance fee. Columbia of Maryland is advocating for compliance pathways that use RNG, hydrogen, new technologies and emissions offsets. Under an executive order, Maryland is also developing a Clean Heat Standard and a Zero-Emission Heating Equipment Standard that are intended to transition gas appliances to electric heat pumps. Separately, the PSC has also initiated a proceeding related to Near-Term, Priority Actions and Comprehensive, Long-Term Planning for Maryland's Gas Companies. Columbia of Maryland cannot predict the final impact of these policies on our business at this time.Net Zero Goal. In November 2022, we announced a goal of net zero greenhouse gas emissions by 2040, covering both Scope 1 and Scope 2 GHG emissions ("Net Zero Goal"). Our Net Zero Goal builds on greenhouse gas emission reductions achieved to-date. We plan to achieve our Net Zero Goal primarily through the continuation and enhancement of existing programs, such as retiring and replacing coal-fired electric generation with low- or zero-emission electric generation, ongoing pipe replacement and modernization programs, and deployment of advanced leak-detection technologies. In addition, we plan to advance other low- or zero-emission energy resources and technologies, which may include hydrogen, renewable natural gas, long-duration storage, and/or deployment of carbon capture and utilization technologies, if and when these become technologically and economically feasible. Carbon offsets and renewable energy credits may also be used to support achievement of our Net Zero Goal. As of the end of 2023, we had reduced Scope 1 GHG emissions by approximately 72% from 2005 levels.Our greenhouse gas emissions projections, including achieving a Net Zero Goal, are subject to various assumptions that involve risks and uncertainties, and

did not include any assumptions related to data center development and associated load growth. We remain committed to our Net Zero Goal, however, certain of our interim goals may evolve as we assess and respond to business opportunities such as data centers. Achievement of our Net Zero Goal by 2040 will require supportive regulatory and legislative policies, favorable stakeholder environments and advancement of technologies that are not currently economically or technologically feasible to deploy at scale, as well as execution of our business plan. Otherwise, our actual results or ability to achieve our Net Zero Goal, including by 2040, may differ materially.As discussed in Management's Discussion within "Results and Discussion of Operations - NIPSCO Operations," NIPSCO continues to execute its electric generation transition consistent with the preferred pathways identified in its 2018, 2021 and 2024 Integrated Resource Plans. Additionally, as discussed in Management's Discussion within "Executive Summary - Energy Transition" and "Liquidity and Capital Resources - Regulatory Capital Programs," our natural gas distribution companies are lowering methane emissions by replacing aging infrastructure, which also increases safety and reliability for customers and communities.13Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.Human CapitalHuman Capital Management Governance and Organizational Practices. The Compensation and Human Capital Committee ("C&HC Committee") of our Board of Directors (the "Board") is primarily responsible for assisting the Board in overseeing our human capital management practices. The C&HC Committee reviews our human capital management function and programs. The review of related procedures, programs, policies and practices allows the committee to make recommendations to management with respect to equal employment opportunity, employee engagement, organizational health, and talent management.Human Capital Goals and Objectives. We have aligned our human capital goals to achieve overall company strategic and operational objectives by driving an enhanced talent strategy, elevating support for front-line leaders, fostering a culture of rigor and accountability, and strengthening our human resource function. We aspire to be an employer of choice, in part, through embedding inclusion throughout the enterprise and creating an enviable employee experience. Workforce Composition. As of DecemberÂ 31, 2024, we had 7,687 full-time and 59 part-time active employees (i.e., not interns, not on leave or disability). Of our total workforce, 32% were subject to collective bargaining agreements with various labor unions. These collective bargaining agreements were renegotiated in 2021 and 2023 and expire in 2026 and 2027, respectively.We foster an enviable work environment where all employees are energized. In efforts to become an employer of choice, we have developed sourcing strategies to attract and retain the most qualified talent. Our executive leadership team is characterized by a diverse composition, with 75% representation from both people of color ("POC") and females. We have increased our overall population of females and POC in 2024.In 2024, our Diversity of Slate process supported our talent acquisition team filling 1,565 roles with 831 external candidates. These external hires included 34% being filled with POC and 40% being filled with female candidates. These sourcing efforts led our organization across all businesses to make progress toward a workforce composition that embraces different perspectives.Our employee resource groups (ERGs) serve to create a culture of inclusion through their engagement of all employees throughout the year. We continue to develop ERG leaders to equip employees with the necessary tools to further support our efforts for advancement and strengthen our inclusive workplace. A key area for us has been our implementation and development of programs to drive higher retention and engagement of our employees, focusing on inclusive leadership training for Directors and Managers in the organization. Our commitment is grounded in the core belief that our purpose extends far beyond our primary role as a utility company. We are committed to providing equal employment opportunities in each of our companies to all employees and applicants without regard to race, color, religion, national origin or ancestry, veteran status, disability, gender, age, marital status, sexual orientation, gender identity, genetic information, or any protected group status as defined by law. The input provided by our increasingly diverse workforce will continue to strengthen our corporate culture as well as drive constructive changes within our company to improve our operational strategies, enhance the quality of the services we provide, and increase revenue.Talent Attraction. To recruit and hire individuals with a variety of skills, talents, backgrounds and experiences, we value and cultivate relationships with community and diversity outreach partners. We also target job fairs, including those focused on people of color, veteran, and female candidates while also partnering with local colleges and universities to identify and recruit qualified applicants.Similar to other companies, we have focused on creating a flexible, agile model for roles that can be performed in a more remote setting. Our hybrid model recognizes differing ways of working; onsite, hybrid and remote. Most of our workforce is onsite and our hybrid and remote roles provide different avenues of working and seeking talent across our footprint. Hybrid employees work in a NiSource facility at least twice a week. This in-office presence supports colleague connection, development, in-person mentoring, and broader team building.Talent Development and Retention. We offer leadership development programs to enhance the behaviors and skills of our existing and future leaders. In 2024, we had participation from employees of all levels. We also offer extensive technical and non-technical employee development training programs.14Table of ContentsITEMÂ 1. BUSINESSNISOURCE INC.We strive to provide promotion and advancement opportunities for employees. In 2024, for all leadership positions at the supervisor and above level posted externally, we filled 64% with internal employees. We also develop and implement targeted development action plans to increase succession candidate readiness for leadership roles. Additionally, we monitor the risk and potential impact of talent loss and take action to increase retention of top talent. Retention in 2024 was 93%. We calculate retention as 100 minus the total number of separations divided by the average headcount for the annual period. These separations break down into involuntary separations (2%), resignations (3%), and retirements (2%). Succession Planning. We perform succession planning annually for officer level positions to ensure that we develop and sustain a strong bench of talent capable of performing at the highest levels. Talent is identified, and potential paths of development are discussed, to ensure that employees have an opportunity to build their skills to be well-prepared for future roles. We maintain formal succession plans for our CEO and key officers. The succession plan for our CEO is reviewed by the Environmental, Social, Nominating and Governance Committee and the succession plans for key officers (other than the CEO) and critical roles are reviewed by the Compensation and Human Capital Committee annually or more frequently as needed.Employee and Workplace Health and Safety. We have several programs to support employees, and their familiesâ€™ well-being. These programs include competitive medical, dental, vision, life and long-term disability programs, including employee health savings account company contributions, telemedicine services, Employee Assistance Program, Integrated Health Management navigation services, and paid time off including wellness, sick/disability, parental leave, and illness in family days.We also have a robust program to support employees, contractors and public safety, which is led by our Chief Safety Officer and is under the oversight of the Safety, Operations, Regulatory and Policy Committee of our Board. Culture and Engagement. Our culture is another important aspect of our ability to advance our strategic and operational objectives. In addition to recruiting, development and retention programs described above, we also invest in internal communications programs, including in-person and virtual learning and networking opportunities, as well as regular town hall communications to employees. We measure and monitor organizational health and employee engagement through various channels including employee lifecycle, pulse, and census surveys. To instill and reinforce our values and culture, we require our employees to participate in regular training on ethics and compliance topics each year, including raising concerns, treating others with respect, preventing discrimination in the workplace, anti-bribery and corruption, data protection, unconscious biases, harassment, conflicts of interest, and how to use the anonymous ethics and compliance hotline. All employees receive training on our Code of Business Conduct annually or more frequently if there is a material change in content. Because of this training and other programs, we have learned from our most recent employee survey that our employees know what ethical violations look like and how to report them. Our Code of Business Conduct is designed to ensure that our employees adhere to legal and regulatory requirements, mitigate risks, and promote ethical behavior. Our ethics program is led by leadership tone at the top, policies and procedures, regular training and communication, monitoring and auditing, and a system for reporting and addressing violations. Our business ethics program, including the employee training program, is reviewed annually by our executive leadership team and the Audit Committee of our Board of Directors. Our Compensation and Human Capital Committee reviews reports from our Chief Human Resources Officer on employee engagement and corporate culture. Our Board reviews results and action plans related to our enterprise-wide comprehensive employee engagement survey. Our executive leadership team, including our CEO, communicates directly and regularly with all employees on timely ethics topics through electronic messages, coffee chats, and all-employee town hall meetings. These communications emphasize the importance of our values and culture in the workplace.15Table of Contents INFORMATION ABOUT OUR EXECUTIVE OFFICERSNISOURCE INC.The following is a list of our Executive Officers, including their names, ages, offices held and other recent business experience.NameAgeOffice(s) Held in Past 5 YearsLloyd M. Yates64Â President and Chief Executive Officer of NiSource since February 2022 and Director since March 2020Executive Vice President, Customer and Delivery Operations, and President, Carolinas Region, of Duke Energy Corporation from 2014 to 2019Shawn Anderson43Â Executive Vice President and Chief Financial Officer of NiSource since March 2023Senior Vice President and Chief Strategy and Risk Officer from June 2020 to March 2023Vice President, Strategy and Chief Risk Officer from January 2019 to May 2020Melody Birmingham53Â Executive Vice President, and President, NiSource Utilities of NiSource since March 2023Executive Vice President, Chief Innovation Officer of NiSource from July 2022 to March 2023Senior Vice President and Chief Administrator Officer of Duke Energy Corporation from May 2021 to June 2022Senior Vice President, Supply Chain and Chief Procurement Officer of Duke Energy Indiana from 2018 to April 2021William Jefferson, Jr63Â Executive Vice President, Chief Operating and Safety Officer of NiSource since May 2024Executive Vice President, Operations and Chief Safety Officer of NiSource from July 2022 to May 2024Station Director at STPNOC, Wadsworth, Texas, from 2020 to May 2022 and Vice President in 2022Michael S. Luhrs52Â Executive Vice President, Strategy and Risk and Chief Commercial Officer of NiSource since March 2023Senior Vice President at Alliant Energy from 2022 to March 2023Vice President at Duke Energy Corporation from 2013 to 2022Kimberly S. Cuccia41Â Senior Vice President, General Counsel and Corporate Secretary of NiSource since April 2022Vice President, Interim General Counsel and Corporate Secretary of NiSource from December 2021 to April 2022Vice President and Deputy General Counsel, Regulatory, of NiSource Corporate Services Company, from January 2021 to December 2021Vice President and General Counsel of Columbia Gas of Massachusetts and of NiSource Corporate Services Company, from 2019 to 2020Melanie B. Berman54Â Chief Human Resources Officer and Senior Vice President, Administration of NiSource since May 2024Senior Vice President and Chief Human Resources Officer of NiSource from June 2021 to May 2024Executive Vice President and Chief Human Resources Officer of The Michaels Companies, Inc. from 2020 to 2021Gunnar J. Gode50Vice President, Chief Accounting Officer and Controller of NiSource since July 2020Vice President and Controller of Washington Gas from March 2019 to 202016Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.Our operations and financial results are subject to various risks and uncertainties, including those described below, that could adversely affect our business, financial condition, results of operations, cash flows, and the market price of our common stock. OPERATIONAL RISKSWe may not be able to execute our business plan or growth strategy, including utility infrastructure investments, or business opportunities, such as data center development and related generation sources and transmission capabilities to meet potential load growth.Operational, financial or regulatory conditions may result in our inability to execute our business plan or growth strategy, including investments related to natural gas and electric distribution and transmission infrastructure investments and our electric generation projects. Additionally, operational, financial or regulatory conditions may result in our inability to manage the development and implementation connected to the complex business opportunity associated with growing interest in data centers from existing and potential customers.Our enterprise-wide transformation roadmap initiatives identify and enable long-term sustainable capability enhancements, cost optimization improvements, technology investments and work process optimization, and these initiatives have increased the volume and pace of change and may not be effective as it continues. Our customer and regulatory initiatives may not achieve planned results. Utility infrastructure investments may not materialize, may cease to be achievable or economically viable and may not be successfully completed. Furthermore, we are evaluating the potential for data center development in our service territories, including ways to effectively manage the potential power demand, generation sources, and transmission capabilities to meet potential load growth from any data center customer, while at the same time focusing on our environmental goals. We expect that management of load growth would require new generation and transmission capabilities. Natural gas may cease to be viewed as an economically and environmentally attractive fuel. Certain environmental activist groups, investors and governmental entities continue to oppose natural gas delivery and infrastructure investments because of perceived environmental impacts associated with the natural gas supply chain and end use. Energy conservation, energy efficiency, distributed generation, energy storage, policies favoring electric heat over gas heat and other factors may reduce demand for natural gas and electricity. In addition, we consider acquisitions or dispositions of assets or businesses, JVs, and mergers from time to time as we execute on our business plan and growth strategy. As data center opportunities evolve and develop, we may also enter into arrangements and agreements with customers and potential customers that require us to invest capital related to the data center development and related generation sources and transmission capabilities before we receive any potential return. Any of these circumstances could adversely affect our business, results of operations and growth prospects. Even if our business plan, growth strategy, and/or business opportunities are executed, there is still risk of, among other things, human error in maintenance, installation or operations, shortages or delays in obtaining equipment, including as a result of transportation delays and availability, labor availability and performance below expected levels (in addition to the other risks discussed in this section). We are currently experiencing, and expect to continue to experience, supply chain challenges, including labor availability issues, impacting our ability to obtain materials for our gas and electric projects, as well as our ability to ensure timely completion. Data center growth in our service territories, including a focus on northern Indiana, while providing growth opportunities that enhance our business strategy, provide significant financial, operational, and regulatory risks that must be effectively managed.As we evaluate business opportunities presented by the data center development in our territories, including a focus on northern Indiana, we face a variety of challenges including accurately predicting future power needs of data centers due to rapidly changing technology and market dynamics, managing the potential power demand, generation sources, and transmission capabilities to meet potential load growth from any data center customer, financing the capital investment needed to build and maintain the necessary infrastructure to support data center development, managing the possible environmental impact of the potential increased power demand while remaining focused on our Net Zero Goal, and evaluating and complying with evolving regulations related to data center development. As we evaluate the potential for data center development in our service territories, we must effectively manage these financial, operational and regulatory risks.Our distribution, transmission and generation activities involve a variety of inherent hazards and operating risks, including potential public safety risks.Our gas distribution and transmission, electric generation, transmission and distribution activities, involve a variety of inherent hazards and operating risks, including, but not limited to, gas leaks and over-pressurization, downed power lines, stray electrical voltage, excavation or vehicular damage to our infrastructure, outages, environmental spills, mechanical problems, damage from weather events, and other incidents, which could cause substantial financial losses. These hazards and risks have resulted and may result in serious injury or loss of life to employees and/or the general public, significant damage to property, 17Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.environmental pollution, impairment of our operations, adverse regulatory rulings and reputational harm, which in turn could lead to substantial business and financial losses. The location of pipeline facilities, including regulator stations, liquefied natural gas and underground storage, or generation, transmission, substation and distribution facilities near populated areas, including residential areas, commercial business centers and industrial sites, could increase the level of damages resulting from such incidents. Hazardous incidents have subjected and may subject us to both civil and criminal litigation or administrative or other legal proceedings from time to time, which could result in substantial monetary judgments, fines, or penalties against us, be resolved on unfavorable terms, and require us to incur significant operational expenses. The occurrence of incidents has in certain instances adversely affected and could in the future adversely affect our reputation, cash flows, financial position and/or results of operations. We maintain insurance against some, but not all, of these risks and losses.We currently conduct and may conduct in the future certain operations through a JV arrangement involving third- party investors that may result in operational impasses or litigation, including business delays as a result of such arrangements.We have and may enter into JV arrangements involving third-party investors, including the NIPSCO Minority Interest Transaction. As part of a JV arrangement, third-party investors may hold certain protective rights that may impact our ability to make certain decisions, restricting our operational and corporate flexibility. Any such third-party investors may have interests and objectives which may differ from ours, we may be unable to cause these third parties to take action that we believe would be in the JVâ€™s best interest, and, accordingly, disputes may arise that may result in operational impasses or litigation, including business delays.Failure to adapt to advances in technology, including alternative energy sources, and changes in laws or regulations to support such advances in technology or alternative energy sources, and our ability to manage such related costs could make us less competitive.A key element of our electric business model includes generating power at central station power plants and transmitting that power to customers to achieve economies of scale and produce power at a competitive cost. We continue to transition our generation portfolio in order to implement new and diverse technologies including renewable energy, distributed generation, energy storage, and implement energy efficiency programs for customers. Advances in technology and potential competition supported by changes in laws or regulations could reduce the cost of electric generation and provide retail alternatives causing power sales to decline and the value of our generating, transmission and distribution facilities to decline.Our natural gas business model depends on widespread utilization of natural gas for space heating as a core driver of revenues. Alternative

energy sources, new technologies or alternatives to natural gas space heating, including cold climate heat pumps and/or efficiency of other products, and potential competition supported by changes in laws or regulations could reduce demand and increase customer attrition, which could impact our ability to recover on our investments in our gas distribution assets.Our future success will depend, in part, on our ability to anticipate and successfully adapt to technological changes, to offer services that meet customer demands and evolving industry standards, including environmental impacts associated with our products and services, and to recover all, or a significant portion of, remaining investments in retired assets. A failure by us to effectively adapt to changes in technology, successfully implement such changes, and manage the related costs could harm the ability of our products and services to remain competitive in the marketplace and could have a material adverse impact on our business, results of operations and financial condition. Furthermore, if these changes do not provide the anticipated benefits or meet customer demands, such failure could materially adversely affect our business model as well as impact results of operations and financial condition.Increased dependency on technology may hinder our business operations and adversely affect our financial condition and results of operation if such technology fails.We use a variety of technological tools and systems including both Company-owned information technology and technological services provided by outside parties. These tools and systems support critical functions including scheduling and dispatching of service technicians, automated meter reading systems, customer care and billing, operational plant logistics, management reporting and external financial reporting. The failure of these or other similarly important technologies, or our inability to have these technologies supported, updated, expanded, recovered (including timely recovered), or integrated into other technologies, could hinder our business operations and adversely impact its financial condition and results of operations. Although the Company has, when possible, developed alternative sources of technology and built redundancy into its computer networks and tools, there can be no assurance that these efforts would protect against all potential issues related to the loss of any such technologies.18Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.Aging infrastructure may lead to disruptions in operations and increased capital expenditures and maintenance costs.We have risks associated with aging electric and gas infrastructure. These risks can be driven by threats such as, but not limited to, electrical faults, mechanical failure, internal corrosion, external corrosion, ground movement and stress corrosion and/or cracking. The age of these assets may result in a need for replacement, a higher level of maintenance costs or unscheduled outages, despite efforts by us to properly maintain or upgrade these assets through inspection, scheduled maintenance and capital investment. In addition, the nature of the information available on aging infrastructure assets, which in some cases is incomplete, may make the operation of the infrastructure, inspections, maintenance, upgrading and replacement of the assets particularly challenging. Missing or incorrect infrastructure data may lead to (1) difficulty properly locating facilities, which can result in excavator damage and operational or emergency response issues, (2) configuration and control risks associated with the modification of system operating pressures in connection with turning off or turning on service to customers, which can result in unintended outages or operating pressures and (3) other potential risks related to missing or incorrect infrastructure data. Also, additional maintenance and inspections are required in some instances to improve infrastructure information and records and address emerging regulatory or risk management requirements, resulting in increased costs.Supply chain issues related to shortages of materials, labor and transportation logistics may lead to delays in the maintenance and replacement of aging or damaged infrastructure, which could increase the probability and/or impact of a public safety incident. We lack diversity in suppliers of some gas materials. While we have implemented contractual protections with suppliers and stockpile some materials in inventory for such supply risks, we may not be effective in ensuring that we can obtain adequate emergency supply on a timely basis in each state, that no compromises are being made on quality and that we have alternate suppliers available. The failure to operate our assets as desired could result in interruption of electric service, major component failure at generating facilities and electric substations, gas leaks and other incidents, and an inability to meet firm service and compliance obligations, which could adversely impact revenues, and could also result in increased capital expenditures and maintenance costs, which, if not fully recovered from customers, could negatively impact our financial results.We may be unable to obtain insurance on acceptable terms or at all, and the insurance coverage we do obtain may not provide protection against all significant losses.Our ability to obtain insurance, as well as the cost and coverage of such insurance, is impacted by various events and developments affecting our industry and the financial condition and underwriting considerations of insurers. For example, some insurers have discontinued underwriting certain carbon-intensive energy-related businesses such as those in the coal industry or excluded coverage for specific perils such as wildfires or punitive damage risks. Certain perils, such as cyber liability, are now being excluded from some master policies for property and casualty insurance, requiring, where we have the ability, procurement of additional policies to maintain consistent coverage at an additional cost. Specific natural catastrophe events, such as hail and tornado, may not be covered with the same limits as other perils in certain property policies, as full coverage for these events is unavailable in the marketplace without costly specialty policies. Insurance coverage may not continue to be available at limits, rates or terms acceptable to us. In addition, our insurance is not sufficient or effective under all circumstances and against all hazards or liabilities to which we are subject. Certain types of damages, expenses or claimed costs, such as fines and penalties, have been and in the future may be excluded under the policies. In addition, insurers providing insurance to us may raise defenses to coverage under the terms and conditions of the respective insurance policies that could result in a denial of coverage or limit the amount of insurance proceeds available to us. Any losses for which we are not fully insured or that are not covered by insurance at all could materially adversely affect our results of operations, cash flows and financial position.Aspects of the implementation of our electric generation strategy, including the timing of the retirement of our coal generation units or the addition of new generation resources, may be delayed and may not achieve intended results. We intend to retire the remaining two coal units at R.M. Schahfer Generating Station by the end of 2025, two natural gas-fired peaking units at R.M. Schahfer Generating Station by the end of 2027, and the coal unit at Michigan City Generating Station by the end of 2028. These units are being replaced with a diverse, flexible, and scalable mix of incremental resources, including short-term contracted capacity resources, expanded demand side management programs, wind, solar, battery energy storage, and new natural gas peaking resources. Macro supply chain issues and U.S. federal policy actions could create uncertainty around the availability of key input materials necessary to develop and place our electric generation projects in service. We expect renewable generation, battery energy storage and natural gas generation to be the primary ways in which we will meet our electric generation capacity and reliability obligations to the MISO market and reliably serve our customers when we retire our coal generation capacity. Any delays in the completion of such projects could create significant risks for us to reliably meet our capacity and energy obligations to MISO and to provide reliable and affordable energy to our customers. Delays to the 19Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.completion dates of our projects could also include delays in the financial return of certain investments and impact the overall timing of our electric generation transition.Our electric generation strategy may require additional investment to meet our MISO obligations and may require significant future capital expenditures, operating costs and charges to earnings that may negatively impact our financial position, financial results and cash flows. An inability to secure and deliver on electric generation projects has negatively impacted, and could in the future negatively impact, our generation transition timeline and could negatively impact our achievement of decarbonization goals and reputation.Our capital projects and programs subject us to construction and supply risks, and are subject to regulatory oversight, including requirements for permits, approvals and certificates from various governmental agencies.Our business requires substantial capital expenditures for investments in, among other things, capital improvements to our electric generating facilities, electric and natural gas transmission and distribution infrastructure, natural gas storage and other projects, including projects for environmental compliance. As we undertake these projects and programs, we may be unable to complete them on schedule or at the anticipated costs. Additionally, we may construct or purchase some of these projects and programs to capture anticipated future growth, which may not materialize, and may cause the construction to occur over an extended period of time.Construction risks include, but are not limited to, changes in the availability or costs of materials, equipment, commodities or labor (including changes to tariffs on materials), delays caused by construction incidents or injuries, work stoppages, poor initial cost estimates, unforeseen engineering issues, and general contractors and subcontractors not performing as required under their contracts.We are monitoring risks related to increasing delivery lead times for certain construction and other materials, increasing risk associated with the unavailability of materials due to global shortages in raw materials and issues with transportation logistics, and risk of decreased construction labor productivity in the event of disruptions in the availability of materials critical to our gas and electric operations. Our efforts to enhance our resiliency to supply chain shortages may not be effective. We continue to see increasing prices associated with certain materials, equipment and products, which impacts our ability to complete major capital projects at the cost that was planned and approved. To the extent that delays occur, costs increase, costs become unrecoverable or recovery is delayed, or we otherwise become unable to effectively manage our affordability and complete our capital projects, our business operations, results of operations, cash flows, and financial condition may be adversely affected. In addition, to the extent that delays occur on projects that target system integrity, the risk of an operational incident could increase. Our existing and planned capital projects require numerous permits, approvals and certificates from federal, state, and local governmental agencies, including obtaining necessary rights-of-way, easements and transmissions connections, as well as complying with various environmental statutes, rules and regulations, among other items. If there is a delay in obtaining any required regulatory approvals or if we fail to obtain or maintain any required approvals or to comply with any applicable laws or regulations, we may not be able to construct or operate our facilities, we may be forced to incur additional costs or we may be unable to recover any or all amounts invested in a project. We also may not receive the anticipated increases in revenue and cash flows resulting from such projects and programs until after their completion.A significant portion of the gas and electricity we sell is used by residential and commercial customers for heating and air conditioning. Accordingly, fluctuations in weather, gas and electricity commodity costs, and economic conditions impact customer demand.Energy sales are sensitive to variations in weather. Forecasts of energy sales are based on â€œnormalâ€ weather, which represents a long-term historical average. Significant variations from normal weather resulting from climate change or other factors could have, and have had, a material impact on energy sales. Additionally, residential usage, and to some degree commercial usage, is sensitive to fluctuations in commodity costs for gas and electricity (which volatility is described in more detail in the below risk factor), whereby usage declines with increased costs which could affect our financial results. Rising gas costs could heighten regulator and stakeholder sensitivity relative to the impact of base rate increases on customer affordability. Lastly, residential and commercial customersâ€™ usage is sensitive to economic conditions and factors such as recession, inflation, unemployment, demand and consumer confidence. Therefore, prevailing economic conditions affecting the demand of our customers may in turn affect our financial results.20Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.Fluctuations in the price of energy commodities or their related transportation costs, or an inability to obtain an adequate, reliable and cost-effective fuel supply may impact our ability to meet customer demand.Our current electric generating fleet has dependencies on coal and natural gas for fuel, and our gas distribution operations purchase and resell a portion of the natural gas we deliver to our customers. These energy commodities are subject to price fluctuations and fluctuations in associated transportation costs. We use physical hedging through the use of storage assets and use financial products in certain jurisdictions in order to offset fluctuations in commodity supply prices. We rely on regulatory recovery mechanisms in the various jurisdictions in order to fully recover the commodity costs incurred in selling energy to our customers. While we have historically been successful in the recovery of costs related to such commodity prices, there can be no assurance that such costs will be fully recovered through rates in a timely manner.In addition, we depend on electric transmission lines, natural gas pipelines, and other transportation and storage facilities owned and operated by third parties to deliver the electricity and natural gas we sell to wholesale markets, supply natural gas to our gas storage and electric generation facilities, and provide retail energy services to our customers. If transportation is disrupted, if capacity is inadequate or if supply is interrupted due to issues at the wellhead, we may be unable to sell and deliver our gas and electric services to some or all of our customers. As a result, we may be required to procure additional or alternative electricity and/or natural gas supplies at then-current market rates, which, if recovery of related costs is disallowed, could have a material adverse effect on our businesses, financial condition, cash flows, results of operations and/or prospects.Failure to attract, retain or re-skill an appropriately qualified workforce, and maintain good labor relations, could adversely impact safety, service reliability, and customer satisfaction.We face increased competition for talent which may result in longer hire times or increased cost due to the competitive nature of certain positions.We operate in an industry that requires many of our employees and contractors to possess unique technical skill sets. An aging workforce without appropriate replacements, the mismatch of skill sets to future needs, the unavailability of talent for internal positions and the unavailability of contract resources may lead to operating challenges or increased costs. These operating challenges include lack of resources, loss of knowledge and a lengthy time period associated with skill development. For example, certain skills, such as those related to construction, maintenance and repair of transmission and distribution systems, are in high demand and have a limited supply. Current and prospective employees may determine that they do not wish to work for us due to market, economic, employment or other conditions, including those related to organizational changes as described in the risk factor below.Further, as part of our strategic plan, which includes enhanced technology, transmission and distribution investments, and a reduction in reliance on coal-fired generation, we will need to attract and retain personnel that are qualified to implement such a strategy and may need to retrain or re-skill certain employees to support our long-term objectives. Additionally, successful implementation of our strategic plan is dependent on our ability to recruit and retain key executive officers to oversee its progress.A significant portion of our workforce is subject to collective bargaining agreements. Our collective bargaining agreements are generally negotiated on an operating company basis with some companies having multiple bargaining agreements, which may span different geographies. Any failure to reach an agreement on new labor contracts or to renegotiate these labor contracts might result in strikes, boycotts or other labor disruptions. Our workforce continuity plans may not be effective in avoiding work stoppages that may result from labor negotiations or mass resignations. Labor disruptions, strikes or significant negotiated wage and benefit increases, whether due to union activities, employee turnover or otherwise, could have a material adverse effect on our businesses, results of operations and/or cash flows.Failure to attract, retain, or re-skill qualified employees, including the ability to transfer significant internal historical knowledge and expertise to the new employees, could result in a loss of momentum, loss of high-level employees to our peers and could materially adversely affect our business, results of operations, cash flow and financial condition. If we are unable to successfully attract and retain an appropriately qualified workforce and maintain satisfactory labor relations, safety, service reliability, and customer satisfaction, our results of operations could be adversely affected.If we cannot effectively manage new initiatives and organizational changes, we will be unable to address the opportunities and challenges presented by our strategy and the business and regulatory environment.In order to execute on our sustainable growth strategy and enhance our culture of ongoing continuous improvement, we must effectively manage the complexity and frequency of new initiatives and organizational changes. The organizational changes 21Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.from our transformation initiatives have put short-term pressure on employees due to the volume and pace of change and, in some cases, the loss of personnel. Front-line workers are being impacted by the variety of process and technology changes that are currently in progress.If we are unable to make decisions quickly, assess our opportunities and risks, and successfully implement new governance, managerial and organizational processes as needed to execute our strategy in this increasingly dynamic and competitive business and regulatory environment, our financial condition, results of operations and relationships with our business partners, regulators, customers, employees and stockholders may be negatively impacted.Actions of activist stockholders could negatively affect our business and stock price and cause us to incur significant expenses.We may be subject to actions or proposals from activist stockholders or others that may not be aligned with our long-term strategy or the interests of our other stockholders. Our response to suggested actions, proposals, director nominations and contests for the election of directors by activist stockholders could disrupt our business and operations, divert the attention of our board of directors, management and employees, and be costly and timeâ€consuming. Potential actions by activist stockholders or others may interfere with our ability to execute our strategic plans; create perceived uncertainties as to the future direction of our business or strategy; cause uncertainty with our regulators; make it more difficult to attract and retain qualified personnel; and adversely affect our relationships with our existing and potential business partners. Any of the foregoing could adversely affect our business, financial condition and results of operations. Also, we may be required to incur significant fees and other expenses related to responding to stockholder activism, including for third-party advisors. Moreover, our stock price could be subject to significant fluctuation or otherwise be adversely affected by the events, risks and uncertainties of any stockholder activism.We outsource certain business functions to third-party suppliers and service providers, and may be impacted by substandard performance or quality by third parties.Utilities rely on extensive networks of business partners and suppliers to support critical enterprise capabilities across their organizations. Like other companies in the utilities industry, we outsource certain services to third parties in areas including construction services, information technology, materials, fleet, environmental, operational services, corporate and other areas. We have seen, and may see in the future, slowing deliveries from suppliers and in some cases materials and labor shortages. In addition to delays and unavailability, at times, outsourcing of services to third parties could expose us to inferior service quality or substandard deliverables, which may result in non-compliance (including with applicable legal requirements and industry

standards), interruption of service, accidents, or reputational harm, which could negatively impact our business, financial condition and results of operations. The nature of indirect supply chain, including a potential lack of control or certain visibility into sourcing by vendors, may also impact our ability to serve customers in a safe, reliable and cost-effective manner. These risks include the risk of operational failure, reputation damage, disruption due to new supply chain disruptions, exposure to significant commercial losses and fines and poorly positioned and distressed suppliers. If we continue to see delayed deliveries and shortages or if any other difficulties in the operations of these third-party suppliers and service providers, including their systems, were to occur, they could adversely affect our results of operations, or adversely affect our ability to work with regulators, unions, customers, or employees.A cyber-attack or security breach on any of our or certain third-party technology systems, including but not limited to information systems, infrastructure, software and hardware, upon which we rely may adversely affect our ability to operate, could lead to a loss or misuse of confidential and proprietary information, or potential liability.We are reliant on technology to run our business, which is dependent upon technology systems to process critical information necessary to conduct various elements of our business, including the generation, transmission and distribution of electricity; operation of our gas pipeline facilities; and the recording and reporting of commercial and financial transactions to regulators, investors and other stakeholders. In addition to general information and cybersecurity risks that all large corporations face (e.g., ransomware, malware, unauthorized access attempts, phishing attacks, malicious intent by insiders, third-party software vulnerabilities and inadvertent disclosure of sensitive information), the utility industry faces evolving and increasingly complex cybersecurity risks associated with protecting electric grid and natural gas infrastructure as well as sensitive and confidential customer and employee information. Deployment of new business technologies, along with maintaining legacy technology, represents a large-scale opportunity for attacks on our information systems and confidential customer and employee information, as well as on the integrity of the electric grid and the natural gas infrastructure. Increasing large-scale corporate cyber-attacks in conjunction with more sophisticated threats continue to challenge utility companies. Additionally, international conflicts, as well as increased surveillance activity from global threat actors, has increased the likelihood of a cyber-attack or security breach on critical infrastructure systems.22Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.Additionally, our information systems experience ongoing, often sophisticated, cyber-attacks or security breaches by a variety of sources, including foreign sources, with the apparent aim to breach our cyber-defenses. While we have implemented and maintain a cybersecurity program designed to protect our information technology, operational technology, and data systems from such cyber-attacks or security breaches, our cybersecurity program does not prevent all breaches, cyber-attack or security breach incidents. We have experienced an increase in the number of attempts by external parties to access our networks or our company data without authorization. We have experienced, and expect to continue to experience, cybersecurity intrusions and attacks or security breaches to our information systems. To our knowledge, none of these intrusions or attacks have resulted in a material cybersecurity intrusion or data breach. The risk of a disruption or breach of our operational technology, or the compromise of the data processed in connection with our operations, through cybersecurity breach or ransomware attack has increased as attempted cyber-attacks or security breaches have advanced in sophistication and number around the world. Technological complexities combined with advanced cyber-attack or security breach techniques, lack of cybersecurity hygiene and human error can result in a cybersecurity incident, such as a ransomware attack. Supplier non-compliance with cybersecurity controls can also result in a cybersecurity incident. We are aware of vendor cybersecurity incidents that have impacted our business, although no such events have had a material impact. Cyber-attacks or security breaches can occur at any point in the supply chain or with any suppliers, and future supplier non-compliance with cybersecurity controls could result in material cybersecurity incidents. In addition, we use unmanned aircraft systems (UAS) or drones in our business operations. UASs are also being used for malicious activities and the cybersecurity risk in connection with operating UASs is increasing.In addition, we collect and retain personally identifiable information of our customers and employees. Customers and employees expect that we will adequately protect their personal information. A cybersecurity breach of our information systems or operational technology, or a cybersecurity breach of the information systems of our customers, suppliers or others with whom we do business, could, among other things, (i) adversely impact our ability to safely and reliably deliver electricity and natural gas to our customers through our generation, transmission and distribution systems and potentially negatively impact our compliance with certain mandatory reliability and gas flow standards, (ii) subject us to reputational and other harm or liabilities associated with theft or inappropriate release of certain types of information such as system operating information or information, personal or otherwise, relating to our customers or employees, (iii) impact our ability to manage our businesses, and/or (iv) subject us to legal and regulatory proceedings and claims from third parties, in addition to remediation costs, any of which, in turn, could have a material adverse effect on our businesses, cash flows, financial condition and/or results of operations. Although we do maintain cybersecurity insurance, it is possible that such insurance will not adequately cover any losses or liabilities we may incur as a result of a cybersecurity incident.Compliance with and changes in cybersecurity requirements have a cost and operational impact on our business, and failure to comply with such laws and regulations could adversely impact our reputation, results of operations, financial condition and/or cash flows.The legal and regulatory environment surrounding cybersecurity and privacy is increasingly demanding. As cyber-attacks or security breaches are becoming more sophisticated, critical infrastructure assets, including pipelines and electric infrastructure, may be specifically targeted. In 2021, the TSA announced two new cybersecurity directives in response to a ransomware attack on the Colonial Pipeline that occurred earlier in the year. These directives, including updates or amendments to such TSA directives, require critical pipeline owners to comply with mandatory reporting measures, designate a cybersecurity coordinator, provide vulnerability assessments, and ensure compliance with certain cybersecurity requirements. In November 2024, the TSA issued a Notice of Proposed Rulemaking (NPRM) that would mandate cyber risk management and reporting requirements for the pipeline industry. Such directives or additional legal requirements may require expenditure of significant additional resources to respond to cyber-attacks or security breaches, to continue to modify or enhance protective measures, or to assess, investigate and remediate any critical infrastructure security vulnerabilities. Increased costs and the operational impacts of compliance and changes in cybersecurity requirements, including any failure to comply with government regulations or any failure in our cybersecurity protective measures may result in enforcement actions, all of which may have a material adverse effect on our business, results of operations and financial condition. In addition, there is no certainty that costs incurred related to securing against threats will be recovered through rates.The impacts of natural disasters, acts of terrorism, acts of war, civil unrest, accidents, public health emergencies or other catastrophic events may disrupt operations and reduce the ability to service customers.A disruption or failure of natural gas distribution systems, or within electric generation, transmission or distribution systems, in the event of a hurricane, tornado, wildfire, flood, or other major weather event, or terrorist attack, acts of war, international 23Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.military invasions, including the political and economic disruption and uncertainty related to such terrorist attack, acts of war, or international military invasions, civil unrest, accident, public health emergency (e.g. pandemic), or other catastrophic event could cause delays in completing sales, providing services, or performing other critical functions. We have experienced disruptions in the past from tornadoes, hurricanes and remnants of hurricanes and other events of this nature. Also, companies in our industry face a heightened risk of exposure to and have experienced acts of terrorism and vandalism. Our electric and gas physical infrastructure may be targets of physical security threats or terrorist activities that could disrupt our operations. We have increased security given the current environment and may be required by regulators or by the future threat environment to make investments in security that we cannot currently predict. In addition, the supply chain constraints that we are experiencing could impact our ability to timely restore services. The occurrence of such events could materially adversely affect our business, financial position and results of operations. In accordance with customary industry practice, we maintain insurance against some, but not all, of these risks and losses. As a result, the amount and scope of insurance coverage maintained against losses resulting from any such event may not be sufficient to cover such losses or otherwise adequately compensate for any business disruptions that could result.We are exposed to significant reputational risks, which make us vulnerable to a loss of cost recovery, increased litigation and negative public perception.As a utility company, we are subject to adverse publicity focused on the actual or perceived reliability or affordability of our services, the speed with which we are able to respond effectively to electric outages, natural gas leaks or events and related accidents and similar interruptions caused by storm damage, physical or cybersecurity incidents, or other unanticipated events, as well as our own or third partiesâ€™ actions or failure to act. We are subject to prevailing labor markets and potential high attrition, which may impact the speed of our customer service response. We are also facing supply chain challenges, the impacts of which may adversely impact our reputation in several areas as described elsewhere in these risk factors. We are also subject to adverse publicity related to actual or perceived environmental practices or impacts, including our ability to meet the challenges posed by climate change and achieve our carbon emission reduction goals, as well as negative opinions regarding the appropriateness of such goals. If customers, legislators or regulators have or develop a negative opinion of us, this could result in less favorable legislative and regulatory outcomes or increased regulatory oversight, increased litigation and negative public perception. The foregoing may have adverse effects on our business, results of operations, cash flow and financial condition.The physical impacts of climate change and the transition to a lower carbon future are impacting our business and could materially adversely affect our results of operations.Climate change is exacerbating risks to our physical infrastructure by increasing the frequency of extreme weather, including temperature stresses to our electric and gas systems and equipment and storms and floods that damage infrastructure. In addition, climate change is likely to cause lake and river level changes that affect the manner in which services are currently provided and droughts or other limits on water used to supply services, and other extreme weather conditions. We have adapted and will continue to evolve our infrastructure and operations to meet current and future needs of our stakeholders. With higher frequency of these and other possible extreme weather events it may become more costly for us to safely and reliably deliver certain products and services to our customers. Further, as our generation profile increases geographically, it is potentially more vulnerable to certain weather hazards than centralized generation, thereby increasing the frequency of weather impacts to overall electric reliability. Some of these costs may not be recovered. To the extent that we are unable to recover those costs, or if higher rates arising from recovery of such costs result in reduced demand for services, our future financial results may be adversely impacted. Further, as the intensity and frequency of significant weather events increases, insurers may reprice or remove themselves from insuring risks for which the company has historically maintained insurance, resulting in increased cost or risk to us.Our strategy may be impacted by policy and legal, technology, market and reputational risks and opportunities that are associated with the transition to a lower-carbon economy, as disclosed in other risk factors in this section. As a result of increased awareness regarding climate change, coupled with economic considerations, availability of alternative energy sources, including private solar, microturbines, fuel cells, energy-efficient buildings and energy storage devices, and regulations restricting, or imposing fees on, emissions, some consumers and companies may use less energy, meet their own energy needs through alternative energy sources or avoid expansions of their facilities, including natural gas facilities, which may result in less demand for our services. As these technologies become a more cost-competitive option, whether through cost effectiveness or government incentives and subsidies, certain customers may choose to meet their own energy needs and subsequently decrease usage of our systems and services, which may result in, among other things, our facilities becoming less competitive and economical. Further, evolving investor sentiment related to the use of fossil fuels and initiatives to restrict continued production of fossil fuels could result in a significant impact on our electric generation and natural gas businesses in the future.24Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.We are unable to forecast the future of commodity markets. Some of our generation is dependent on natural gas and coal, and we pass through the costs for these energy sources to our customers. In addition, in our gas distribution business, we procure natural gas on behalf of certain customers, and we pass through the actual cost of the gas consumed. Diminished investor interest in funding fossil fuel development could reduce the amount of exploration and production of natural gas or coal, or investment in gas transmission pipelines. Reduced production and transportation of natural gas could, in the long-term, lead to supply shortages leading to baseload generation outages. Given that we pass through commodity costs to customers, this could also create the potential for regulatory questions resulting from increased customer costs, reduced fossil fuel investment, due to evolving investor sentiment, could lead to higher commodity prices and shortages impacting our generation and our reputation with regulators. Conversely, demand for our services may increase as a result of customer changes in response to climate change. For example, as the utilization of electric vehicles increases, demand for electricity may increase, resulting in increased usage of our systems and services.Any negative views with respect to our environmental practices or our ability to meet the challenges posed by climate change from regulators, customers, investors or legislators could not only harm our reputation, but could adversely affect the perceived value of our products and services. Changes in policy to combat climate change, and technology advancement, each of which can also accelerate the implications of a transition to a lower carbon economy, may materially adversely impact our business, financial position, results of operations, and cash flows. For example, Maryland is considering policies related to the planning, practices, and future operations of natural gas suppliers in its state which could impact our business in the future. We are subject to operational and financial risks and liabilities associated with the implementation and efforts to achieve our carbon emission reduction goals.In November 2022, we announced our goal of reaching net zero Scope 1 and 2 greenhouse gas emissions by 2040 (the â€œNet Zero Goalâ€). Achieving the Net Zero Goal will require supportive regulatory and legislative policies, favorable stakeholder environments and advancement of technologies that are not currently economically or technologically feasible to deploy at scale, of which, the impacts and costs are not currently fully understood. NIPSCOâ€™s electric generation transition, which is outlined in the 2024 Plan, is a key element of the Net Zero Goal. Our analysis and plan for execution requires us to make a number of assumptions. These goals and underlying assumptions involve risks and uncertainties and are not guarantees. Should one or more of our underlying assumptions prove incorrect, our actual results and ability to achieve our emissions goal could differ materially from our expectations. Certain of the assumptions that could impact our ability to meet our emissions goal include, but are not limited to: the accuracy of current emission measurements, the ability to complete and implement generation alternatives to NIPSCOâ€™s coal generation and retire NIPSCOâ€™s coal facilities; the ability to implement our modernization plans for our natural gas pipelines and facilities, including construction of new pipelines and facilities; customer demand and capacity needs remaining in line with current expectations, including impacts from energy efficiency and technological innovation and adoption of alternative energy sources; the ability to effectively manage business opportunities from data center development; the ability to manage costs and supply chain risks associated with construction of electric and natural gas assets; technological innovation and costs of energy generation technologies such as wind, solar, thermal and energy storage, and of carbon abatement technologies such carbon capture solutions; regulatory approval; impacts of potential future environmental regulations or legislation, including potential GHG pricing regimes such as a carbon tax or methane fee; price, availability and regulation of carbon offsets; and price of natural gas and alternative fuels such as hydrogen. Any negative opinions with respect to these goals or our environmental practices, including our ability to meet the challenges posed by climate change and our ability to achieve our carbon emission reduction goals, or a scaling back of these goals, formed by regulators, customers, investors or legislators could harm our reputation and have an adverse effect on our financial condition.FINANCIAL, ECONOMIC AND MARKET RISKSWe have substantial indebtedness which could adversely affect our financial condition.Our business is capital intensive and we rely significantly on long-term debt to fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. We had total consolidated indebtedness of $13,960.3 million outstanding as of DecemberÂ 31, 2024. Our substantial indebtedness could have important consequences. For example, it could:â€¢limit our ability to borrow additional funds or increase the cost of borrowing additional funds;â€¢reduce the availability of cash flow from operations to fund working capital, capital expenditures and other general corporate purposes;â€¢limit our flexibility in planning for, or reacting to, changes in the business and the industries in which we operate;â€¢lead parties with whom we do business to require additional credit support, such as letters of credit, in order for us to transact such business;â€¢place us at a competitive disadvantage compared to competitors that are less leveraged;25Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.â€¢increase vulnerability to general adverse economic and industry conditions; andâ€¢limit our ability to execute on our growth strategy, which is dependent upon access to capital to fund our substantial infrastructure investment program.Some of our debt obligations contain financial covenants related to debt-to-capital ratios and cross-default provisions. Our failure to comply with any of these covenants could result in an event of default, which, if not cured or waived, could result in the acceleration of outstanding debt obligations. Additionally, non-compliance with debt covenants could adversely affect our ability to obtain future borrowings and as a result materially adversely affect our business, financial condition, results of operations, and liquidity. A drop in our credit ratings could adversely impact our cash flows, results of operation, financial condition and liquidity.The availability and cost of credit for our businesses may be greatly affected by credit ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure, earnings profile, liabilities, and overall shifts in the economy or business environment. We are committed to maintaining investment grade credit ratings; however, there is no assurance we will be able to do so in the future. Our credit ratings could be lowered or withdrawn entirely by a rating agency if, in its judgment, the circumstances warrant. Any negative rating action could adversely affect our ability to access capital at rates and on terms that are attractive. A negative rating action could also adversely impact our business relationships

with suppliers and operating partners, who may be less willing to extend credit or offer us similarly favorable terms as secured in the past under such circumstances.Certain of our subsidiaries have agreements that contain â€œratings triggersâ€ that require increased collateral in the form of cash, a letter of credit or other forms of security for new and existing transactions if our credit ratings (including the standalone credit ratings of certain of our subsidiaries) are dropped below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of gas or power. As of DecemberÂ 31, 2024, the collateral requirement that would be required in the event of a downgrade below the ratings trigger levels would amount to approximately $115.5 million. In addition to agreements with ratings triggers, there are other agreements that contain â€œadequate assuranceâ€ or â€œmaterial adverse changeâ€ provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business.If our or certain of our subsidiariesâ€™ credit ratings were downgraded, especially below investment grade, financing costs and the principal amount of borrowings would likely increase due to the additional risk of our debt and because certain counterparties may require additional credit support as described above. Such amounts may be material and could adversely affect our cash flows, results of operations and financial condition. Losing investment grade credit ratings may also result in more restrictive covenants and reduced flexibility on repayment terms in debt issuances, lower share price and greater stockholder dilution from common equity issuances, in addition to reputational damage within the investment community.Adverse economic and market conditions, including increases in inflation or interest rates, recession or changes in investor sentiment could materially and adversely affect our business, results of operations, cash flows, financial condition and liquidity.Deteriorating, sluggish or volatile economic conditions in our operating jurisdictions could adversely impact our ability to maintain or grow our customer base and collect revenues from customers, which could reduce our revenue or growth rate and increase operating costs. A continued economic downturn or recession, or slowing or stalled recovery from such economic downturn or recession, may have a material adverse effect on our business, financial condition, or results of operations.We rely on access to the capital markets to finance our liquidity and long-term capital requirements, including expenditures for our utility infrastructure and to comply with future regulatory requirements, to the extent not satisfied by the cash flow generated by our operations. We have historically relied on long-term debt and on the issuance of equity securities to fund a portion of our capital expenditures and repay outstanding debt, and on short-term borrowings to fund a portion of day-to-day business operations. There may be external factors such as inflation, monetary policy or other market conditions which could impact our cost of borrowing and could make it more difficult to obtain financing for our operations or investments on favorable terms. Successful implementation of our long-term business strategies, including capital investment, is dependent upon our ability to access the capital and credit markets, including the banking and commercial paper markets, on competitive terms and rates. An economic downturn or uncertainty, market turmoil, changes in interest rates, changes in tax policy, challenges faced by financial institutions, changes in our credit ratings, or a change in investor sentiment toward us or the utilities industry generally could adversely affect our ability to raise additional capital or refinance debt. For example, because 26Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.NIPSCOâ€™s current generating facilities substantially rely on coal for its operations, certain financial institutions may choose not to participate in our financing arrangements. In addition, investors may choose to sell or choose not to purchase our stock due to environmental, social and governance or sustainability concerns. Reduced access to capital markets, increased borrowing costs, and/or lower equity valuation levels could reduce future earnings per share and cash flows. In addition, any rise in interest rates may lead to higher borrowing costs, which may adversely impact reported earnings, cost of capital and capital holdings.We may face limits, or the inability, to access credit and capital markets or may experience significant increases in the cost of capital, which could limit our ability to implement or increase the costs of implementing, our business plan, which, in turn, could materially and adversely affect our results of operations, cash flows, financial condition and liquidity.Most of our revenues are subject to economic regulation and are exposed to the impact of regulatory rate reviews and proceedings.Most of our revenues are subject to economic regulation at either the federal or state level. As such, the revenues generated by us are subject to regulatory review by the applicable federal or state authority. These rate reviews determine the rates charged to customers and directly impact revenues. Our financial results are dependent on frequent regulatory proceedings in order to ensure timely recovery of costs and investments. As described in more detail in the risk factor below, the outcomes of these proceedings are uncertain, potentially lengthy and could be influenced by many factors, some of which may be outside of our control, including the cost of providing service, the necessity of expenditures, regulatory interpretations, customer intervention, economic conditions, the political environment and customer affordability. Further, the rate orders are subject to appeal, which creates additional uncertainty as to the rates that will ultimately be allowed to be charged for services.The actions of regulators and legislators could result in outcomes that may adversely affect our earnings and liquidity.The rates that our electric and natural gas companies charge their customers are determined by their state regulatory commissions and by the FERC. These state regulatory commissions also regulate the companiesâ€™ accounting, operations, the issuance of certain securities and certain other matters. The FERC also regulates the transmission of electric energy, the sale of electric energy at wholesale, accounting, issuance of certain securities and certain other matters, including reliability standards through the North American Electric Reliability Corporation (NERC).Under state and federal law, our electric and natural gas companies are entitled to charge rates that are sufficient to allow them an opportunity to recover their prudently incurred operating and capital costs and a reasonable rate of return on invested capital, to attract needed capital and maintain their financial integrity, while also protecting relevant public interests. Our electric and natural gas companies are required to engage in regulatory approval proceedings as a part of the process of establishing the terms and rates for their respective services. Each of these companies prepares and submits periodic rate filings with their respective regulatory commissions for review and approval, which allows for various entities to challenge our current or future rates, structures or mechanisms and could alter or limit the rates we are allowed to charge our customers. These proceedings typically involve multiple parties, including governmental bodies and officials, consumer advocacy groups, and various consumers of energy, who have differing interests. Any change in rates, including changes in allowed rate of return, are subject to regulatory approval proceedings that can be contentious, lengthy, and subject to appeal. This may lead to uncertainty as to the ultimate result of those proceedings. Established rates are also subject to subsequent prudency reviews by state regulators, whereby various portions of rates could be adjusted, subject to refund or disallowed, including cost recovery mechanisms. The ultimate outcome and timing of regulatory rate proceedings could have a significant effect on our ability to recover costs or earn an adequate return. Adverse decisions in our proceedings could adversely affect our financial position, results of operations and cash flows.There can be no assurance that regulators will approve the recovery of all operating and capital costs incurred by our electric and natural gas companies, including, but not limited to, costs for construction, operation and maintenance, and compliance with current and future changes in environmental, federal pipeline safety, critical infrastructure and cybersecurity laws and regulations. Further, we face regulatory challenges when our electric and gas companies seek regulatory recovery of increases to materials and other costs as a result of inflationary pressures, including accounting for inflationary pricing in plans and assumptions and ensuring there is a regulatory recovery model. There is debate among state regulators and other stakeholders over how to transition to a decarbonized economy and prudency arguments relative to investing in natural gas assets when the depreciable life of the assets may be shortened due to electrification. The inability to recover a significant amount of operating or capital costs could have an adverse effect on a companyâ€™s financial position, results of operations and cash flows.27Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.Changes to rates may occur at times different from when costs are incurred. Additionally, catastrophic events at other utilities could result in our regulators and legislators imposing additional requirements that may lead to additional costs or operational requirements for the companies.In addition to the risk of disallowance of incurred costs, regulators may also impose downward adjustments in a companyâ€™s allowed ROE as well as assess penalties and fines. Regulators may reduce ROE to mitigate potential customer bill increases due to items unrelated to capital investments. These actions would have an adverse effect on our financial position, results of operations and cash flows.Our electric business is subject to mandatory reliability and critical infrastructure protection standards established by NERC and enforced by the FERC. The critical infrastructure protection standards focus on controlling access to critical physical and cybersecurity assets. Compliance with the mandatory reliability standards could subject our electric utilities to higher operating costs. In addition, compliance with PHMSA regulations, including the expected final ruling around leak detection and repair requirements could subject our gas utilities to higher operating costs and divert business resources from other activities in order to remain compliant. If our businesses are found to be in noncompliance, we could be subject to sanctions, including substantial monetary penalties, or damage to our reputation.Changes in tax laws, as well as the potential tax effects of business decisions, could negatively impact our business, results of operations (including our expected project returns from our planned renewable energy projects), financial condition and cash flows.Our business operations are subject to economic conditions in certain industries.Business operations throughout our service territories have been and may continue to be adversely affected by economic events at the national and local level where our businesses operate. In particular, sales to large industrial customers, such as those in the steel, oil refining, industrial gas and related industries, are impacted by economic downturns and recession; geographic or technological shifts in production or production methods; and consumer demand for environmentally friendly products and practices. The U.S. manufacturing industry continues to adjust to changing market conditions including international competition, inflation and increasing costs, government and societal pressure to decarbonization, and fluctuating demand for its products. We are exposed to risk that customers will not remit payment for delivered energy or services, and that suppliers or counterparties will not perform under various financial or operating agreements.Our extension of credit is governed by a Corporate Credit Risk Management Policy, involves judgment by our employees and is based on an evaluation of customer, supplier, or counterpartyâ€™s financial condition, credit history and other factors. We monitor our credit risk exposure by obtaining credit reports and updated financial information for customers and suppliers, and by evaluating the financial status of our banking partners and other counterparties by reference to market-based metrics such as credit default swap pricing levels, and to traditional credit ratings provided by the major credit rating agencies. Adverse economic conditions impacting these credit risk exposures could result in an increase in defaults by customers, suppliers and counterparties. We are also exposed to the risk that due to adverse economic conditions one or more suppliers or counterparties may fail or delay the performance of their contractual obligations, such risks could negatively impact our business, financial condition and cash flow. We are a holding company and are dependent on cash generated by our subsidiaries to meet our debt obligations and pay dividends on our stock.We are a holding company and conduct our operations primarily through our subsidiaries, which are separate and distinct legal entities. Substantially all of our consolidated assets are held by our subsidiaries. Accordingly, our ability to meet our debt obligations or pay dividends on our common stock and preferred stock is largely dependent upon cash generated by these subsidiaries. In the event a major subsidiary is not able to pay dividends or transfer cash flows to us, our ability to service our debt obligations or pay dividends could be negatively affected.Capital market performance and other factors may decrease the value of benefit plan assets, which then could require significant additional funding and impact earnings.The performance of the capital markets affects the value of the assets that are held in trust to satisfy future obligations under defined benefit pension and other postretirement benefit plans. We have significant obligations in these areas and hold significant assets in these trusts. These assets are subject to market fluctuations and may yield uncertain returns, which could fall below our projected rates of return. A decline in the market value of assets may increase the funding requirements of the 28Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.obligations under the defined benefit pension plans. Additionally, changes in interest rates affect the liabilities under these benefit plans; as interest rates decrease, the liabilities increase, which could potentially increase funding requirements. Further, the funding requirements of the obligations related to these benefits plans may increase due to changes in governmental regulations and participant demographics, including increased numbers of retirements or longer life expectancy assumptions, as well as voluntary early retirements. In addition, lower asset returns result in increased expenses. Ultimately, significant funding requirements and increased pension or other postretirement benefit plan expenses could negatively impact our results of operations and financial position.We have significant goodwill. Any future impairments of goodwill could result in a significant charge to earnings in a future period and negatively impact our compliance with certain covenants under financing agreements.In accordance with GAAP, we test goodwill for impairment at least annually and review our definite-lived intangible assets for impairment when events or changes in circumstances indicate its fair value might be below its carrying value. Goodwill is also tested for impairment when factors, examples of which include reduced cash flow estimates, a sustained decline in stock price or market capitalization below book value, indicate that the carrying value may not be recoverable and results in a significant charge to earnings. We cannot predict the timing, magnitude, or duration of such changes. In general, the carrying value of goodwill would not be recoverable, in which case we may record a non-cash impairment charge, which could materially impact our results of operations and financial position.A significant impairment charge in the future could impact the capitalization ratio covenant under certain financing agreements. We are subject to a financial covenant under our revolving credit facility, which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of DecemberÂ 31, 2024, the ratio was 52.6%.LITIGATION, REGULATORY AND LEGISLATIVE RISKSThe outcome of legal and regulatory proceedings, investigations, inquiries, claims and litigation related to our business operations may have a material adverse effect on our results of operations, financial position or liquidity.We are, or may be, involved in legal and regulatory proceedings, investigations, inquiries, claims and litigation in connection with our business operations, the most significant of which are summarized in, Note 19, "Other Commitments and Contingencies," in the Notes to Consolidated Financial Statements. While we maintain insurance, it may not cover all costs or expenses incurred relating to litigation. Due to the inherent uncertainty of the outcomes of such matters, there can be no assurance that the resolution of any particular claim or proceeding would not have a material adverse effect on our results of operations, financial position or liquidity.Our businesses are subject to various federal, state and local laws, regulations, tariffs and policies and a failure to comply with changes in, or new or different interpretations of, such laws, regulations, tariffs and policies could have an adverse impact on our business.Our businesses are subject to various federal, state and local laws, regulations, tariffs and policies, including, but not limited to, those relating to natural gas pipeline safety, employee safety, the environment and our energy infrastructure. In particular, we are subject to significant federal, state and local regulations applicable to utility companies, including regulations by the various utility commissions in the states where we serve customers. These regulations significantly influence our operating environment, may affect our ability to recover costs from utility customers, and cause us to incur substantial compliance and other costs. Existing laws, regulations, tariffs and policies may be revised or become subject to new interpretations, and new laws, regulations, tariffs and policies may be adopted or become applicable to us and our operations. In some cases, compliance with new or different laws, regulations, tariffs and policies increases our costs or risks of liability. Supply chain constraints, both direct and indirect, including but not limited to material or labor shortages, may challenge our ability to remain in compliance with these laws, regulations, tariffs and policies and operate our business in a compliant manner. If we fail to comply with laws, regulations and tariffs applicable to us or with any changes in or new interpretations of such laws, regulations, tariffs or policies, our financial condition, results of operations, regulatory outcomes and cash flows may be materially adversely affected.Our businesses are regulated under numerous environmental laws and regulations. The cost of compliance with these laws and regulations, and changes to or additions to, or reinterpretations of the laws and regulations, could be significant, and the cost of compliance may not be recoverable. Liability from the failure to comply with existing or changed laws and regulations could have a material adverse effect on our business, results of operations, cash flows and financial condition.Our businesses are subject to extensive federal, state and local environmental laws and rules that regulate, among other things, air emissions, water usage and discharges, leak detection and repair, GHG and waste products such as CCR. Compliance with 29Table of ContentsITEMÂ 1A. RISK FACTORSNISOURCE INC.these legal obligations require us to make significant expenditures for installation of pollution control equipment, remediation, environmental monitoring, emissions fees, and permits at many of our facilities. Furthermore, if we fail to comply with environmental laws and regulations or are found to have caused damage to the environment or persons, that failure or harm may result in the assessment of civil or criminal penalties and damages against us, injunctions to remedy the failure or harm, and the inability to operate facilities as designed and intended. Further, failing to comply with such laws and regulations or a determination that we have caused damage to the environment or persons, could result in reputational damage.Existing environmental laws and regulations may be revised and new laws and regulations may be adopted or become applicable to us, with an increasing focus on the impact of coal and natural gas facilities that may result in significant additional expense and operating restrictions on our facilities, which may not be fully recoverable from customers and could materially affect the continued economic viability of our facilities.An area of significant uncertainty and risk are potential changes to the laws concerning emission of GHG. While we have set a Net Zero Goal and continue to execute our plan to reduce our GHG emissions by the increased sourcing of renewable energy, priority pipeline replacement, leak detection and repair, and other methods, GHG emissions are anticipated to be associated with energy delivery for many years. Future GHG legislation and/or regulation related to the generation of electricity or the extraction, production, distribution, transmission, storage and end use of natural gas could materially impact our gas supply, financial position, financial results and cash flows.Another area of significant uncertainty and risk are the regulations concerning CCR. The EPA has issued regulations and may promulgate additional regulations concerning the management, storage, use and disposal of

CCRs. NIPSCO is also incurring or will incur costs associated with closing, corrective action, and ongoing monitoring of certain CCR impoundments. Further, a release of CCR to the environment could result in remediation costs, penalties, claims, litigation, increased compliance costs, and reputational damage. We currently have a pending application with the EPA to continue operation of a CCR impoundment that is tied to operation of R.M. Schahfer Generating Station Units 17 and 18 to the end of 2025, with the CCR impoundment closing by October 2028. In proposed and final EPA actions denying continued operation of CCR impoundments at other utilities, EPA said that CCR impoundments should cease receipt of CCRs within 135 days of final EPA action unless certain conditions are demonstrated, such as potential reliability issues. In the event that approval is not obtained, future operations could be impacted.The actual future expenditures to achieve environmental compliance depends on many factors, including the nature and extent of impact, the method of improvement, the cost of raw materials, contractor costs, and requirements established by environmental authorities. Changes or increases in costs and the ability to recover under regulatory mechanisms could affect our financial position, financial results and cash flows.Changes in tax laws or the interpretation thereof and challenges to tax positions could adversely affect our financial results.We are subject to taxation by the various taxing authorities at the federal, state and local levels where we do business. Legislation or regulation which could affect our tax burden could be enacted or interpreted by any of these governmental authorities. The IRA imposed a 15 percent minimum tax rate on book earnings for corporations with higher than $1 billion of annual income, along with a 1 percent excise tax on corporate stock repurchases while providing tax incentives to promote various clean energy initiatives. Our NIPSCO subsidiaryâ€™s renewable portfolio is eligible for tax credits associated with the investment in renewable generation assets and production of power from those assets. Statutory changes, a challenge by a taxing authority, changes in taxing authoritiesâ€™ administrative interpretations, decisions, policies and positions, our ability to utilize tax benefits such as carryforwards or tax credits, or a deviation from other tax-related assumptions may cause actual financial results to deviate from previous estimates.30Table of ContentsITEMÂ 1B. UNRESOLVED STAFF COMMENTSNISOURCE INC.None.ITEM 1C. CYBERSECURITYNiSource has implemented and maintains a comprehensive cybersecurity program that includes a variety of security controls and measures designed to identify, assess, and manage material cybersecurity risks. The program is a part of NiSourceâ€™s enterprise risk management strategy. The enterprise risk team and the Risk Management Committee review material risks to any NiSource operating company based on perspectives from external experts, peer surveys, and the potential impact to NiSourceâ€™s enterprise assets and strategic objectives.Risk events are classified based on both the timing of impact and NiSourceâ€™s ability to preventatively mitigate the risk. For the cybersecurity risks that can be preventively mitigated, the enterprise risk team gathers quarterly updates on mitigation gap closure from risk owners. The Risk Management Committee reviews any mitigation gaps identified by risk owners and approves or rejects the pace of mitigation activities as a statement of risk tolerance and then directs that mitigation activities be included in budgets and the business plan as appropriate. The NiSource cybersecurity program includes the following key components:Risk assessment. NiSource regularly assesses its cybersecurity risks to identify and prioritize the most significant threats.â€¯The risk assessment process considers a variety of factors, including those specific to the utility/energy industry, the types of data NiSource collects and stores, and the threats posed by known vulnerabilities. NiSource engages third parties to perform independent assessments of its cybersecurity program, provide intelligence about the threat environment, and to provide operational assistance in managing the program. Annually, a third-party independent assessment is performed to evaluate NiSource cybersecurity maturity against a framework of cybersecurity controls. NiSource also performs bi-annual penetration testing and social engineering assessments performed by a third-party.Third-party risk management. NiSource performs cyber assessments periodically on third-party vendors and service providers with whom NiSource shares data, relies on for critical business functions, or provides access to the NiSource network or systems. NiSourceâ€™s Supply Chain function works with the Legal and Cyber functions to periodically update cybersecurity contractual provisions in its vendor agreements, with deviations from such provisions requiring approval from the Legal and Cyber functions. NiSourceâ€™s Supplier Code of Business Conduct requires, among other things, that suppliers ensure safe and secure use of information assets, comply with applicable law relating to personal information, and adhering to standards relative to the use and protection of Company information, including that of our employees, customers, vendors and other stakeholders. In addition, all vendors and contractors that have access and/or connectivity to the NiSource environment must complete cybersecurity training annually.Security controls. NiSource has implemented a variety of security controls to mitigate cybersecurity risks.â€¯These controls include technical controls, such as firewalls and intrusion detection systems, as well as administrative controls, such as employee training and security awareness programs. To ensure cybersecurity controls, NiSource OT within the electric business adheres to the NERC CIP. Within the natural gas business, cybersecurity controls are managed and monitored based on the TSA Security Directives. Incident response. NiSource has a comprehensive incident response plan in place to respond to cybersecurity incidents.â€¯The plan includes steps for detection, analysis, containment, eradication, and recovery from incidents, as well as steps for notifying affected individuals and regulators. The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSourceâ€™s cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings. At the management level, the CISO leads the cybersecurity program and is responsible for assessing and managing cybersecurity risks. Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource 31Table of ContentsITEMÂ 2. PROPERTIESNISOURCE INC.Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents. As of the date of filing this Annual Report on Form 10-K, NiSource is not aware of any material cybersecurity incidents during the past year.â€¯NiSource monitors the increasing sophistication of cybersecurity threats and continues to allocate resources to enhance its cybersecurity program to protect its information systems and assets. No cybersecurity program is effective to identify and mitigate all threats and NiSource cannot guarantee that it will be able to prevent all cybersecurity incidents. Such an incident could interrupt our normal operations and require us to incur significant costs to remediate any such incident and could have a material impact on our businesses, operations and financial condition. For more information regarding the risks associated with cybersecurity, refer to â€œItem 1A. Risk Factorsâ€ of this Annual Report on Form 10-K.ITEM 2. PROPERTIESDiscussed below are the principal properties held by us and our subsidiaries as of DecemberÂ 31, 2024.Columbia OperationsRefer to Item 1, "Business - Columbia Operations," of this report for further information on Columbia Operations properties.NIPSCO OperationsRefer to Item 1, "Business - NIPSCO Operations," of this report for further information on NIPSCO Operations properties. Corporate and Other OperationsWe own the Southlake Complex, our 325,000 square foot headquarters building located in Merrillville, Indiana.Character of OwnershipOur principal properties and our subsidiaries' principal properties are owned free from encumbrances, subject to minor exceptions, none of which are of such a nature as to impair substantially the usefulness of such properties. Many of our subsidiary offices in various communities served are occupied under leases. All properties are subject to routine liens for taxes, assessments and undetermined charges (if any) incidental to construction. It is our practice to regularly pay such amounts, as and when due, unless contested in good faith. In general, the electric lines, gas pipelines and related facilities are located on land not owned by us or our subsidiaries, but are covered by necessary consents of various governmental authorities or by appropriate rights obtained from owners of private property. We do not, however, generally have specific easements from the owners of the property adjacent to public highways over, upon or under which our electric lines and gas distribution pipelines are located. At the time each of the principal properties was purchased, a title search was made. In general, no examination of titles as to rights-of-way for electric lines, gas pipelines or related facilities was made, other than examination, in certain cases, to verify the grantorsâ€™ ownership and the lien status thereof.ITEM 3. LEGAL PROCEEDINGSFor a description of our legal proceedings, see Note 19, "Other Commitments and Contingencies - C. Legal Proceedings," in the Notes to Consolidated Financial Statements. ITEMÂ 4. MINE SAFETY DISCLOSURESNot applicable.32Table of ContentsPART IIIITEMÂ 5. MARKET FOR REGISTRANTâ€™S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIESNISOURCE INC.NiSourceâ€™s common stock is listed and traded on the New York Stock Exchange under the symbol "NI." Holders of shares of NiSourceâ€™s common stock are entitled to receive dividends if and when declared by the Board out of funds legally available. There is no preferred stock outstanding as of December 31, 2024. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August, and November. At its JanuaryÂ 23, 2025 meeting, the Board declared a quarterly common dividend of $0.280 per share, payable on FebruaryÂ 20, 2025 to holders of record on FebruaryÂ 3, 2025.Although the Board currently intends to continue the payment of regular quarterly cash dividends on common shares, the timing and amount of future dividends will depend on the earnings of NiSourceâ€™s subsidiaries, their financial condition, cash requirements, regulatory restrictions, any restrictions in financing agreements and other factors deemed relevant by the Board. There can be no assurance that NiSource will continue to pay such dividends or the amount of such dividends.As of FebruaryÂ 5, 2025 NiSource had 14,161 common stockholders of record and 469,939,639 shares outstanding.The graph below compares the cumulative total shareholder return of NiSourceâ€™s common stock for the period commencing December 31, 2019 and ending December 31, 2024 with the cumulative total return for the same period of the S&P 500 and the Dow Jones Utility indices. The foregoing performance graph is being furnished as part of this Annual Report on Form 10-K solely in accordance with the requirement under Rule 14a-3(b)(9) to furnish stockholders with such information, and therefore, shall not be deemed to be filed or incorporated by reference into any filings by NiSource under the Securities Act or the Exchange Act.The total shareholder return for NiSource common stock and the two indices is calculated from an assumed initial investment of $100 and assumes dividend reinvestment.Purchases of Equity Securities by Issuer and Affiliated Purchasers. For the three months ended DecemberÂ 31, 2024, no equity securities that are registered by NiSource Inc. pursuant to Section 12 of the Securities Exchange Act of 1934 were purchased by or on behalf of us or any of our affiliated purchasers.33Table of ContentsITEM 6. RESERVEDNISOURCE INC.Not applicable. 34Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSNISOURCE INC.IndexPageExecutive Summary35Summary of Consolidated Financial Results38Results and Discussion of Operations39Columbia Operations40NIPSCO Operations43Liquidity and Capital Resources48Market Risk Disclosures52Other Information53EXECUTIVE SUMMARYThis Management's Discussion and Analysis of Financial Condition and Results of Operations ("Management's Discussion") includes managementâ€™s analysis of past financial results and certain potential factors that may affect future results, potential future risks and approaches that may be used to manage those risks. See "Note regarding forward-looking statements" and Item 1A, "Risk Factors" at the beginning of this report for a list of factors that may cause results to differ materially. Refer to the "Business" section under Item 1 of this Annual Report on Form 10-K and Note 21, "Business Segment Information," in the Notes to Consolidated Financial Statements for further discussion of our regulated utility business segments.This Management's Discussion is designed to provide an understanding of our operations and financial performance and should be read in conjunction with our Consolidated Financial Statements and related Notes to Consolidated Financial Statements in this Annual Report on Form 10-K.We are an energy holding company under the Public Utility Holding Company Act of 2005 whose subsidiaries are fully regulated natural gas and electric utility companies serving customers in six states. We generate substantially all of our operating income through these rate-regulated businesses, which are summarized for financial reporting purposes into two primary reportable segments: Columbia Operations and NIPSCO Operations.Our vision is to be a premier, innovative and trusted energy partner. We exist to deliver safe, reliable energy that drives value to our customers. In order to achieve this goal, we seek to develop strategies that benefit all stakeholders as we (i) support long-term infrastructure investment and safety programs to better serve our customers, (ii) align our tariff structures with our cost structure, and (iii) drive value and enable growth in an evolving energy ecosystem. These strategies focus on improving safety and reliability, enhancing customer experience, pursuing regulatory and legislative initiatives to increase accessibility for customers currently not on our gas and electric service, ensuring customer affordability and reducing emissions while generating sustainable returns. The safety of our customers, communities and employees remains our focus. Serving as a guiding practice for our SMS, NiSource is certified in conformance to the American Petroleum Institute Recommended Practice 1173, which is the foundation to our journey towards operational excellence. 2024 Overview: In 2024, we continued to make significant progress on the remaining portfolio of projects that will enable our electric generation transition, including placing one solar and battery project into service and receiving approval of a new gas peaking facility. During the year, we received orders for three rate cases: Columbia of Pennsylvania, Columbia of Kentucky, and NIPSCO Gas. In addition, the Columbia of Virginia, Columbia of Maryland and NIPSCO Electric rate cases filed in 2024 are anticipated to be resolved during 2025 with balanced outcomes supporting all stakeholders. We continued to build and advance our SMS by successfully maintaining our certification of conformance for API 1173 and achieving LRQAâ€™s ISO 50001 certification. Between our Columbia and NIPSCO Operating Segments, we added 21,000 customers. We also invested $1.5 billion in infrastructure modernization to enhance safe, reliable service, including replacement of 288 miles of distribution main and service lines, 24 miles of underground cable and 1,240 electric poles. We achieved the first major milestone in our Transformation road map and continue to increase the efficiency of our operating companies.The following describes in more detail the advancements we have made in our key strategic initiatives.Energy Transition: We are advancing our energy transition strategy primarily through the continuation and enhancement of existing programs, such as retiring and replacing remaining coal-fired electric generation by 2028 with a balanced mix of low or zero-emission electric generation and battery storage, ongoing pipe replacement and modernization programs, and deployment of advanced leak detection and repair. Our electric generation transition, initiated through our 2018 Integrated Resource Plan 35Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.("2018 Plan") is well underway, and we are continually adjusting to the dynamic energy landscape. As of December 31, we have placed in service owned renewable and storage projects, developed under BTAs, with combined nameplate capacities of 1,065 MW and 45 MW respectively. Renewable PPA projects with a combined nameplate capacity of 600 MW have also been placed in service. In addition, renewable and storage BTA projects with combined nameplate capacities of 1,085 MW and 56 MW, respectively, and renewable PPA projects with a combined nameplate capacity of 600 MW were under development as of December 31, all of which have received IURC approval. The capacity figure for BTA projects in development includes the Templeton Wind project. In October 2024, NIPSCO contracted with a developer to convert the previously approved Templeton Wind PPA to a BTA and has provided a notice of intent to file a CPCN with the IURC. In 2024, the IURC approved full ownership of the Cavalry, Dunns Bridge II, Fairbanks and Gibson and the cost of the Fairbanks project as contemplated in contractual actions. Full ownership of these projects allows NIPSCO to leverage provisions of the IRA, monetize renewable tax credits more effectively, and provide enhanced benefits to customers as compared to the previous tax equity partnership structure approved by the IURC. We remain on track to retire R.M Schahfer's remaining two coal units by the end of 2025. For additional information, see "Results and Discussion of Operations - NIPSCO Operations," in this Management's Discussion.NIPSCO's 2021 Integrated Resource Plan ("2021 Plan") lays out a timeline to retire the Michigan City Generating Station by the end of 2028. The 2021 Plan calls replacing the retiring coal units with a diverse portfolio of resources including demand side management resources, renewables, stand-alone energy storage and upgrades to existing facilities at the Sugar Creek Generating Station, among other steps. In 2024, Sugar Creek completed an Advanced Gas Path Tech upgrade that will enhance its overall production capabilities. Additionally, the 2021 Plan calls for a new natural gas peaking facility to replace existing vintage gas peaking facilities at the R.M. Schahfer Generating Station to support system reliability and resiliency, and upgrades to the electric transmission system. In October 2024, we received approval for the issuance of a CPCN for an approximately 400 MW natural gas peaking generation facility from the IURC. The planned retirement of the two vintage gas peaking facilities at the R.M. Schahfer Generating Station is also expected to occur by the end of 2028. Final retirement dates for these units, as well as Michigan City, will be subject to MISO approval.NIPSCOâ€™s 2024 Plan was submitted to the IURC on December 9, 2024. The 2024 Plan informs future generation investments required to ensure reliability for NIPSCOâ€™s customers and incorporates factors such as anticipated load growth from data centers and other economic development opportunities, new EPA emissions rules, and evolving MISO resource accreditation rules. We have seen an acceleration of customer interest in our northern Indiana service territory in the form of data center development. We believe data center development can enhance our local tax base, diversify the employment base across the state of Indiana, and provide greater value to existing customers and shareholders. We are evaluating the potential for data center development in our service territory, including ways to effectively manage the potential power demand, generation sources, and transmission capabilities to meet potential load growth from any data center customer, while at the same time focusing on our environmental goals. We expect the management of large load growth would require new generation resources, including gas-fired resource, and transmission capabilities.We plan to move as efficiently as possible while maintaining the integrity of our commercial, planning, regulatory, procurement and operational execution processes. We continue to enhance safety and reduce methane emissions on our gas systems through modernization programs and utilization of advanced leak detection and repair. In addition, we plan to advance other low- or zero-emission energy resources and technologies, such as hydrogen and renewable natural gas.

Transformation: Our enterprise-wide transformation roadmap focuses on operational excellence, safety, operation and maintenance management, and unlocking efficiencies. We are committed to identifying and implementing initiatives that will enable us to streamline work and improve processes company-wide. These efforts include investments in proven technologies backed with standardized processes that will change the way we plan, schedule, and execute work in the field and how we engage and provide service to our customers. Taken together, all of our optimization initiatives will prioritize safety and continue to optimize our long-term growth profile. We are making progress towards our transformation goals with a successful completion of the first phase of our WAM program, an enterprise resource planning system that will optimize the scheduling, dispatch, and execution of our field operations. This phase of the program implemented the solution within our electric distribution and transmission operations, while the remaining phases associated with gas distribution and generation operations are anticipated to be completed by the end of 2025. Economic Environment: We continue to monitor risks related to order and delivery lead times for construction and other materials, potential unavailability of materials due to global shortages in raw materials, and decreased construction labor productivity in the event of disruptions in the availability of materials. We continue to see increasing prices associated with certain materials and supplies. To the extent that work plan delays occur or our costs increase, our business operations, results 36Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.of operations, cash flows, and financial condition could be materially adversely affected. Refer to Item 1A. Risk Factors, "Financial, Economic and Market Risks" of this Annual Report on Form 10-K for further detail.We are faced with increased competition for employee and contractor talent in the current labor market which has resulted in increased costs to attract and retain talent. We are ensuring that we use all internal human capital programs (development, leadership enablement programs, succession, performance management) to promote retention of our current employees along with having a competitive and attractive appeal for potential recruits. With a focus on workforce planning, we are evaluating our future talent footprint by creating flexible work arrangements where possible to support a broader talent footprint for sourcing needed talent. Refer to Item 1A. Risk Factors, "Operational Risks" of this Annual Report on Form 10-K for further detail.The market price of natural gas was stable during 2024 and was very close to levels seen in 2023. Similar to natural gas pricing, electric commodity costs have remained stable due to available supplies of natural gas and coal and the growing influence of renewable generation on power market pricing. Changes in commodity prices do not have a material impact on our results of operations, however higher commodity prices can impact our cash flows and liquidity. For more information on our commodity price impacts, see Item 1A. Risk Factors, "Operational Risks" of this Annual Report on Form 10-K, "Results and Discussion of Segment Operations - Columbia Operations," "Results and Discussion of Segment Operations - NIPSCO Operations," and "Market Risk Disclosures."We continue to evaluate our financing plan to manage interest expense and exposure to rates. For more information on interest rate risk, see "Market Risk Disclosures" and Item 1A. Risk Factors, "Financial, Economic and Market Risks" of this Annual Report on Form 10-K.NIPSCO Minority Interest Transaction: On December 31, 2023, contemporaneously with the closing of the NIPSCO Minority Interest Transaction, Blackstone, NIPSCO Holdings I, NIPSCO Holdings II, and NiSource entered into an Amended and Restated Limited Liability Company Agreement (the "LLC Agreement") of NIPSCO Holdings II. On January 31, 2024, BIP transferred a 4.5% equity interest in NIPSCO Holdings II to BIP Blue Buyer VCOC L.L.C., a Delaware limited liability company and also an affiliate of Blackstone. Effective upon the closing of this transfer, the members of NIPSCO Holdings II entered into a Second Amended and Restated Limited Liability Company Operating Agreement of NIPSCO Holdings II (the "Amended LLC Agreement"). The two affiliates of Blackstone must vote their equity holdings under the Amended LLC Agreement as one investor. Refer to Note 4, "Noncontrolling Interests," in the Notes to the Consolidated Financial Statements for more information on this transaction.37Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Summary of Consolidated Financial ResultsA summary of our consolidated financial results for the years ended DecemberÂ 31, 2024, 2023 and 2022, are presented below:Favorable (Unfavorable)Year Ended DecemberÂ 31, (in millions, except per share amounts)2024202320222024 vs. 20232023 vs. 2022Operating Revenues$5,455.1Â $5,505.4Â $5,850.6Â (50.3)(345.2)Operating ExpensesCost of energy1,132.2Â 1,533.3Â 2,110.5Â 401.1Â 577.2Â Other Operating Expenses2,867.4Â 2,676.6Â 2,474.3Â (190.8)(202.3)Total Operating Expenses3,999.6Â 4,209.9Â 4,584.8Â 210.3Â 374.9Â Operating Income 1,455.5Â 1,295.5Â 1,265.8Â 160.0Â 29.7Â Total Other Deductions, Net(452.7)(481.6)(309.4)28.9Â (172.2)Income Taxes158.1Â 139.5Â 164.6Â (18.6)25.1Â Net Income844.7Â 674.4Â 791.8Â 170.3Â (117.4)Net (loss) income attributable to noncontrolling interest84.3Â (39.9)(12.3)(124.2)27.6Â Net Income attributable to NiSource760.4Â 714.3Â 804.1Â 46.1Â (89.8)Preferred dividends and redemption premium(20.7)(52.6)(55.1)31.9Â 2.5Â Net Income Available to Common Shareholders739.7Â 661.7Â 749.0Â 78.0Â (87.3)Basic Earnings Per Share$1.63Â $1.59Â $1.84Â $0.04Â $(0.25)Diluted Earnings Per Share$1.62Â $1.48Â $1.70Â $0.14Â $(0.22)The majority of the costs of energy in both segments are tracked costs that are passed through directly to the customer, resulting in an equal and offsetting amount reflected in operating revenues.The increase in net income available to common shareholders during 2024 was primarily due to higher revenues, net of cost of energy, driven by our continued investment in safety, reliability and low- or zero-emission generation as well as increased AFUDC, reported in Other Deductions, Net, primarily related to NIPSCO's wholly owned Cavalry and Dunns Bridge II projects. The increase in net income available to common shareholders is partially offset by higher depreciation expense attributed to our planned capital expenditures, higher interest expense and higher net income attributable to noncontrolling interest following the consummation of the NIPSCO Minority Interest Transaction. See Note 6, "Equity," for additional information.For additional information on operating income variance drivers see "Results and Discussion of Operations" for Columbia Operations and NIPSCO Operations in this Management's Discussion. Other Deductions, NetThe change in Other deductions, net in 2024 compared to 2023 is primarily driven by higher long-term debt interest in 2024 offset by increases in AFUDC. See Note 7, "Short-Term Borrowings,"and Note 8, "Long-Term Debt," in the Notes to Consolidated Financial Statements for additional information.Income TaxesThe increase in income tax expense in 2024 compared to the same period in 2023 is primarily due to higher pre-tax income, partially offset by the tax effect of non-controlling interest. Refer to Note 15, "Income Taxes," in the Notes to Consolidated Financial Statements for additional information on income taxes and the change in the effective tax rate.38Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.RESULTS AND DISCUSSION OF OPERATIONSPresentation of Segment InformationIn response to the NIPSCO Minority Interest Transaction, our operations are now evaluated through two primary reportable segments, Columbia Operations and NIPSCO Operations. Our historical segment disclosures have been recast to be consistent with the current presentation. Columbia Operations aggregates the results of the fully regulated and wholly owned subsidiaries of NiSource Gas Distribution Group, Inc. Each Columbia distribution company is an operating segment which we aggregate to form the Columbia Operations reportable segment. NIPSCO Operations aggregates the results of NIPSCO Holdings I, and its majority-owned subsidiaries, including NIPSCO, which has both fully regulated gas and electric operations in northern Indiana. The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as a reportable segment, are presented as "Corporate and Other" within the Notes to the Consolidated Financial Statements and primarily are comprised of interest expense on holding company debt, and unallocated corporate costs and activities.39Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Columbia Operations Financial and operational data for the Columbia Operations segment for the years ended DecemberÂ 31, 2024, 2023 and 2022, are presented below:Favorable (Unfavorable)Year Ended DecemberÂ 31, (in millions)2024202320222024 vs. 20232023 vs. 2022Operating Revenues$2,716.0Â $2,746.1Â $2,964.4Â (30.1)(218.3)Operating ExpensesCost of energy514.7Â 645.0Â 978.4Â 130.3Â 333.4Â Operation and maintenance837.5Â 792.3Â 791.3Â (45.2)(1.0)Depreciation and amortization409.1Â 371.7Â 329.4Â (37.4)(42.3)Loss on impairment of assets2.7Â â€”Â â€”Â (2.7)â€”Â Loss (gain) on sale of assets, net4.7Â â€”Â (103.9)(4.7)(103.9)Other taxes218.6Â 198.8Â 184.2Â (19.8)(14.6)Total Operating Expenses1,987.3Â 2,007.8Â 2,179.4Â 20.5Â 171.6Â Operating Income$728.7Â $738.3Â $785.0Â (9.6)(46.7)RevenuesResidential$1,891.5Â $1,882.8Â $1,918.1Â $8.7Â $(35.3)Commercial588.4Â 606.2Â 674.8Â (17.8)(68.6)Industrial145.2Â 139.5Â 136.4Â 5.7Â 3.1Â Off-System42.6Â 60.7Â 192.8Â (18.1)(132.1)Other48.3Â 56.9Â 42.3Â (8.6)14.6Â Total$2,716.0Â $2,746.1Â $2,964.4Â (30.1)(218.3)Sales and Transportation (MMDth)Residential153.2Â 155.2Â 180.2Â (2.0)(25.0)Commercial121.8Â 120.4Â 134.3Â 1.4Â (13.9)Industrial277.9Â 255.3Â 243.2Â 22.6Â 12.1Â Off-System23.8Â 31.8Â 32.3Â (8.0)(0.5)Other0.2Â 0.3Â 0.3Â (0.1)â€”Â Total576.9Â 563.0Â 590.3Â 13.9Â (27.3)Heating Degree Days4,262Â 4,373Â 5,195Â (111)(822)Normal Heating Degree Days5,134Â 5,137Â 5,137Â (3)â€”Â % (Warmer) Colder than Normal(17)%(15)%1Â %% (Warmer) Colder than Prior Year(3)%(16)%8Â %Gas Distribution CustomersResidential2,225,5642,215,2932,201,99910,271Â 13,294Â Commercial188,699188,561188,374138Â 187Â Industrial1,9911,9861,9955Â (9)Other5431Â 1Â Total2,416,2592,405,8442,3 of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Columbia Operations (continued)Comparability of operation and maintenance expenses, depreciation and amortization, and other taxes may be impacted by regulatory, depreciation and tax trackers that allow for the recovery in rates of certain costs.The underlying reasons for changes in our operating revenues and expenses from 2024 to 2023 are presented in the respective tables below. Favorable (Unfavorable)Changes in Operating Revenues (in millions)2024 vs 2023New rates from base rate proceedings and regulatory capital programs$112.5Â The effects of customer growth6.2Â The effects of customer usage5.9Â The effects of weather in 2024 compared to 2023(5.2)Other(4.2)Change in operating revenues (before cost of energy and other tracked items)$115.2Â Operating revenues offset in operating expenseLower cost of energy billed to customers(130.3)Lower tracker recoveries within operation and maintenance, depreciation, and tax(15.0)Total change in operating revenues$(30.1)WeatherIn general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal heating degree days, net of weather normalization mechanisms. Our composite heating degree days reported do not directly correlate to the weather-related dollar impact on the results of Columbia Operations. Heating degree days experienced during different times of the year or in different operating locations may have more or less impact on volume and dollars depending on when and where they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite heating degree day comparison.ThroughputThe increase in total volumes sold and transported in 2024 compared to 2023 of 13.9 MMDth is primarily attributable to the increased industrial usage offset by off-system sales.41Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Columbia Operations (continued)Commodity Price ImpactCost of energy for the Columbia Operations segment is principally comprised of the cost of natural gas procured on behalf of and sold to customers while providing transportation and distribution services. All of our Columbia Operations companies have state-approved recovery mechanisms that provide a means for full recovery of prudently incurred gas costs. These are tracked costs that are passed through directly to the customer, and the gas costs included in revenues are matched with the gas cost expense recorded in the period. Any difference in actual costs incurred and amounts billed to customers is recorded on the Consolidated Balance Sheets as under-recovered or over-recovered gas cost to be included in future customer billings. Therefore, increases in these tracked operating expenses are offset by increases in operating revenues and have essentially no impact on net income. Certain Columbia Operations companies continue to offer choice opportunities, where customers can choose to purchase gas from a third-party supplier, through regulatory initiatives in their respective jurisdictions. Favorable (Unfavorable)Changes in Operating Expenses (in millions)2024 vs 2023Higher employee related expenses$(47.5)Higher depreciation and amortization expense(37.4)Higher property tax (17.2)Loss on sale of assets and impairments(7.4)Higher materials and supplies expense(7.0)Other(8.3)Change in operating expenses (before cost of energy and other tracked items)$(124.8)Operating expenses offset in operating revenueLower cost of energy billed to customers130.3Â Higher tracker recoveries within operation and maintenance, depreciation, and tax15.0Â Total change in operating expense$20.5Â 42Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.NIPSCO OperationsFinancial and operational data for the NIPSCO Operations segment, which services both gas and electric customers, for the years ended DecemberÂ 31, 2024, 2023 and 2022, are presented below:Favorable (Unfavorable)Year Ended DecemberÂ 31, (in millions)2024202320222024 vs. 20232023 vs. 2022NIPSCO OperationsOperating Revenues$2,752.0Â $2,771.6Â $2,887.1Â (19.6)(115.5)Operating ExpensesCost of energy617.5Â 888.3Â 1,132.1Â 270.8Â 243.8Â Operation and maintenance761.4Â 787.7Â 740.4Â 26.3Â (47.3)Depreciation and amortization590.3Â 493.8Â 449.4Â (96.5)(44.4)Loss on impairment of assets0.4Â â€”Â â€”Â (0.4)â€”Â Loss (gain) on sale of assets, net(1.7)2.2Â â€”Â 3.9Â (2.2)Other taxes64.3Â 57.9Â 72.1Â (6.4)14.2Â Total Operating Expenses2,032.2Â 2,229.9Â 2,394.0Â 197.7Â 164.1Â Operating Income$719.8Â $541.7Â $493.1Â $178.1Â $48.6Â Favorable (Unfavorable)Year Ended DecemberÂ 31, (in millions)2024202320222024 vs. 20232023 vs. 2022NIPSCO ElectricRevenuesResidential$649.9Â $583.9Â $592.4Â $66.0Â $(8.5)Commercial620.4Â 578.1Â 571.0Â 42.3Â 7.1Â Industrial500.0Â 475.0Â 561.4Â 25.0Â (86.4)Wholesale38.3Â 32.0Â 13.5Â 6.3Â (GWh)Residential3,404.9Â 3,262.9Â 3,482.9Â 142.0Â (220.0)Commercial3,697.9Â 3,614.2Â 3,682.4Â 83.7Â (68.2)Industrial7,984.8Â 7,820.3Â 7,915.3Â 164.5Â (95.0)Wholesale889.7Â 556.4Â 50.(Degree Days903Â 710Â 942Â 193Â (232)Normal Cooling Degree Days852Â 831Â 831Â 21Â â€”Â % Warmer (Colder) than Normal6Â %(15)%13Â %% Warmer (Colder) than prior year27Â %(25)%(8)%NIPSCO Electric CustomersResidential430,648Â 427,217Â 424,735Â 3,431Â 2,482Â Commercial59,214Â 58,779Â 58,374Â 435Â 405Â Industrial2,121Â 2,126Â 2,130Â (5)(4)Wholesale705Â 708Â 710Â (3)(2)Other2Â 3Â 3Â (1)â€”Â Total492,690Â 488,833Â 485,952Â 3,857Â 2,881Â 43Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.NIPSCO OperationsFavorable (Unfavorable)Year Ended DecemberÂ 31, (in millions)2024202320222024 vs. 20232023 vs. 2022NIPSCO GasRevenuesResidential$540.9Â $634.9Â $691.5Â (94.0)(56.6)Commercial202.4Â 249.1Â 267.6Â (46.7)(18.5)Industrial79.0Â 86.9Â 85.1Â (7.9)1.8Â Other16.1Â 15.7Â 11.2Â 0.4Â 4.5Â Total$838.4Â $986.6Â $1,055.4Â (148.2)(68.8)Sales and Transportation Volumes (MMDth)Residential58.2Â 60.3Â 68.8Â (2.1)(8.5)Commercial42.5Â 43.9Â 47.0Â (1.4)(3.1)Industrial256.8Â 261.8Â 247.5Â (5.0)14.3Â Total357.5Â 366.0Â 363.3Â (8.5)2.7Â Heating Degree Days4,975Â 5,198Â 6,133Â (223)(935)Normal Heating Degree Days6,001Â 5,954Â 5,985Â 47Â (31)% (Warmer) Colder than Normal(17)%(13)%2Â %% (Warmer) Colder than prior year(4)%(15)%10Â %NIPSCO Gas CustomersResidential801,740Â 795,656Â 789,914Â 6,084Â 5,742Â Commercial66,633Â 66,305Â 66,062Â 328Â 243Â Industrial2,734Â 2,808Â 2,875Â (74)(67)Total871,107Â 864,769Â 858,851Â 6,338Â 5,918Â 44Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.NIPSCO Operations (continued)Comparability of operation and maintenance expenses and depreciation and amortization may be impacted by regulatory and depreciation trackers that allow for the recovery in rates of certain costs.The underlying reasons for changes in our operating revenues and expenses from 2024 to 2023 are presented in the respective tables below.Favorable (Unfavorable)Changes in Operating Revenues (in millions)2024 vs 2023New rates from base rate proceedings, regulatory capital, and DSM programs$238.4Â Renewable Joint Venture revenue, fully offset by Joint Venture operating expense and noncontrolling interest net income (loss)17.5Â The effects of customer usage11.9Â The effects of customer growth11.2Â Decreased fuel handling costs9.7Â Other(6.2)Change in operating revenues (before cost of energy and other tracked items)$282.5Â Operating revenues offset in operating expenseLower cost of energy billed to customers(270.8)Lower tracker deferrals within operation and maintenance, depreciation and tax(32.4)Reduction in gross receipts tax, offset in operating expenses1.1Â Total change in operating revenues$(19.6)WeatherThe results of operations for the NIPSCO Operations segment include income from both electric and gas service lines. In general, we calculate the weather-related revenue variance based on changing customer demand driven by weather variance from normal cooling degree days and normal heating degree days, net of weather normalization mechanisms. Our composite cooling and heating degree days reported do not directly correlate to the weather-related dollar impact on the results of NIPSCO Operations. Cooling and heating degree days experienced during different times of the year or in different operating locations may have more or less impact on volume and dollars depending on when they occur. When the detailed results are combined for reporting, there may be weather-related dollar impacts on operations when there is not an apparent or significant change in our aggregated composite cooling and heating degree day comparison.SalesThe increase in total volumes sold to electric customers for twelve months ended DecemberÂ 31, 2024 compared to the same period in 2023 was primarily attributable to increased usage by wholesale, industrial, and residential customers. NIPSCO Electric results remains closely linked to the performance of the steel industry. MWh sales to steel-related industries accounted for approximately 49.4% and 49.6% of the total industrial MWh sales for the years ended DecemberÂ 31, 2024 and 2023, respectively.The decrease in total volumes sold to gas customers for the twelve months ended DecemberÂ 31, 2024 compared to the same period in 2023 was primarily attributable to decreased usage by industrial customers.Commodity Price ImpactCost of energy for the NIPSCO Operations segment's electric activities is principally comprised of the cost of

coal, natural gas purchased for internal generation of electricity, transportation of coal and natural gas, and the cost of power purchased from generators of electricity for its generation anÂ Â Â Â d transmission activities. For its gas distribution activities, NIPSCO Operations' cost of energy is principally comprised of the cost of natural gas procured on behalf of and sold to customers while providing transportation and distribution services. NIPSCO Operations has a state-approved recovery mechanism that provides a means for full recovery of prudently incurred costs of energy. The majority of these costs of energy are passed through directly to the customer, and the costs of energy included in operating revenues are matched with the cost of energy expense recorded in the period. Any difference in actual costs incurred and amounts billed to customers is recorded on the Consolidated Balance Sheets 45Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.NIPSCO Operations (continued)as under-recovered or over-recovered fuel and gas cost to be included in future customer billings. Therefore, increases in these tracked operating expenses are offset by increases in operating revenues and have essentially no impact on net income. Favorable (Unfavorable)Changes in Operating Expenses (in millions)2024 vs 2023Higher depreciation and amortization expense driven by new base rates $(91.1)Higher employee and administrative expenses(21.8)Higher outside services expenses(8.6)Higher environmental remediation costs(4.7)Lower materials and supplies8.9Â Renewable Joint Venture operating expense, partially offset by Joint Venture operating revenues7.6Â Other5.3Â Change in operating expenses (before cost of energy and other tracked items)$(104.4)Operating expenses offset in operating revenueLower cost of energy billed to customers270.8Â Higher tracker deferrals within operation and maintenance, depreciation and tax32.4Â Reduction in gross receipts tax, offset in operating revenues(1.1)Total change in operating expense$197.7Â Electric Supply and Generation TransitionNIPSCO continues to execute on an electric generation transition consistent with the 2018 Plan and 2021 Plan and maintained in the 2024 Plan, which outlines the path to retire the remaining two coal units at R.M. Schahfer by the end of 2025 and the remaining coal-fired generation at Michigan City by the end of 2028, to be replaced by lower-cost, reliable and cleaner options. See "Liquidity and Capital Resources" in this Management's Discussion for additional information on our capital investment spend.NIPSCO continues to await EPA decision on an administrative approval associated with the operation of R.M. Schahferâ€™s remaining two coal units, which are expected to be retired by the end of 2025. In the event that the approval is not obtained, future operations could be impacted. We cannot estimate the financial impact on us if this approval is not obtained. Refer to Item 1A. Risk Factors, "Operational Risks," of this Annual Report on Form 10-K for further detail.The current replacement plan primarily includes renewable sources of energy, including wind, solar, battery storage, and flexible natural gas resources to be obtained through a combination of NIPSCO ownership and PPAs. NIPSCO has sold, and may in the future sell, renewable energy credits from its renewable generation to third parties to offset customer costs. NIPSCO has executed several PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. Each facility supplying the energy will have an associated nameplate capacity, and payments under the PPAs will not begin until the associated generation facility is constructed by the owner/seller. NIPSCO has also executed several BTAs with developers to construct renewable generation facilities. Since 2020, two wind PPA projects and six owned projects (two wind, two solar and two solar plus storage) have been placed into service totaling 2,201 MW of nameplate capacity, including Dunns Bridge II which was placed into service in January 2025. NIPSCO has executed commercial agreements for each of the six remaining identified projects. Fairbanks, Gibson, Green River, Appleseed and Carpenter have received IURC approval. The Templeton Wind project previously received approval as a PPA, however, NIPSCO has contracted with a developer to convert the PPA to a BTA and has provided a notice of intent to file a CPCN with the IURC. In January 2024, the IURC approved increases to the project costs as well as the full ownership of Cavalry and Dunns Bridge II. In August 2024, the IURC approved full ownership of Gibson and Fairbanks as well as increases to the cost of the Fairbanks project. In October 2024, the IURC approved the CPCN for NIPSCO's planned gas peaking facility to be located at the R.M. Schahfer Generating Station. See "Executive Summary - Energy Transition" in this Management's 46Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.NIPSCO Operations (continued)Discussion for additional information. We expect our remaining contracted BTA and PPA projects to be placed in service between 2025 and 2027.Remaining Renewables ProjectsTransaction TypeTechnologyNameplate Capacity (MW)Storage Capacity (MW)FairbanksBTASolar250â€”GibsonBTASolar 200â€”TempletonBTA(1)Wind200â€”Green River20 year PPASolar200â€”Appleseed20 year PPASolar200â€”Carpenter20 year PPAWind200â€”(1) Pending regulatory approval.47Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Liquidity and Capital ResourcesWe continually evaluate the availability of adequate financing to fund our ongoing business operations, working capital and core safety and infrastructure investment programs. Our financing is sourced through cash flow from operations and the issuance of debt and/or equity. External debt financing is provided primarily through the issuance of long-term debt, accounts receivable securitization programs and our $1.85 billion commercial paper program, which is backstopped by our committed revolving credit facility with a total availability from third-party lenders of $1.85 billion. Sources of financing activities for the current year are as follows:â€¢On December 31, 2023, we consummated the NIPSCO Minority Interest Transaction in exchange for a capital contribution of $2.16 billion in cash. â€¢On January 3, 2024, we applied the proceeds from the NIPSCO Minority Interest Transaction and repaid in full our $1.0 billion term credit agreement and our $650.0 million term credit agreement. â€¢On February 22, 2024, we entered into an ATM equity program that provides an opportunity to issue and sell shares of our common stock up to an aggregate issuance of $900.0 million through December 31, 2025. As of December 31, 2024, the ATM program had approximately $297.7 million of equity available for issuance. â€¢On March 14, 2024, we completed the issuance and sale of $650.0 million of 5.350% senior unsecured notes maturing in 2034, which resulted in approximately $642.6 million of net proceeds after discount and debt issuance costs.â€¢On March 15, 2024, we redeemed all 20,000 outstanding shares of Series B Preferred Stock for a redemption price of $25,000 per share and all 20,000 outstanding shares of Series B-1 Preferred Stock for a redemption price of $0.01 per share or $500.0 million in total. â€¢On May 16, 2024, we completed the issuance and sale of $500.0 million of 6.950% fixed-to-fixed reset rate junior subordinated notes maturing in 2054, which resulted in approximately $493.4 million of net proceeds after debt issuance costs. â€¢On June 24, 2024, we completed the issuance and sale of $600.0 million of 5.200% senior unsecured notes maturing in 2029, which resulted in approximately $593.7 million of net proceeds after discount and debt issuance costs. â€¢On September 9, 2024, we completed the issuance and sale of $500.0 million of 6.375% fixed-to-fixed reset rate junior subordinated notes maturing in 2055, which resulted in approximately $493.6 million of net proceeds after debt issuance costs. See Note 4, "Noncontrolling Interests,", Note 6, "Equity," Note 7, "Short-Term Borrowings," and Note 8, "Long-Term Debt," in the Notes to the Consolidated Financial Statements for more information. We believe these sources provide adequate capital to fund our operating activities and capital expenditures in 2025 and beyond. Operating ActivitiesNet cash from operating activities for the year ended DecemberÂ 31, 2024 was $1,781.5 million, a decrease of $153.6 million from 2023. This decrease in cash from operating activities was primarily driven by year over year change in accounts receivable collections and exchange gas receivables due to the impact of lower gas prices, offset by a year over year increase in revenue, net of cost of energy and higher accounts payables due to increased gas purchases.Investing ActivitiesNet cash used for investing activities for the year ended DecemberÂ 31, 2024 was $3,213.0 million, a decrease of $358.6 million from 2023. Lower current year investing activities were primarily driven by lower milestone payments to renewable generation asset developers for certain of our BTA projects in 2024 compared to 2023.48Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Capital Expenditures. The table below reflects actual capital expenditures and certain other investing activities by segment for 2024. Actual(in millions)2024Columbia OperationsSystem Growth and Tracker$923.0Â Maintenance286.0Â Total Columbia Operations1,209.0Â NIPSCO OperationsSystem Growth and Tracker754.0Â Maintenance492.0Â Generation Transition Investments1,006.4Â Total NIPSCO Operations2,252.4Â Corporate and Other Operations - Maintenance(1)231.1Â Total Capital Expenditures(2)$3,692.5Â (1) Certain amounts may subsequently be allocated out of Corporate and Other Maintenance Costs to the Columbia Operations and NIPSCO Operations segments when placed in service.(2)Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the capitalized portion of the Corporate Incentive Plan payout, inclusion of capital expenditures included in current liabilities and AFUDC Equity. In addition to these capital expenditures, we made $29.0Â million of advanced deposits for project costs related to the construction of the R.M. Schahfer gas peaker as part of our generation transition and invested $65.7 million in deferred cloud computing costs in 2024. We also made $454.2 million of capital investments in the form of milestone payments to the renewable generation asset developers in 2023 that were recognized in capital expenditures in 2024. We expect to make capital investments totaling approximately $19.4 billion during the 2025-2029 period related to infrastructure modernization, generation transition and customer growth. This forecast incorporates an estimated $1.6 billion of additional investment in renewable generation projects.(in billions)2024 Actual2025 Estimated2026 Estimated2027 Estimated2028 Estimated2029 EstimatedCapital Investments$3.3$4.0 - 4.3$3.4 - 3.7$3.6 - 3.9$3.7 - 4.0$3.8 - 4.1Regulatory Capital Programs. We are in the process of upgrading and modernizing our electric system to enhance safety and reliability by addressing aged infrastructure and deploying advanced grid technologies. We are also upgrading and modernizing our gas infrastructure to enhance safety and reliability by reducing leaks. An ancillary benefit of these programs is the reduction of GHG emissions. In 2024, we continued to move forward on core infrastructure and environmental investment programs supported by complementary regulatory and customer initiatives across all six states of our operating area. 49Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.The following table describes the most recent vintage of our regulatory programs to recover infrastructure replacement and other federally mandated compliance investments:(in millions)CompanyProgramCapital InvestmentInvestment PeriodFiling DateCosts Covered(1)ApprovedColumbia of Pennsylvania(2)DSIC - Q4 2024$180.1Â 2/24-8/249/20/2024Eligible project costs including piping, couplings, gas service lines, excess flow valves, risers, meter bars, meters, and other related capitalized investments to improve the distribution system. Columbia of OhioIRP - 2024$753.5Â 4/21-12/232/26/2024Replacement of hazardous service lines, cast iron, wrought iron, uncoated steel, and bare steel pipe.Columbia of OhioPHMSA IRP - 2024$14.6Â 1/23-12/232/28/2024Investments necessary to comply with the PHMSA Mega Rule. Columbia of OhioCEP - 2024$763.3Â 4/21-12/232/26/2024Assets not included in the IRP or PHMSA IRP.Columbia of VirginiaSAVE - 2025$89.0Â 10/24-12/258/15/2024Replacement projects that (1) enhance system safety or reliability, or (2) reduce, or potentially reduce, greenhouse gas emissions. Includes costs associated with Advanced Leak Detection and Repair.Columbia of KentuckySMRP - 2024$81.9Â 1/23-12/2410/13/2023Replacement of mains and inclusion of system safety investments.NIPSCO - ElectricTDSIC - 5$346.9Â 7/22-3/245/28/2024New or replacement projects undertaken for the purpose of safety, reliability, system modernization or economic development.NIPSCO - GasTDSIC - 8$8.3Â 1/23-2/244/30/2024New or replacement projects undertaken for the purpose of safety, reliability, system modernization or economic development.NIPSCO - Gas FMCA - 3 $27.0Â 1/23-6/248/27/2024Project costs to comply with federal mandates.Pending Commission Approval (3)Columbia of Kentucky(4)SMRP - 2025$128.5Â 1/23-12/2510/15/2024Replacement of mains and inclusion of system safety investments.NIPSCO - ElectricTDSIC - 6$555.0Â 7/22-9/2411/26/2024New or replacement projects undertaken for the purpose of safety, reliability, system modernization or economic development.NIPSCO - Electric(5)GCT - 1$149.9Â 9/23-10/2512/16/2024New gas peaker generation project costs forecasted through the requested billing period May â€“ Oct. 2025.(1)Programs do not include any costs already included in base rates.(2)Rate decreased to zero on December 14, 2024 with the implementation of new base rates resulting from Columbia of Pennsylvaniaâ€™s 2024 Rate Case.(3)On July 30, 2024, CMD filed an application for approval of a new five-year STRIDE. On December 30, 2024, the filing was withdrawn. (4)Rates went into effect January 2, 2025, subject to refund.(5)Capital investment is based off of a projected amount. The capital investment has not all been incurred to date and represents a forecasted average for the billing period.Refer to Note 12, "Regulatory Matters," in the Notes to Consolidated Financial Statements for a further discussion of regulatory developments during 2024.Financing ActivitiesCommon Stock, Preferred Stock and Equity Unit Sale. Refer to Note 6, "Equity," in the Notes to Consolidated Financial Statements for information on common stock, preferred stock and equity units activity.Short-term Debt. Refer to Note 7, "Short-Term Borrowings," in the Notes to Consolidated Financial Statements for information on short-term debt.Long-term Debt. Refer to Note 8, "Long-Term Debt," in the Notes to Consolidated Financial Statements for information on long-term debt.Non-controlling Interest. Refer to Note 4, "Noncontrolling Interests," in the Notes to Consolidated Financial Statements for more information. 50Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Sources of LiquidityThe following table displays our liquidity position as of DecemberÂ 31, 2024 and 2023:Year Ended DecemberÂ 31, (in millions)20242023Current LiquidityRevolving Credit Facility$1,850.0Â $1,850.0Â Accounts Receivable Programs(1)175.0Â 383.9Â Less:Commercial Paper604.6Â 1,061.0Â Accounts Receivable Programs Utilizedâ€”Â 337.6Â Letters of Credit Outstanding Under Credit Facility9.4Â 9.9Â Add:Cash and Cash Equivalents156.6Â 2,245.4Â Net Available Liquidity$1,567.6Â $3,070.8Â (1)Represents the lesser of the seasonal limit or maximum borrowings supportable by the underlying receivables. Debt Covenants. We are subject to a financial covenant under our revolving credit facility which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of DecemberÂ 31, 2024, the ratio was 52.6%.Credit Ratings. The credit rating agencies periodically review our ratings, taking into account factors such as our capital structure and earnings profile. The following table includes our and NIPSCO's credit ratings and ratings outlook as of DecemberÂ 31, 2024. There have been no changes to our credit ratings or outlooks since February 2020.A credit rating is not a recommendation to buy, sell or hold securities, and may be subject to revision or withdrawal at any time by the assigning rating organization.S&PMoody'sFitchRatingOutlookRatingOutlookRatingOutlookNiSourceBBB+StableBaa2StableBBBStableNIPSCOBBB+StableBaa1StableBBBStableCommercial PaperA-2StableP-2StableF2StableCertain of our subsidiaries have agreements that contain â€œratings triggersâ€ that require increased collateral if our credit ratings or the credit ratings of certain of our subsidiaries are below investment grade. These agreements are primarily for insurance purposes and for the physical purchase or sale of power. As of DecemberÂ 31, 2024, a collateral requirement of approximately $115.5 million would be required in the event of a downgrade below investment grade. In addition to agreements with ratings triggers, there are other agreements that contain â€œadequate assuranceâ€ or â€œmaterial adverse changeâ€ provisions that could necessitate additional credit support such as letters of credit and cash collateral to transact business. Equity. Our authorized capital stock consists of 770,000,000 shares, $0.01 par value, of which 750,000,000 are common stock and 20,000,000 are preferred stock. As of DecemberÂ 31, 2024, 469,822,472 shares of common stock were outstanding. For more information regarding our common and preferred stock, see Note 6, "Equity," in the Notes to Consolidated Financial Statements.Contractual Obligations, Cash Requirements and Off-Balance Sheet ArrangementsWe have certain contractual obligations requiring payments at specified periods. Our material cash requirements are detailed below. We intend to use funds from the liquidity sources referenced above to meet these cash requirements.At DecemberÂ 31, 2024, we had $13,355.7 million in long-term debt, of which $1,281.2 million is current and $604.6 million in short-term borrowings outstanding. During 2025 and 2026, we expect to make cash payments of $685.5 million and $631.2 million, respectively, related to pipeline service obligations including demand for gas transportation, gas storage and gas purchases, and $140.5 million and $24.9 million, respectively, for long lead time items related to plant equipment purchases.51Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Our expected payments include employer contributions to pension and other postretirement benefits plans expected to be made in 2025. Plan contributions beyond 2025 are dependent upon a number of factors, including actual returns on plan assets, which cannot be reliably estimated at this time. In 2025, we expect to make contributions of approximately $2.3 million to our pension plans and approximately $21.3 million to our postretirement medical and life plans. Refer to Note 16, "Pension and Other Postemployment Benefits," in the Notes to Consolidated Financial Statements for more information.We cannot reasonably estimate the settlement amounts or timing of cash flows related to certain of our long-term obligations classified as "Total Other Liabilities" on the Consolidated Balance Sheets.We have uncertain income tax positions for which we are unable to predict when the matters will be resolved. Refer to Note 15, "Income Taxes," in the Notes to Consolidated Financial Statements for more information.NIPSCO has executed several PPAs to purchase 100% of the output from renewable generation facilities at a fixed price per MWh. NIPSCO has also executed several BTAs with developers to construct renewable generation facilities. See Note 19, "Other Commitments and Contingencies - A. Contractual Obligations," and Note 19, "Other Commitments and Contingencies - E. Other Matters," in the Notes to Consolidated Financial Statements for additional information.In addition, we, along with certain of our subsidiaries, enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries. Such agreements include guarantees and stand-by letters of credit. Refer to Note 19, "Other Commitments and Contingencies," in the Notes to Consolidated Financial Statements for additional information regarding our contractual obligations over the next 5 years and thereafter and our off-balance sheet arrangements.Market Risk DisclosuresRisk is an inherent part of our businesses. The extent to which we properly and effectively identify, assess, monitor and manage each of the various types of risk involved in our businesses is critical to our profitability. We seek to identify, assess, monitor and manage, in accordance with defined policies and procedures, the following principal market risks that are involved in our businesses:

commodity price risk, interest rate risk and credit risk. We manage risk through a multi-faceted process with oversight by the Risk Management Committee that requires constant communication, judgment and knowledge of specialized products and markets. Our senior management takes an active role in the risk management process and has developed policies and procedures that require specific administrative and business functions to assist in the identification, assessment and control of various risks. These may include, but are not limited to market, operational, financial, compliance and strategic risk types. In recognition of the increasingly varied and complex nature of the energy business, our risk management process, policies and procedures continue to evolve and are subject to ongoing review and modification.Commodity Price RiskOur gas and electric subsidiaries have commodity price risk primarily related to the purchases of natural gas and power. To manage this market risk, our subsidiaries use derivatives, including commodity futures contracts, swaps, forwards and options. We do not participate in speculative energy trading activity.Commodity price risk resulting from derivative activities at our rate-regulated subsidiaries is limited and does not bear significant exposure to earnings risk, since our current regulatory mechanisms allow recovery of prudently incurred purchased power, fuel and gas costs through the rate-making process, including gains or losses on these derivative instruments. These changes are included in the GCA and FAC regulatory rate-recovery mechanisms. If these mechanisms were to be adjusted or eliminated, these subsidiaries may begin providing services without the benefit of the traditional rate-making process and may be more exposed to commodity price risk. For additional information, see "Results and Discussion of Operations" in this Management's Discussion.Our subsidiaries are required to make cash margin deposits with their brokers to cover actual and potential losses in the value of outstanding exchange traded derivative contracts. The amount of these deposits, some of which are reflected in our restricted cash balance, may fluctuate significantly during periods of high volatility in the energy commodity markets.Refer to Note 13, "Risk Management Activities," in the Notes to Consolidated Financial Statements for further information on our commodity price risk assets and liabilities as of DecemberÂ 31, 2024 and 2023.52Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Interest Rate RiskWe are exposed to interest rate risk as a result of changes in interest rates on borrowings under our revolving credit agreement, commercial paper program, and accounts receivable programs, which have interest rates that are indexed to short-term market interest rates. Based upon average borrowings and debt obligations subject to fluctuations in short-term market interest rates, an increase (or decrease) in short-term interest rates of 100 basis points (1%)Â would have increased (or decreased) interest expense by $7.9 million and $18.9 million for 2024 and 2023, respectively. We are also exposed to interest rate risk as a result of changes in benchmark rates that can influence the interest rates of future long-term debt issuances. From time to time, we may enter into forward interest rate instruments to lock in long term interest costs and/ or rates. Credit RiskDue to the nature of the industry, credit risk is embedded in many of our business activities. Our extension of credit is governed by a Corporate Credit Risk Management Policy which establishes guidelines for documenting management approval levels for credit limits, evaluating creditworthiness, and credit risk mitigation efforts. Exposures to credit risks are monitored by the risk management function, which is independent of commercial operations. Credit risk arises due to the possibility that a customer, supplier or counterparty will not be able or willing to fulfill its obligations on a transaction on or before the settlement date. For derivative-related contracts, credit risk arises when counterparties are obligated to deliver or purchase defined commodity units of gas or power to us at a future date per execution of contractual terms and conditions. Exposure to credit risk is measured in terms of both current obligations and the market value of forward positions net of any posted collateral such as cash and letters of credit.The financial status of our banking partners is periodically assessed through traditional credit ratings provided by major credit rating agencies.Other InformationCritical Accounting EstimatesWe apply certain accounting policies in accordance with GAAP, which require that we make estimates and judgments that have had, and may continue to have, significant impacts on our operations and Consolidated Financial Statements. We evaluate our estimates on an ongoing basis. We base our estimates on historical experience and on various other assumptions that we believe are reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates. We believe the following represent the more significant items requiring the use of judgment in preparing our Consolidated Financial Statements:Basis of Accounting for Rate-Regulated Subsidiaries. ASC Topic 980, Regulated Operations, provides that rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and if the competitive environment makes it probable that such rates can be billed and collected. Accordingly, certain expenses and credits subject to utility regulation or rate determination normally reflected in income may be deferred on the Consolidated Balance Sheets and recognized in income as the related amounts are included in service rates and recovered from or refunded to customers. For additional information, refer to Note 12, "Regulatory Matters," in the Notes to Consolidated Financial Statements.In the event that regulation significantly changes the opportunity for us to recover our costs in the future, all or a portion of our regulated operations may no longer meet the criteria for the application of ASC Topic 980, Regulated Operations. In such event, a write-down of all or a portion of our existing regulatory assets and liabilities could result. If transition cost recovery is approved by the appropriate regulatory bodies that would meet the requirements under GAAP for continued accounting as regulatory assets and liabilities during such recovery period, the regulatory assets and liabilities would be reported at the recoverable amounts. If we were unable to continue to apply the provisions of ASC Topic 980, Regulated Operations, we would be required to apply the provisions of ASC Topic 980-20, Discontinuation of Rate-Regulated Accounting. In managementâ€™s opinion, our regulated subsidiaries will be subject to ASC Topic 980, Regulated Operations for the foreseeable future.Certain of the regulatory assets reflected on our Consolidated Balance Sheets require specific regulatory action in order to be included in future service rates. Although recovery of these amounts is not guaranteed, we believe that these costs meet the requirements for deferral as regulatory assets. If we determine that the amounts included as regulatory assets are no longer probable of recovery, a charge to income would immediately be required to the extent of the unrecoverable amounts.53Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.One of the more significant items recorded through the application of this accounting guidance is the regulatory overlay for JV accounting. The application of HLBV to consolidated VIEs generally results in the recognition of profit from the related JVs over a time frame that is different from when the regulatory return is earned. In accordance with the principles of ASC 980, we have recognized a regulatory deferral of certain amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. For additional information, refer to Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," in the Notes to Consolidated Financial Statements.Pension and Postretirement Benefits. We have defined benefit plans for both pension and other postretirement benefits. The calculation of the net obligations and annual expense related to the plans requires a significant degree of judgment regarding the discount rates to be used in bringing the liabilities to present value, expected long-term rates of return on plan assets, health care trend rates, and mortality rates, among other assumptions. Due to the size of the plans and the long-term nature of the associated liabilities, changes in the assumptions used in the actuarial estimates could have material impacts on the measurement of the net obligations and annual expense recognition. Differences between actuarial assumptions and actual plan results are deferred into AOCI or a regulatory balance sheet account, depending on the jurisdiction of our entity. These deferred gains or losses are then amortized into the income statement when the accumulated differences exceed 10% of the greater of the projected benefit obligation or the fair value of plan assets (known in GAAP as the â€œcorridorâ€ method) or when settlement accounting is triggered.The discount rates, expected long-term rates of return on plan assets, health care cost trend rates and mortality rates are critical assumptions. Methods used to develop these assumptions are described below. While a third party actuarial firm assists with the development of many of these assumptions, we are ultimately responsible for selecting the final assumptions.The discount rate is utilized principally in calculating the actuarial present value ofÂ pensionÂ and other postretirement benefit obligations and net periodicÂ pensionÂ and other postretirement benefit plan costs.Â Our discount rates for both pension and other postretirement benefits are determined using spot rates along an AA-rated above median yield curve with cash flows matching the expected duration of benefit payments to be made to plan participants.The expected long-term rate of return on plan assets is a component utilized in calculating annualÂ pensionÂ and other postretirement benefit plan costs.Â We estimate the expected return on plan assets by evaluating expected bond returns, equity risk premiums, target asset allocations, the effects of active plan management, the impact of periodic plan asset rebalancing and historical performance. We also consider the guidance from our investment advisors in making a final determination of our expected rate of return on assets.Â For measurement of 2024 net periodic benefit cost, we selected a weighted-average assumption of the expected pre-tax long-term rate of return of 7.02% and 7.06% for our pension and other postretirement benefit plan assets, respectively. For measurement of 2025 net periodic benefit cost, we selected a weighted-average assumption of the expected pre-tax long-term rate of return of 7.30% and 7.09 % respectively, for our pension and other postretirement benefit plan assets.We estimate the assumed health care cost trend rate, which is used in determining our other postretirement benefit net expense, based upon our actual health care cost experience, the effects of recently enacted legislation, third-party actuarial surveys and general economic conditions. We utilize a full yield curve approach to estimate the service and interest components of net periodic benefit cost for pension and other postretirement benefits by applying the specific spot rates along the yield curve used in the determination of the benefit obligation to the relevant projected cash flows. For further discussion of our pension and other postretirement benefits, see Note 16, "Pension and Other Postemployment Benefits," in the Notes to Consolidated Financial Statements. Typically, we use the Society of Actuariesâ€™ most recently published mortality data in developing a best estimate of mortality as part of the calculation of theÂ pensionÂ and other postretirement benefit obligations. We adopted Aon's U.S. Endemic Mortality Improvement scale MP-2021, accounting for both the near-term and long-term COVID-19 impacts.54Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.The following tables illustrate the effects of changes in these actuarial assumptions while holding all other assumptions constant:Impact on DecemberÂ 31, 2024 Projected Benefit Obligation Increase/(Decrease)Change in Assumptions (in millions)Pension BenefitsOther Postretirement Benefits+50 basis points change in discount rate(44.9)(18.8)-50 basis points change in discount rate48.2Â 20.4Â Impact on 2024 Expense Increase/(Decrease)(1)Change in Assumptions (in millions)Pension BenefitsOther Postretirement Benefits+50 basis points change in discount rate(1.6)0.3Â -50 basis points change in discount rate1.6Â 0.4Â +50 basis points change in expected long-term rate of return on plan assets(6.8)(1.2)-50 basis points change in expected long-term rate of return on plan assets6.8Â 1.2Â (1)Before labor capitalization and regulatory deferrals. Goodwill and Other Intangible Assets. We have six goodwill reporting units, comprised of the six state operating companies within both the Columbia Operations and NIPSCO Operations reportable segments. Our goodwill assets at DecemberÂ 31, 2024 were $1,485.9 million, most of which resulted from the acquisition of Columbia on November 1, 2000.As required by GAAP, we test for impairment of goodwill on an annual basis and on an interim basis when events or circumstances indicate that a potential impairment may exist. Our annual goodwill test takes place in the second quarter of each year and was performed on May 1, 2024. A quantitative ("step 1") test was completed on May 1, 2024 for all reporting units. Consistent with our historical impairment testing of goodwill, fair value of the reporting units was determined based on a weighting of income and market approaches. These approaches require significant judgments including appropriate long-term growth rates and discount rates for the income approach and appropriate multiples of earnings for peer companies and control premiums for the market approach. The discount rates were derived using peer company data compiled with the assistance of a third party valuation services firm. The discount rates used are subject to change based on changes in tax rates at both the state and federal level, debt and equity ratios at each reporting unit, U.S. Treasury interest rates and general economic conditions. The long-term growth rate was derived by evaluating historic growth rates, new business and investment opportunities beyond the near term horizon. The long-term growth rate is subject to change depending on inflationary impacts to the U.S. economy and the individual business environments in which each reporting unit operates. The Step 1 analysis performed indicated that the fair value of each of the reporting units exceeds their carrying value. As a result, no impairment charges were recorded. See Note 10, "Goodwill," in the Notes to Consolidated Financial Statements for information regarding our 2024 analyses and assumptions.Unbilled Revenue. We record utility operating revenues when energy is delivered to our customers. However, the determination of energy sales to individual customers is based upon the reading of their meters, which occurs on a systematic basis throughout the month. At the end of each month, amounts of energy delivered to customers since the date of their last meter reading are estimated and corresponding unbilled revenues are calculated. This unbilled revenue is estimated each month based upon historical usage, customer rates and weather. As of DecemberÂ 31, 2024, we recorded $408.1 million of customer accounts receivable for unbilled revenue. Significant fluctuations in energy demand for the unbilled period or changes in the composition of customer classes could impact the accuracy of the unbilled revenue estimate. Refer to Note 3, "Revenue Recognition," in the Notes to Consolidated Financial Statements for additional information regarding our significant judgments and estimates related to unbilled revenue recognition.Income Taxes. The consolidated income tax provision and deferred income tax assets and liabilities, as well as any unrecognized tax benefits and valuation allowances, require use of estimates and significant management judgement. Although we believe that current estimates for deferred tax assets and liabilities are reasonable, actual results could differ from these estimates for a variety of reasons, including reasonable projections of taxable income, the ability and intent to implement tax planning strategies if necessary, and interpretations of applicable tax laws and regulations across multiple taxing jurisdictions. 55Table of ContentsITEMÂ 7. MANAGEMENTâ€™S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (continued)NISOURCE INC.Ultimate resolution or clarification of income tax matters may result in favorable or unfavorable impacts to net income and cash flows, and adjustments to tax-related assets and liabilities could be material.We account for uncertain income tax positions using a benefit recognition model with a two-step approach including a more-likely-than-not recognition threshold and a measurement approach based on the largest amount of tax benefit that is greater than 50% likely of being realized upon ultimate settlement. We evaluate each position based solely on the technical merits and facts and circumstances of the position, assuming the position will be examined by a taxing authority having full knowledge of all relevant information. Significant judgment is required to determine whether the recognition threshold has been met and, if so, the appropriate amount of tax benefits to be recorded in the consolidated financial statements. At DecemberÂ 31, 2024 and 2023, we had $21.7 million of unrecognized tax benefits. Changes in these unrecognized tax benefits may result from remeasurement of amounts expected to be realized, settlements with tax authorities and expiration of statutes of limitations.On a quarterly basis, we evaluate our deferred tax assets by considering current and historical financial results, expectations for future taxable income and the availability of tax planning strategies that can be implemented, if necessary, to realize deferred tax assets. Failure to achieve forecasted taxable income or successfully implement tax planning strategies may affect the realization of deferred tax assets. We establish a valuation allowance when we conclude it is more likely than not that all, or a portion, of a deferred tax asset will not be realized in future periods. Significant judgment is required to determine the amount of tax benefits expected to be realized. At DecemberÂ 31, 2024 and 2023, we had established $6.4Â million and $6.4 million, respectively, of valuation allowances (net of federal benefit) related to certain state net operating loss carryforwards. Refer to Note 15, "Income Taxes," in the Notes to Consolidated Financial Statements for additional information.Recently Issued Accounting PronouncementsRefer to Note 2, "Recent Accounting Pronouncements," in the Notes to Consolidated Financial Statements.Item 7A. Quantitative and Qualitative Disclosures About Market RiskQuantitative and Qualitative Disclosures about Market Risk are reported in ItemÂ 7, â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operations â€“ Market Risk Disclosures.â€56Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATANISOURCE INC.IndexPageReport of Independent Registered Public Accounting Firm58Statements of Consolidated Income61Statements of Consolidated Comprehensive Income62Consolidated Balance Sheets63Statements of Consolidated Cash Flows65Statements of Consolidated Stockholders' Equity66Notes to Consolidated Financial Statements681. Nature of Operations and Summary of Significant Accounting Policies682. Recent Accounting Pronouncements713. Revenue Recognition724. Noncontrolling Interests765. Earnings Per Share776. Equity787. Short-Term Borrowings808. Long-Term Debt819. Property, Plant and Equipment8310. Goodwill8411. Asset Retirement Obligations8412. Regulatory Matters8513. Risk Management Activities8914. Fair Value9015. Income Taxes9316. Pension and Other Postretirement Benefits9617. Share-Based Compensation10718. Leases11019. Other Commitments and Contingencies11320. Accumulated Other Comprehensive Loss11621. Business Segment Information11722. Other, Net11923. Interest Expense, Net12024. Supplemental Cash Flow Information120Schedule II12157Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMTo the shareholders and the Board of Directors of NiSource Inc. Opinion on the Financial StatementsWe have audited the accompanying consolidated balance sheets of NiSource Inc. and subsidiaries (the "Company") as of December 31, 2024 and 2023, the related consolidated statements of income, comprehensive income, stockholders' equity, and cash flows, for each of the three years in the period ended December 31, 2024, and the related notes and the schedule listed in the Index at Item 15 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the

Company as of December 31, 2024 and 2023, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2024, in conformity with accounting principles generally accepted in the United States of America.We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control â€" Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission and our report dated February 12, 2025, expressed an unqualified opinion on the Company's internal control over financial reporting. Basis for OpinionThese financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.Critical Audit MattersThe critical audit matters communicated below are matters arising from the current-period audit of the financial statements that were communicated or required to be communicated to the audit committee and that (1) relate to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective, or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the financial statements, taken as a whole, and we are not, by communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.Regulatory Matters - Impact of Rate Regulation on the Financial Statements â€" Refer to Notes 1, 9, and 12 to the financial statementsCritical Audit Matter DescriptionThe Companyâ€™s primary subsidiaries are fully regulated natural gas and electric utility companies serving customers in six states. These rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the manner in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be charged to and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income are deferred on the consolidated balance sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.58Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMThe Companyâ€™s subsidiariesâ€™ rates are determined and approved in regulatory proceedings based on an analysis of the subsidiariesâ€™ costs to provide utility service and a return on, and recovery of, the subsidiariesâ€™ investment in the utility business. Regulatory decisions can have an impact on the recovery of costs, the rate of return earned on investment, and the timing and amount of assets to be recovered by rates. The respective commissionâ€™s regulation of rates is premised on the full recovery of prudently incurred costs and a reasonable rate of return on invested capital. Decisions to be made by the commission in the future will impact the accounting for regulated operations, including decisions about the amount of allowable costs and return on invested capital included in rates and any refunds that may be required. While the Company has indicated it expects to recover costs from customers through regulated rates, there is a risk that the commission will not approve: (1) full recovery of the costs of providing utility service, or (2) full recovery of all amounts invested in the utility business and a reasonable return on that investment.We identified the impact of rate regulation, specifically certain regulatory assets and liabilities at the Companyâ€™s Northern Indiana Public Service Company LLC and Columbia Gas of Ohio, Inc. subsidiaries, as a critical audit matter due to the significant judgments made by management to support its assertions about certain account balances and the significant degree of subjectivity involved in assessing the likelihood of recovery of incurred costs in current or future rates due in part to uncertainty related to future decisions by the rate regulators. This required specialized knowledge of accounting for rate regulation and the rate setting process due to its inherent complexities and a significant degree of auditor judgment when performing audit procedures to evaluate the reasonableness of managementâ€™s conclusions. How the Critical Audit Matter Was Addressed in the AuditOur audit procedures related to the application of specialized rules to account for the effects of cost-based rate regulation related to the uncertainty of future decisions by the rate regulators, specifically the Indiana Utility Regulatory Commission (IURC) and the Public Utility Commission of Ohio (PUCO), included the following, among others:â€¢We tested the effectiveness of managementâ€™s controls over (1) the evaluation of the likelihood of (a) the recovery of costs deferred as regulatory assets in future periods, and (b) regulatory developments that may affect the likelihood of recovering costs in future rates or of a future reduction in rates; and (2) the evaluation of Hypothetical Liquidation Book Value (HLBV) accounting for the companyâ€™s Renewable Joint Ventures and its impact on the Companyâ€™s regulatory liability.â€¢We evaluated Northern Indiana Public Service Company LLC and Columbia Gas of Ohio, Inc.â€™s disclosures related to the financial statement impacts of rate regulation.â€¢We read relevant regulatory orders issued by the IURC and the PUCO, including regulatory statutes, interpretations, procedural memorandums, filings made by interveners, and other publicly available information to assess the likelihood of recovery in future rates or a future reduction in rates based on precedents of the commissionsâ€™ treatment of similar costs under similar circumstances. We evaluated this external information and compared to managementâ€™s recorded regulatory asset and liability balances for completeness, including the implementation of new rate orders at Northern Indiana Public Service Company LLCâ€™s gas business.â€¢We inspected minutes of the boards of directors for discussions of changes in legal, regulatory, or business factors which could impact managementâ€™s conclusions with respect to the financial statement impacts of rate regulation.â€¢For the Northern Indiana Public Service Company LLC electric base rate case proceeding that is in-process, we inspected the Companyâ€™s and intervenorsâ€™ filings with the commission that may impact the Companyâ€™s future rates, for any evidence that might contradict managementâ€™s assertions related to recoverability of recorded assets. â€¢We inquired of management about property, plant, and equipment that may be abandoned with an emphasis on the generation strategy related to Northern Indiana Public Service Company LLCâ€™s R.M. Schahfer and Michigan City Generating Stations. We inspected minutes of the board of directors and regulatory orders and other filings with the IURC to identify evidence that may contradict managementâ€™s assertion regarding probability of an abandonment.59Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRMâ€¢We read the relevant regulatory orders issued by the IURC for the Companyâ€™s renewable energy investments. We evaluated the appropriateness of recognizing a regulatory liability representing timing differences between the profit allocated under the HLBV method related to the consolidated joint ventures and the allowed earnings included in regulatory rates. We also evaluated the appropriateness of the offset to the regulatory liability recorded in depreciation expense./s/ DELOITTE& TOUCHE LLPColumbus, OhioFebruary 12, 2025 We have served as the Company's auditor since 2002.60Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.STATEMENTS OF CONSOLIDATED INCOMEYear Ended DecemberÂ 31, (in millions, except per share amounts)202420232022Operating RevenuesCustomer revenues$5,282.9Â $5,347.8Â $5,738.6Â Other revenues172.2Â 157.6Â 112.0Â Total Operating Revenues5,455.1Â 5,505.4Â 5,850.6Â Operating ExpensesCost of energy1,132.2Â 1,533.3Â 2,110.5Â Operation and maintenance1,515.2Â 1,494.9Â 1,489.4Â Depreciation and amortization1,043.2Â 908.2Â 820.8Â Loss on impairment of assets6.1Â â€"Â â€"Â Loss (gain) on sale of assets, net2.9Â 2.9Â (104.2)Other taxes300.0Â 270.6Â 268.3Â Total Operating Expenses3,999.6Â 4,209.9Â 4,584.8Â Operating Income 1,455.5Â 1,295.5Â 1,265.8Â Other Income (Deductions)Interest expense, net(517.2)(489.6)(361.6)Other, net64.5Â 8.0Â 52.2Â Total Other Deductions, Net(452.7)(481.6)(309.4)Income before Income Taxes1,002.8Â 813.9Â 956.4Â Income Taxes158.1Â 139.5Â 164.6Â Net Income844.7Â 674.4Â 791.8Â Net income (loss) attributable to noncontrolling interest84.3Â (39.9)(12.3)Net Income attributable to NiSource760.4Â 714.3Â 804.1Â Preferred dividends(6.7)(42.8)(55.1)Preferred redemption premium(14.0)(9.8)â€"Â Net Income Available to Common Shareholders$739.7Â $661.7Â $749.0Â Earnings Per Share Basic Earnings Per Share$1.63Â $1.59Â $1.84Â Diluted Earnings Per Share$1.62Â $1.48Â $1.70Â Basic Average Common Shares Outstanding454.2Â 416.1Â 407.1Â Diluted Average Common Shares456.0Â 447.9Â 442.7Â The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.61Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.STATEMENTS OF CONSOLIDATED COMPREHENSIVE INCOMEYear Ended December 31, (in millions, net of taxes)202420232022Net Income$844.7Â $674.4Â $791.8Â Other comprehensive income:Net unrealized gain (loss) on available-for-sale securities(1)3.3Â 3.9Â (13.3)Net unrealized (loss) gain on cash flow hedges(2)(0.4)(0.2)109.9Â Unrecognized pension and OPEB benefit (costs)(3)0.3Â (0.2)(6.9)Total other comprehensive income3.2Â 3.5Â 89.7Â Total Comprehensive Income$847.9Â $677.9Â $881.5Â (1) Net unrealized gain (loss) on available-for-sale securities, net of $0.9 million tax expense, $1.0 million tax expense and $3.5 million tax benefit in 2024, 2023 and 2022, respectively.(2) Net unrealized (loss) gain on derivatives qualifying as cash flow hedges, net of $0.1 million tax benefit, $0.1 million tax benefit and $36.4 million tax expense in 2024, 2023 and 2022, respectively. (3) Unrecognized pension and OPEB benefit (costs), net of $0.3 million tax expense, $0.1 million tax benefit and $2.3 million tax benefit in 2024, 2023 and 2022, respectively. The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.62Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.CONSOLIDATED BALANCE SHEETS(in millions)December 31, 2024December 31, 2023ASSETSProperty, Plant and EquipmentPlant$34,152.9Â $30,482.1Â Accumulated depreciation and amortization(8,699.0)(8,207.2)Net Property, Plant and Equipment(1)25,453.9Â 22,274.9Â Investments and Other AssetsUnconsolidated affiliates6.5Â 5.3Â Available-for-sale debt securities (amortized cost of $91.9 and $169.0, allowance for credit losses of $0.1 and $0.6, respectively)86.7Â 159.1Â Other investments85.5Â 82.7Â Total Investments and Other Assets178.7Â 247.1Â Current AssetsCash and cash equivalents156.6Â 2,245.4Â Restricted cash42.0Â 35.7Â Accounts receivable 987.9Â 884.9Â Allowance for credit losses(23.7)(22.9)Accounts receivable, net964.2Â 862.0Â Gas storage179.6Â 265.8Â Materials and supplies, at average cost173.3Â 172.1Â Electric production fuel, at average cost36.2Â 65.3Â Exchange gas receivable45.7Â 66.0Â Regulatory assets319.9Â 214.3Â Deposits to renewable generation asset developerâ€"Â 454.2Â Prepayments138.5Â 105.5Â Other current assets24.2Â 13.1Â Total Current Assets(1)2,080.2Â 4,499.4Â Other AssetsRegulatory assets2,157.4Â 2,245.9Â Goodwill1,485.9Â 1,485.9Â Deferred charges and other432.0Â 324.0Â Total Other Assets4,075.3Â 4,055.8Â Total Assets$31,788.1Â $31,077.2Â (1)Includes $1,323.8Â million and $1,369.8Â million in 2024 and 2023, respectively, of net property, plant and equipment assets, $65.0Â million and $63.6Â million in 2024 and 2023, respectively, of current assets of consolidated VIEs that may be used only to settle obligations of the consolidated VIEs. Refer to Note 4, "Noncontrolling Interests," for additional information. The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.63Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.CONSOLIDATED BALANCE SHEETS(in millions, except share amounts)December 31, 2024December 31, 2023CAPITALIZATION AND LIABILITIESCapitalizationStockholdersâ€™ EquityCommon stock - $0.01 par value, 750,000,000 shares authorized; 469,822,472 and 447,381,671 shares outstanding, respectively$4.7Â $4.5Â Preferred stock - $0.01 par value, 20,000,000 shares authorized; 0 and 40,000 shares outstanding, respectivelyâ€"Â 486.1Â Treasury stock(99.9)(99.9)Additional paid-in capital9,521.5Â 8,879.5Â Retained deficit(711.7)(967.0)Accumulated other comprehensive loss(30.4)(33.6)Total NiSource Stockholders' Equity8,684.2Â 8,269.6Â Noncontrolling interest in consolidated subsidiaries1,984.1Â 1,866.7Â Total Stockholdersâ€™ Equity10,668.3Â 10,136.3Â Long-term debt, excluding amounts due within one year12,074.5Â 11,055.5Â Total Capitalization22,742.8Â 21,191.8Â Current LiabilitiesÂ Current portion of long-term debt1,281.2Â 23.8Â Short-term borrowings604.6Â 3,048.6Â Accounts payable863.1Â 749.4Â Customer deposits and credits268.8Â 294.4Â Taxes accrued173.4Â 166.2Â Interest accrued157.0Â 136.1Â Asset retirement obligations84.6Â 72.5Â Exchange gas payable91.8Â 50.5Â Regulatory liabilities150.5Â 278.6Â Accrued compensation and employee benefits268.2Â 227.6Â Other accruals170.2Â 217.4Â Total Current Liabilities(1)4,113.4Â 5,265.1Â Other LiabilitiesDeferred income taxes2,281.6Â 2,080.4Â Accrued liability for postretirement and postemployment benefits207.5Â 250.1Â Regulatory liabilities1,431.2Â 1,510.7Â Asset retirement obligations698.6Â 480.5Â Other noncurrent liabilities and deferred credits313.0Â 298.6Â Total Other Liabilities(1)4,931.9Â 4,620.3Â Commitments and Contingencies (Refer to Note 19, "Other Commitments and Contingencies")Total Capitalization and Liabilities$31,788.1Â $31,077.2Â (1)Includes $53.7 million and $68.3 million in 2024 and 2023, respectively, of current liabilities, $58.3 million and $55.7 million in 2024 and 2023, respectively, of other liabilities, and finance leases of $40.4Â million in 2024, of consolidated VIEs that creditors do not have recourse to our general credit. Refer to Note 4, "Noncontrolling Interests," for additional information.The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.64Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.STATEMENTS OF CONSOLIDATED CASH FLOWSYear Ended DecemberÂ 31, (in millions)202420232022Operating ActivitiesNet Income$844.7Â $674.4Â $791.8Â Adjustments to Reconcile Net Income to Net Cash from Operating Activities:Depreciation and amortization1,043.2Â 908.2Â 820.8Â Deferred income taxes168.0Â 134.1Â 156.9Â Stock compensation expense and 401(k) profit sharing contribution43.6Â 33.5Â 24.9Â Loss (gain) on sale of assets2.9Â 2.9Â (105.3)Payments for assets retirement obligations(72.5)(41.6)(22.3)Other adjustments(52.8)(17.9)5.7Â Changes in Assets and Liabilities:Accounts receivable(101.5)184.1Â (216.3)Gas storage and other inventories102.0Â 233.9Â (258.9)Accounts payable71.5Â (171.8)165.0Â Exchange gas receivable/payable(133.5)126.5Â 57.8Â Other accruals9.5Â (102.9)73.4Â Prepayments and other current assets(75.9)36.7Â (9.8)Regulatory assets/liabilities(8.7)(26.2)(129.4)Postretirement and postemployment benefits(64.3)(22.0)84.7Â Deferred charges and other noncurrent assets(20.8)(10.1)(4.1)Other noncurrent liabilities and deferred credits26.1Â (6.7)(25.5)Net Cash Flows from Operating Activities1,781.5Â 1,935.1Â 1,409.4Â Investing ActivitiesCapital expenditures(2,614.0)(2,645.8)(2,203.1)Insurance recoveries0.8Â 3.0Â 105.0Â Cost of removal (166.8)(160.8)(151.7)Purchases of available-for-sale securities(17.8)(42.8)(73.5)Sales of available-for-sale securities93.2Â 39.9Â 75.7Â Milestone and final payments to renewable generation asset developer(482.0)(761.4)(323.9)Advanced deposits for project costs(29.0)â€"Â â€"Â Other investing activities2.6Â (3.7)1.3Â Net Cash Flows used for Investing Activities(3,213.0)(3,571.6)(2,570.2)Financing ActivitiesProceeds from issuance of long-term debt2,229.5Â 1,488.7Â 345.6Â Repayments of long-term debt and finance lease obligations(25.6)(33.1)(60.3)Repayment of short term credit agreements (1,650.0)â€"Â â€"Â Issuance of short term credit agreementsâ€"Â 650.0Â 1,000.0Â Net change in commercial paper and other short-term borrowings(794.0)636.4Â 202.2Â Issuance of common stock, net of issuance costs612.6Â 12.9Â 154.3Â Redemption of preferred stock (486.1)(393.9)â€"Â Preferred stock redemption premium(14.0)(6.2)â€"Â Payment of obligation to renewable generation asset developerâ€"Â (347.2)â€"Â Equity costs, premiums and other debt related costs(67.3)(30.2)(13.0)Contributions from NIPSCO minority interest holders99.5Â 2,161.9Â â€"Â Distributions to NIPSCO minority interest holders(50.3)â€"Â â€"Â Contributions from tax equity partnersâ€"Â 240.9Â 21.2Â Distributions to tax equity partners(16.1)(14.1)(6.0)Dividends paid - common stock(481.0)(413.5)(381.5)Dividends paid - preferred stock(8.2)(43.8)(55.1)Contract liability paymentâ€"Â (66.6)(66.1)Net Cash Flows (used for) from Financing Activities(651.0)3,842.2Â 1,141.3Â Change in cash, cash equivalents and restricted cash(2,082.5)2,205.7Â (19.5)Cash, cash equivalents and restricted cash at beginning of period2,281.1Â 75.4Â 94.9Â Cash, Cash Equivalents and Restricted Cash at End of Period$198.6Â $2,281.1Â $75.4Â Reconciliation to Balance Sheet202420232022Cash and cash equivalents156.6Â 2,245.4Â 40.8Restricted Cash42.0Â 35.7Â 34.6Total Cash, Cash Equivalents and Restricted Cash198.6Â 2,281.1Â 75.4The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.65Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.STATEMENTS OF CONSOLIDATED STOCKHOLDERS' EQUITY(in millions)CommonStockPreferred Stock(1)TreasuryStockAdditionalPaid-InCapitalRetained DeficitAccumulatedOtherComprehensiveLossNoncontrolling Interest in Consolidated SubsidiariesTotalBalance as of January 1, 2022$4.1Â $1,546.5Â (99.9)7,204.3Â $(1,580.9)$(126.8)$325.6Â $7,272.9Â Comprehensive Income:Net Income (Loss)â€"Â â€"Â â€"Â 804.1Â â€"Â (12.3)791.8Â Other comprehensive income, net of taxâ€"Â â€"Â â€"Â â€"Â 89.7Â â€"Â 89.7Â Dividends:Common stock ($0.94 per share)â€"Â â€"Â â€"Â (381.7)â€"Â (381.7)Preferred stock (See Note 6)â€"Â â€"Â â€"Â (55.1)â€"Â (55.1)Noncontrolling Interests:Contributions from noncontrolling interest â€"Â â€"Â â€"Â â€"Â 19.1Â 19.1Â Distributions to noncontrolling interestâ€"Â â€"Â â€"Â â€"Â (6.0)(6.0)Stock issuances:Employee stock purchase planâ€"Â â€"Â 5.2Â â€"Â â€"Â 5.2Â Long-term incentive planâ€"Â â€"Â 14.3Â â€"Â â€"Â 14.3Â 401(k) and profit sharing â€"Â â€"Â 9.7Â â€"Â â€"Â 9.7Â ATM Program0.1Â â€"Â 141.8Â â€"Â 141.9Â Balance as of December 31, 2022$4.2Â $1,546.5Â (99.9)7,375.3Â $(1,213.6)$(37.1)$326.4Â $7,901.8Â Comprehensive Income:Net Income (Loss)â€"Â â€"Â 714.3Â â€"Â (39.9)674.4Â Other comprehensive income, net of taxâ€"Â 3.5Â 3.5Â Dividends:Common stock ($1.00 per share)â€"Â â€"Â (414.1)â€"Â (414.1)Preferred stock (See Note 6)â€"Â â€"Â (43.8)â€"Â (43.8)Noncontrolling Interests:Issuance of noncontrolling interests(2)â€"Â 809.6Â â€"Â 1,361.1Â 2,170.7Â Contributions from

noncontrolling interest(3)â€”Â â€”Â â€”Â â€”Â â€”Â 233.2Â 233.2Â Distributions to noncontrolling interestsâ€”Â â€”Â â€”Â â€”Â â€”Â (14.1)(14.1)Stock issuances:Equity Units0.3Â (666.5)â€”Â 666.2Â â€”Â â€”Â â€”Â â€”Â Series A Preferred stock redemptionâ€”Â (393.9)â€”Â â€”Â â€”Â â€”Â â€”Â (393.9)Series A Preferred stock redemption premiumâ€”Â â€”Â â€”Â â€”Â (9.8)â€”Â â€”Â (9.8)Employee stock purchase planâ€”Â â€”Â â€”Â 5.9Â â€”Â â€”Â â€”Â 5.9Â Long-term incentive planâ€”Â â€”Â â€”Â 12.6Â â€”Â â€”Â â€”Â 12.6Â 401(k) and profit sharing â€”Â â€”Â â€”Â 9.9Â â€”Â â€”Â â€”Â 9.9Â Balance as of December 31, 2023$4.5Â $486.1Â (99.9)8,879.5Â (967.0)(33.6)$1,866.7Â $10,136.3Â Comprehensive Income:Net Incomeâ€”Â â€”Â â€”Â â€”Â 760.4Â â€”Â 84.3Â 844.7Â Other comprehensive income, net of taxâ€”Â â€”Â â€”Â â€”Â â€”Â 3.2Â â€”Â 3.2Â Dividends:Common stock ($1.06 per share)â€”Â â€”Â â€”Â â€”Â (483.0)â€”Â â€”Â (483.0)Preferred stock (See Note 6)â€”Â â€”Â â€”Â (8.1)â€”Â â€”Â (8.1)Noncontrolling Interests:Contributions from noncontrolling interestâ€”Â â€”Â â€”Â â€”Â â€”Â 99.5Â 99.5Â Distributions to noncontrolling interestsâ€”Â â€”Â â€”Â â€”Â â€”Â (66.4)(66.4)Stock issuances (redemptions):Series B and B-1 Preferred stock redemption â€”Â (486.1)â€”Â â€”Â â€”Â â€”Â (486.1)Series B and B-1 Preferred stock redemption premiumâ€”Â â€”Â â€”Â (14.0)â€”Â (14.0)Employee stock purchase planâ€”Â â€”Â â€”Â 6.4Â â€”Â â€”Â â€”Â 6.4Â Long-term incentive planâ€”Â â€”Â â€”Â 26.6Â â€”Â â€”Â â€”Â 26.6Â 401(k) and profit sharingâ€”Â â€”Â â€”Â 9.2Â â€”Â â€”Â â€”Â 9.2Â ATM Program0.2Â â€”Â â€”Â 599.8Â â€”Â â€”Â â€”Â 600.0Â Balance as of December 31, 2024$4.7Â $â€”Â (99.9)9,521.5Â (711.7)(30.4)$1,984.1Â $10,668.3Â (1) Series A, Series B and Series C shares had an aggregate liquidation preference of $400M, $500M and $863M, respectively. (2) Relates to the NIPSCO Minority Interest Transaction. See Note 4, "Noncontrolling Interests," for additional discussion.(3) Contributions from noncontrolling interest is net of transaction costs. The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.66Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.STATEMENTS OF CONSOLIDATED STOCKHOLDERSâ€™ EQUITY (continued)PreferredCommon(in thousands)SharesSharesTreasuryOutstandingBalance as of January 1, 20221,303Â 409,266Â (3,963)405,303Â Issued:Employee stock purchase planâ€”Â 186Â â€”Â 186Â Long-term incentive planâ€”Â 375Â â€”Â 375Â 401(k) and profit sharing planâ€”Â 337Â â€”Â 337Â ATM Programâ€”Â 5,942Â â€”Â 5,942Â Balance as of December 31, 20221,303Â 416,106Â (3,963)412,143Â Issued:Employee stock purchase planâ€”Â 216Â â€”Â 216Â Long-term incentive planâ€”Â 758Â â€”Â 758Â 401(k) and profit sharing planâ€”Â 366Â â€”Â 366Â Equity Units(1)â€”Â 33,899Â â€”Â 33,899Â Redeemed: Equity Units(1)(863)â€”Â â€”Â â€”Â â€”Â Series A Preferred Stock (400)â€”Â â€”Â â€”Â Balance as of December 31, 202340Â 451,345Â (3,963)447,382Â Issued:Employee stock purchase planâ€”Â 218Â â€”Â 218Â Long-term incentive planâ€”Â 769Â â€”Â 769Â 401(k) and profit sharing planâ€”Â 309Â â€”Â 309Â ATM Programâ€”Â 21,144Â â€”Â 21,144Â Redeemed:Series B and B-1 Preferred Stock(40)â€”Â â€”Â â€”Â â€”Â Balance as of December 31, 2024â€”Â 473,785Â (3,963)469,822Â (1)See Note 6, "Equity," for additional information. The accompanying Notes to Consolidated Financial Statements are an integral part of these statements.67Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)1. Â Â Â Â Nature of Operations and Summary of Significant Accounting PoliciesA.Â Â Â Â Â Â Â Â Â Company Structure and Principles of Consolidation.Â We are an energy holding company incorporated in Delaware and headquartered in Merrillville, Indiana. Our subsidiaries are fully regulated natural gas and electric utility companies serving approximately 3.8Â million customers in six states. We generate substantially all of our operating income through these rate-regulated businesses. The consolidated financial statements include the accounts of us, our majority-owned subsidiaries, and VIEs of which we are the primary beneficiary after the elimination of all intercompany accounts and transactions.B. Â Â Â Â Â Â Use of Estimates. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.C.Â Â Â Â Â Â Â Â Â Â Â Cash, Cash Equivalents and Restricted Cash.Â We consider all highly liquid investments with original maturities of three months or less to be cash equivalents. We report amounts deposited in brokerage accounts for margin requirements as restricted cash. In addition, we have amounts deposited in trusts to satisfy requirements for the provision of various property, liability, workers compensation, and long-term disability insurance, and holdbacks related to certain joint venture development agreements which is classified as restricted cash on the Consolidated Balance Sheets and disclosed with cash and cash equivalents on the Statements of Consolidated Cash Flows.D.Â Â Â Â Â Â Â Â Â Â Accounts Receivable and Unbilled Revenue.Â Accounts receivable on the Consolidated Balance Sheets includes both billed and unbilled amounts. Unbilled amounts of accounts receivable relate to a portion of a customerâ€™s consumption of gas or electricity from their last cycle billing date through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, weather and reasonable and supportable forecasts. Accounts receivable fluctuates from year to year depending in large part on weather impacts and price volatility. Our accounts receivable on the Consolidated Balance Sheets include unbilled revenue, less reserves. The reserve for uncollectible receivables is our best estimate of the amount of probable credit losses in the existing accounts receivable. We determined the reserve based on historical collection experience, current market conditions and reasonable and supportable forecasts. Account balances are charged against the allowance when it is anticipated the receivable will not be recovered. Refer to Note 3, "Revenue Recognition," for additional information on customer-related accounts receivable, including amounts related to unbilled revenues. E.Â Â Â Â Â Â Â Investments in Debt Securities.Â Our investments in debt securities are carried at fair value and are designated as available-for-sale. These investments are included within â€œAvailable-for-sale debt securitiesâ€ on the Consolidated Balance Sheets. Unrealized gains and losses, net of deferred income taxes, are recorded to accumulated other comprehensive income or loss. At each reporting period these investments are qualitatively and quantitatively assessed to determine whether a decline in fair value below the amortized cost basis has resulted from a credit loss or other factors. Impairments related to credit loss are recorded through an allowance for credit losses. Impairments that are not related to credit losses are included in other comprehensive income and are reflected in the Statements of Consolidated Income. No material impairment charges were recorded for the years ended DecemberÂ 31, 2024, 2023 or 2022. Refer to Note 14, "Fair Value," for additional information.F.Â Â Â Â Â Â Â Â Â Basis of Accounting for Rate-Regulated Subsidiaries.Â Rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be billed and collected. Certain expenses and credits subject to utility regulation or rate determination that would normally be reflected in income for non-regulated entities are deferred on the Consolidated Balance Sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.We continually evaluate whether or not our operations are within the scope of ASC 980 and rate regulations. As part of that analysis, we evaluate probability of recovery for our regulatory assets. In managementâ€™s opinion, our regulated subsidiaries will be subject to regulatory accounting for the foreseeable future. Refer to Note 12, "Regulatory Matters," for additional information.G.Â Â Â Â Â Â Â Â Â Plant and Other Property and Related Depreciation and Maintenance.Â Property, plant and equipment (principally utility plant) is stated at cost. Our rate-regulated subsidiaries record depreciation using composite rates on a straight-line basis over the remaining service lives of the electric, gas and common properties, as approved by the appropriate regulators.68Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Non-utility property, consisting of renewable generation assets owned by JVs of which we are the primary beneficiary and certain retired regulatory assets described below, is generally depreciated over the life of the associated assets. Refer to Note 9, "Property, Plant and Equipment," for additional information related to depreciation expense.For rate-regulated companies where provided for in rates, AFUDC is capitalized on all classes of property except organization costs, land, autos, office equipment, tools and other general property purchases. The allowance is applied to construction costs for that period of time between the date of the expenditure and the date on which such project is placed in service. Our consolidated pre-tax rate for AFUDC was 4.8% in 2024, 3.9% in 2023 and 3.4% in 2022. Generally, our subsidiaries follow the practice of charging maintenance and repairs, including the cost of removal of minor items of property, to expense as incurred. When our subsidiaries retire regulated property, plant and equipment, original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the gross amounts are classified as "Non-Utility and Other " as described in Note 9, "Property, Plant and Equipment." If the asset is no longer operating but still subject to recovery, the net amount is classified in "Regulatory assets" on the Consolidated Balance Sheets. If we are able to recover a full return of and on investment, the carrying value of the asset is based on historical cost. If we are not able to recover a full return on investment, a loss on impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.External and internal costs associated with on-premise computer software developed for internal use are capitalized. Capitalization of such costs commences upon the completion of the preliminary stage of each project. Once the installed software is ready for its intended use, such capitalized costs are amortized on a straight-line basis generally over a period of five years. External and internal up-front implementation costs associated with cloud computing arrangements that are service contracts are deferred on the Consolidated Balance Sheets, with the associated internal-use software capitalized to plant if the we have a contractual right to take possession of the software at any time during the hosting period without significant penalty and it is feasible for us to either run the software on our own hardware or contract with another party unrelated to the vendor to host the software. Once the installed software is ready for its intended use, such deferred costs are amortized on a straight-line basis to "Operation and maintenance," over the minimum term of the contract plus contractually-provided renewal periods that are reasonably expected to be exercised. H.Â Â Â Â Â Â Â Â Â Goodwill and Other Intangible Assets.Â Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. We test our goodwill for impairment annually as of May 1, or more frequently if events and circumstances indicate that goodwill might be impaired. Fair value of our reporting units is determined using a combination of income and market approaches. See Note 10, "Goodwill," for additional information.I.Â Â Â Â Â Â Â Â Â Accounts Receivable Transfer Programs.Â Certain of our subsidiaries have agreements with third parties to transfer certain accounts receivable without recourse. These transfers of accounts receivable are accounted for as secured borrowings. The entire gross receivables balance remains on the DecemberÂ 31, 2024 and 2023 Consolidated Balance Sheets. When amounts are securitized, the short-term debt is recorded in the amount of proceeds received from the transferees involved in the transactions. Refer to Note 7, "Short-Term Borrowings," for further information.J.Â Â Â Â Â Â Â Â Â Gas Cost and Fuel Adjustment Clause.Â Our regulated subsidiaries defer most differences between gas and fuel purchase costs and the recovery of such costs in revenues and adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. These deferred balances are recorded as "Regulatory assets" or "Regulatory liabilities," as appropriate, on the Consolidated Balance Sheets. Refer to Note 12, "Regulatory Matters," for additional information.K.Â Â Â Â Â Â Â Â Â Gas Storage and Other Inventories.Â Both the LIFO inventory methodology and the weighted average cost methodology are used to value natural gas in storage, as approved by regulators for all of our regulated subsidiaries. Inventory valued using LIFO was $43.8 million and $43.9 million at DecemberÂ 31, 2024 and 2023, respectively. Based on the average cost of gas using the LIFO method, the estimated replacement cost of gas in storage was less than the stated LIFO cost by $12.8 million at DecemberÂ 31, 2024 and was less than the stated LIFO cost by $22.5 million at DecemberÂ 31, 2023. As all LIFO inventory costs are collected from customers through our rate-regulated subsidiaries, no inventory impairment has been recorded. Gas inventory valued using the weighted average cost methodology was $135.8 million at DecemberÂ 31, 2024 and $222.0 million at DecemberÂ 31, 2023.69Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Electric production fuel is valued using the weighted average cost inventory methodology, as approved by NIPSCO's regulator. Materials and supplies are valued using the weighted average cost inventory methodology. Materials and supplies are charged to expense or capitalized to property, plant and equipment when issued.L.Â Â Â Â Â Â Â Â Â Accounting for Exchange and Balancing Arrangements of Natural Gas.Â Our Columbia Operations and NIPSCO Operations segment enters into balancing and exchange arrangements of natural gas as part of its operations and off-system sales programs. We record a receivable or payable for any of our respective cumulative gas imbalances, as well as for any gas inventory borrowed or lent under an exchange agreement. Exchange gas is valued based on individual regulatory jurisdiction requirements (for example, historical spot rate, spot at the beginning of the month). These receivables and payables are recorded as â€œExchange gas receivableâ€ or â€œExchange gas payableâ€ on our Consolidated Balance Sheets, as appropriate. M.Â Â Â Â Â Â Â Â Â Accounting for Risk Management Activities.Â We account for our derivatives and hedging activities in accordance with ASC 815. We recognize all derivatives as either assets or liabilities on the Consolidated Balance Sheets at fair value, unless such contracts are exempted as a normal purchase normal sale under the provisions of the standard. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and resulting designation. We do not offset the fair value amounts recognized for any of our derivative instruments against the fair value amounts recognized for the right to reclaim cash collateral or obligation to return cash collateral for derivative instruments executed with the same counterparty under a master netting arrangement. See Note 13, "Risk Management Activities," for additional information.N.Â Â Â Â Â Â Â Income Taxes and Investment Tax Credits.Â Under the asset and liability method, deferred income taxes are provided for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amount and the tax basis of existing assets and liabilities. Investment tax credits associated with regulated operations are deferred and amortized as a reduction to income tax expense over the estimated useful lives of the related properties. Furthermore, the tax basis of the asset is reduced by 50% of the ITCs received, resulting in a net deferred tax asset.To the extent certain deferred income taxes of the regulated companies are recoverable or payable through future rates, regulatory assets and liabilities have been established. Regulatory assets for income taxes are primarily attributable to property-related tax timing differences for which deferred taxes had not been provided in the past when regulators did not recognize such taxes as costs in the rate-making process. Regulatory liabilities for income taxes are primarily attributable to the regulated companiesâ€™ obligation to refund to ratepayers deferred income taxes provided at rates higher than the current Federal income tax rate. Such property-related amounts are credited to ratepayers using either the average rate assumption method or the reverse South Georgia method. Non property-related amounts are credited to ratepayers consistent with state utility commission direction. Pursuant to the Internal Revenue Code and relevant state taxing authorities, we and our subsidiaries file consolidated income tax returns for federal and certain state jurisdictions. We and our subsidiaries are parties to a tax sharing agreement. Income taxes recorded by each party represent amounts that would be owed had the party been separately subject to tax. O.Â Â Â Â Â Â Â Â Â Pension Remeasurement. We utilize a third-party actuary for the purpose of performing actuarial valuations of our defined benefit plans. Annually, as of December 31, we perform a remeasurement for our defined benefit plans. Quarterly, we monitor for significant events, and if a significant event is identified, we perform a qualitative and quantitative assessment to determine if the resulting remeasurement would materially impact the NiSource financial statements. If material, an interim remeasurement is performed. See Note 16, "Pension and Other Postemployment Benefits," for additional information.P.Â Â Â Â Â Â Â Â Â Environmental Expenditures.Â We accrue for costs associated with environmental remediation obligations, including expenditures related to asset retirement obligations and cost of removal, when the incurrence of such costs is probable and the amounts can be reasonably estimated, regardless of when the expenditures are actually made. The estimated future expenditures are based on currently enacted laws and regulations, existing technology and estimated site-specific costs where assumptions may be made about the nature and extent of site contamination, the extent of cleanup efforts, costs of alternative cleanup methods and other variables. The liability is adjusted as further information is discovered or circumstances change. The accruals for estimated environmental expenditures are recorded on the Consolidated Balance Sheets in â€œOther accrualsâ€ for short-term portions of these liabilities and â€œOther noncurrent liabilities and deferred creditsâ€ for the respective long-term portions of these liabilities. Rate-regulated subsidiaries applying regulatory accounting establish regulatory assets on the Consolidated Balance 70Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Sheets to the extent that future recovery of environmental remediation costs is probable through the regulatory process. Refer to Note 11, "Asset Retirement Obligations," and Note 19, "Other Commitments and Contingencies," for further information.Q.Â Â Â Â Â Â Â Â Excise Taxes.Â As an agent for some state and local governments, we invoice and collect certain excise taxes levied by state and local governments on customers and record these amounts as liabilities payable to the applicable taxing jurisdiction. Such balances are presented within "Other accruals" on the Consolidated Balance Sheets. These types of taxes collected from customers, comprised largely of sales taxes, are presented on a net basis affecting neither revenues nor cost of sales. We account for excise taxes for which we are liable by recording a liability for the expected tax with a corresponding charge to â€œOther taxesâ€ expense on the Statements of Consolidated Income. R.Â Â Â Â Â Â Â Â Â Accrued Insurance Liabilities.

We accrue for insurance costs related to workers compensation, automobile, property, general and employment practices liabilities based on the most probable value of each claim. In general, claim values are determined by professional, licensed loss adjusters who consider the facts of the claim, anticipated indemnification and legal expenses, and respective state rules. Claims are reviewed by us at least quarterly and an adjustment is made to the accrual based on the most current information. S.Â Â Â Â Noncontrolling Interest. We maintain a controlling financial interest in certain of our less than wholly owned subsidiaries. We consolidate these subsidiaries as either voting interest entities or VIEs and present the third-party investors' portion of our net income (loss), net assets and comprehensive income (loss) as noncontrolling interest. Noncontrolling interest is included as a component of equity on the Consolidated Balance Sheet. On December 31, 2023, the NIPSCO Minority Interest Transaction closed and a 19.9% equity interest in NIPSCO Holdings II, the sole owner of NIPSCO, was issued to an affiliate of Blackstone. NIPSCO Holdings II does not meet the criteria of a VIE and instead is consolidated under the voting interest model in accordance with ASC 810 as we maintain control through a majority interest in NIPSCO Holdings II. Refer to Note 4, "Noncontrolling Interests," for further discussion on the NIPSCO Minority Interest Transaction.We fund a portion of our renewable generation assets through JVs with tax equity partners. We consolidate these JVs in accordance with ASC 810 as they are VIEs in which we hold a variable interest, and we control decisions that are significant to the JVs' ongoing operations and economic results (i.e., we are the primary beneficiary).These JVs are subject to profit sharing arrangements in which the allocation of the JVs' cash distributions and tax benefits to members is based on factors other than members' relative ownership percentages. As such, we utilize the HLBV method to allocate proceeds to each partner at the balance sheet date based on the liquidation provisions of the related JV's operating agreement and adjust the amount of the VIE's net income attributable to us and the noncontrolling tax equity member during the period.In each reporting period, the application of HLBV to our consolidated VIEs results in a difference between the amount of profit from the consolidated JVs and the amount included in regulated rates. As discussed above in "F. Basis of Accounting for Rate-Regulated Subsidiaries," we are subject to the accounting and reporting requirements of ASC 980. In accordance with these principles, we recognize a regulatory liability or asset for amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. The amounts recorded in income will ultimately reflect the amount allowed in regulated rates to recover our investments over the useful life of the projects. The offset to the regulatory liability or asset associated with our renewable investments included in regulated rates is recorded in "Depreciation expense" on the Statements of Consolidated Income.2. Â Â Â Â Recent Accounting PronouncementsRecently Issued Accounting PronouncementsIn November 2024, the FASB issued ASU 2024-03, Income Statementâ€”Reporting Comprehensive Incomeâ€”Expense Disaggregation Disclosures (Subtopic 220-40). This pronouncement requires disaggregated disclosure of income statement expenses for public business entities. The ASU requires disclosure in tabular format of disaggregation of relevant expense captions presented on the income statement by certain natural expense categories with certain related qualitative disclosures within the notes to the financial statements. The ASU does not change the expense captions an entity presents on the income 71Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)statement. The ASU is effective for fiscal years beginning after December 15, 2026 and interim reporting periods beginning after December 15, 2027. We are currently evaluating the impacts this amendment will have on our required disclosures.In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. This pronouncement enhances required income tax disclosures. The pronouncement will require disclosure of specific categories and reconciling items included in the rate reconciliation, disaggregation between federal, state and local income taxes paid, and disclosure of income taxes paid by jurisdictions over a certain threshold. Additionally, the pronouncement eliminates certain required disclosures related to unrecognized tax benefits. This ASU is effective for annual periods beginning after December 15, 2024, with early adoption permitted, and is to be applied on a prospective basis with retrospective application permitted. We will implement and provide the required disclosures beginning in 2025. Recently Adopted Accounting PronouncementsIn November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures. This pronouncement enhances annual and interim disclosure requirements over reportable segments, primarily through enhanced disclosures about significant segment expenses. Specifically, the pronouncement requires disclosure of significant segment expenses that are regularly provided to the Chief Operating Decision Maker ("CODM") and included within each reported measure of segment profit or loss, disclosure of an amount for other segment items representing the difference between segment revenue and segment expenses already disclosed, disclosure of all required annual disclosures for interim periods and disclosure of title and position of the CODM and how the CODM uses reported measures. The pronouncement also allows for more than one measure of segment profit if the CODM uses more than one measure in assessing segment performance. This pronouncement is effective for annual periods beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024. The Company adopted this pronouncement as of December 31, 2024 with retrospective application and updated its disclosures to include significant expenses regularly provided to the CODM, the CODM's title and how the CODM utilizes reported measures. See Note 21, "Business Segment Information" for further discussion.3. Â Â Â Â Revenue RecognitionCustomer Revenues.Â Substantially all of our revenues are tariff-based. Under ASC 606, the recipients of our utility service meet the definition of a customer, while the operating company tariffs represent an agreement that meets the definition of a contract, which creates enforceable rights and obligations. Customers in certain of our jurisdictions participate in programs that allow for a fixed payment each month regardless of usage. Payments received that exceed the value of gas or electricity actually delivered are recorded as a liability and presented in "Customer deposits and credits" on the Consolidated Balance Sheets. Amounts in this account are reduced and revenue is recorded when customer usage exceeds payments received.We have identified our performance obligations created under tariff-based sales as 1) the commodity (natural gas or electricity, which includes generation and capacity) and 2) delivery. These commodities are sold and / or delivered to and generally consumed by customers simultaneously, leading to satisfaction of our performance obligations over time as gas or electricity is delivered to customers. Due to the at-will nature of utility customers, performance obligations are limited to the services requested and received to date. Once complete, we generally maintain no additional performance obligations.Transaction prices for each performance obligation are generally prescribed by each operating companyâ€™s respective tariff. Rates include provisions to adjust billings for fluctuations in fuel and purchased power costs and cost of natural gas. Revenues are adjusted for differences between actual costs, subject to reconciliation, and the amounts billed in current rates. Under or over recovered revenues related to these cost recovery mechanisms are included in "Regulatory assets" or "Regulatory liabilities" on the Consolidated Balance Sheets and are recovered from or returned to customers through adjustments to tariff rates. As we provide and deliver service to customers, revenue is recognized based on the transaction price allocated to each performance obligation. Distribution revenues are generally considered daily or "at-will" contracts as customers may cancel their service at any time (subject to notification requirements), and revenue generally represents the amount we are entitled to bill customers.In addition to tariff-based sales, our gas distribution in both our Columbia Operations and NIPSCO Operations segments enters into balancing and exchange arrangements of natural gas as part of our operations and off-system sales programs. Performance obligations for these types of sales include transportation and storage of natural gas and can be satisfied at a point in time or over a period of time, depending on the specific transaction. For those transactions that span a period of time, we record a 72Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)receivable or payable for any cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a gas distribution operations exchange agreement.Revenue Disaggregation and Reconciliation.Â We disaggregate revenue from contracts with customers based upon reportable segment, as well as by customer class. As of January 1, 2024, we have changed our reportable segments from Gas Distribution Operations and Electric Operations to Columbia Operations and NIPSCO Operations. Our historical segment disclosures have been recast to be consistent with the current presentation. For additional information see Note 21, "Business Segment Information". The Columbia Operations segment provides regulated natural gas service and transportation for residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, and Maryland. The NIPSCO Operations segment provides regulated gas and electric service in northern Indiana for residential, commercial and industrial customers.Other Revenues.Â As permitted by accounting principles generally accepted in the United States, regulated utilities have the ability to earn certain types of revenue that are outside the scope of ASC 606. These revenues primarily represent revenue earned under alternative revenue programs. Alternative revenue programs represent regulator-approved mechanisms that allow for the adjustment of billings and revenue for certain approved programs. We maintain a variety of these programs, including demand side management initiatives that recover costs associated with the implementation of energy efficiency programs, as well as normalization programs that adjust revenues for the effects of weather or other external factors. Additionally, we maintain certain programs with future test periods that operate similarly to FERC formula rate programs and allow for recovery of costs incurred to replace aging infrastructure. When the criteria to recognize alternative revenue have been met, we establish a regulatory asset and present revenue from alternative revenue programs on the Statements of Consolidated Income as â€œOther revenuesâ€. When amounts previously recognized under alternative revenue accounting guidance are billed, we reduce the regulatory asset and record a customer account receivable.The tables below reconcile revenue disaggregation by customer class to segment revenue, as well as to revenues reflected on the Statements of Consolidated Income:Year Ended December 31, 2024 (in millions)Columbia OperationsNIPSCO OperationsCorporate and OtherTotalGas DistributionResidential$1,833.8Â $531.4Â $â€”Â $2,365.2Â Commercial580.3Â 199.2Â â€”Â 779.5Â Industrial144.2Â 79.0Â â€”Â 223.2Â Off-system42.6Â â€”Â â€”Â 42.6Â Wholesale1.2Â â€”Â â€”Â 1.2Â Miscellaneous(1)26.3Â 15.4Â â€”Â 41.7Â Subtotal$2,628.4Â $825.0Â $â€”Â $3,453.4Â Electric Generation and Power Delivery Residential$â€”Â $649.9Â $â€”Â $649.9Â Commercialâ€”Â 620.4Â â€”Â 620.4Â Industrialâ€”Â 499.1Â â€”Â 499.1Â Wholesaleâ€”Â 38.3Â â€”Â 38.3Â Public Authorityâ€”Â 8.1Â â€”Â 8.1Â Miscellaneous(1)â€”Â 13.7Â â€”Â 13.7Â Subtotal$â€”Â $1,829.5Â $â€”Â $1,829.5Â Total Customer Revenues(2)2,628.4Â 2,654.5Â â€”Â 5,282.9Â Other Revenues(3)74.8Â 96.5Â 0.9Â 172.2Â Total Operating Revenues$2,703.2Â $2,751.0Â $0.9Â $5,455.1Â (1)Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue refunds, public repairs and property rentals.(2)Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.73Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)(3)Amounts included in Columbia Operations primarily relate to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily relate to weather normalization adjustment mechanisms, MISO multi-value projects and revenue from non-jurisdictional transmission assets.Year Ended December 31, 2023 (in millions)Columbia OperationsNIPSCO OperationsCorporate and OtherTotalGas Distribution Residential$1,827.5Â $635.0Â $â€”Â $2,462.5Â Commercial598.9Â 249.0Â â€”Â 847.9Â Industrial139.0Â 87.0Â â€”Â 226.0Â Off-system60.6Â â€”Â â€”Â 60.6Â Wholesale1.6Â â€”Â â€”Â 1.6Â Miscellaneous(1)33.4Â 14.8Â â€”Â 48.2Â Subtotal2,661.0Â 985.8Â â€”Â 3,646.8Â Electric Generation and Power DeliveryResidentialâ€”Â 583.9Â â€”Â 583.9Â Commercialâ€”Â 578.1Â â€”Â 578.1Â Industrialâ€”Â 474.1Â â€”Â 474.1Â Wholesaleâ€”Â 32.0Â â€”Â 32.0Â Public Authorityâ€”Â 11.5Â â€”Â 11.5Â Miscellaneous(1)â€”Â 21.4Â â€”Â 21.4Â Subtotalâ€”Â 1,701.0Â â€”Â 1,701.0Â Total Customer Revenues(2)$2,661.0Â $2,686.8Â $â€”Â $5,347.8Â Other Revenues(3)72.9Â 83.9Â 0.8Â 157.6Â Total Operating Revenues$2,733.9Â $2,770.7Â $0.8Â $5,505.4Â (1)Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to late fees, property rentals, revenue refunds, and adjustments.(2)Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues. (3)Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets.74Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Year Ended December 31, 2022 (in millions)Columbia OperationsNIPSCO OperationsCorporate and OtherTotalGas DistributionResidential$1,918.2Â $691.5Â $â€”Â $2,609.7Â Commercial672.2Â 267.4Â â€”Â 939.6Â Industrial135.5Â 85.1Â â€”Â 220.6Â Off-system192.9Â â€”Â â€”Â 192.9Â Wholesale2.1Â â€”Â â€”Â 2.1Â Miscellaneous(1)27.3Â 10.9Â â€”Â 38.2Â Subtotal$2,948.2Â $1,054.9Â $â€”Â $4,003.1Â Electric Generation and Power DeliveryResidential$â€”Â $592.4Â $â€”Â $592.4Â Commercialâ€”Â 571.0Â â€”Â 571.0Â Industrialâ€”Â 560.6Â â€”Â 560.6Â Wholesaleâ€”Â 13.5Â â€”Â 13.5Â Public Authorityâ€”Â 12.1Â â€”Â 12.1Â Miscellaneous(1)â€”Â (14.1)â€”Â (14.1)Subtotal$â€”Â $1,735.5Â $â€”Â $1,735.5Â Total Customer Revenues(2)$2,948.2Â $2,790.4Â $â€”Â $5,738.6Â Other Revenues(3)3.7Â 95.8Â 12.5Â 112.0Â Total Operating Revenues$2,951.9Â $2,886.2Â $12.5Â $5,850.6Â (1)Amounts included in Columbia Operations are primarily related to earnings share mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue trackers, late fees and property rentals.2.1(2)Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.(3)Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets. Amounts included in Corporate and Other primarily related to the Transition Services Agreement entered into in connection with the sale of the Massachusetts Business.Customer Accounts Receivable.Â Accounts receivable on our Consolidated Balance Sheets includes both billed and unbilled amounts, as well as certain amounts that are not related to customer revenues. Unbilled amounts of accounts receivable relate to a portion of a customerâ€™s consumption of gas or electricity from the date of their last cycle billing through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, and weather. A significant portion of our operations are subject to seasonal fluctuations in sales. During the heating season, primarily from November through March, revenues and receivables from gas sales are more significant than in other months. The opening and closing balances of customer receivables for theÂ year endedÂ DecemberÂ 31, 2024, are presented in the table below. We had no significant contract assets or liabilities during the period. Additionally, we have not incurred any significant costs to obtain or fulfill contracts.(in millions)Customer Accounts Receivable, Billed (less reserve)Customer Accounts Receivable, Unbilled (less reserve)Balance as of December 31, 2023$479.4Â $337.6Â Balance as of December 31, 2024525.1Â 408.1Â Utility revenues are billed to customers monthly on a cycle basis. We expect that substantially all customer accounts receivable will be collected following customer billing, as this revenue consists primarily of periodic, tariff-based billings for service and usage. We maintain common utility credit risk mitigation practices, including requiring deposits and actively pursuing collection of past due amounts. Our regulated operations also utilize certain regulatory mechanisms that facilitate recovery of bad debt costs within tariff-based rates, which provides further evidence of collectibility. It is probable that substantially all of the consideration to which we are entitled from customers will be collected upon satisfaction of performance obligations. 75Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Allowance for Credit Losses. To evaluate for expected credit losses, customer account receivables are pooled based on similar risk characteristics, such as customer type, geography, payment terms, and related macro-economic risks. Expected credit losses are established using a model that considers historical collections experience, current information, and reasonable and supportable forecasts. Internal and external inputs are used in our credit model including, but not limited to, energy consumption trends, revenue projections, actual charge-offs data, recoveries data, shut-offs, customer delinquencies, final bill data, and inflation. We continuously evaluate available information relevant to assessing collectability of current and future receivables. We evaluate creditworthiness of specific customers periodically or following changes in facts and circumstances. When we become aware of a specific commercial or industrial customer's inability to pay, an allowance for expected credit losses is recorded for the relevant amount. We also monitor other circumstances that could affect our overall expected credit losses including, but not limited to, creditworthiness of overall population in service territories, adverse conditions impacting an industry sector, and current economic conditions.At each reporting period, we record expected credit losses to an allowance for credit losses account. When deemed to be uncollectible, customer accounts are written-off. A rollforward of our allowance for credit losses as of DecemberÂ 31, 2024 and December 31, 2023, are presented in the tables below:(in millions)Columbia OperationsNIPSCO OperationsCorporate and OtherTotalBalance as of January 1, 2024$10.2Â $11.9Â $0.8Â $22.9Â Current period provisions26.7Â 12.1Â â€”Â 38.8Â Write-offs charged against allowance(43.9)(11.0)(0.8)(55.7)Recoveries of amounts previously written off16.8Â 0.9Â â€”Â 17.7Â Balance as of December 31, 2024$9.8Â $13.9Â $â€”Â $23.7Â (in millions)Columbia OperationsNIPSCO OperationsCorporate and OtherTotalBalance as of January 1, 2023$11.1Â $12.0Â $0.8Â $23.9Â Current period provisions28.3Â 11.5Â â€”Â 39.8Â Write-offs charged against allowance(49.2)(12.4)â€”Â (61.6)Recoveries of amounts previously written off20.0Â 0.8Â â€”Â 20.8Â Balance as of December 31, 2023$10.2Â $11.9Â $0.8Â $22.9Â 4.Â Â Â Â Â Noncontrolling InterestsVariable Interest Entities. A VIE is an entity in which the controlling interest is determined through means other than a majority voting interest. Refer to Note 1, "Nature of Operations

and Summary of Significant Accounting Policies - S. Noncontrolling Interest," for information on our accounting policy for the VIEs.NIPSCO is the managing member and operator of two wind JVs, Rosewater and Indiana Crossroads Wind, which have 102 MW and 302 MW of nameplate capacity, respectively. NIPSCO is also a managing member and operator of two solar JVs, Indiana Crossroads Solar and Dunns Bridge I, which have a nameplate capacity of 200 MW and 265 MW, respectively. We have determined that these JVs are VIEs. NIPSCO controls decisions that are significant to these entities' ongoing operations and economic results. Therefore, we have concluded that NIPSCO is the primary beneficiary and have consolidated all four entities. Members of each respective JV include NIPSCO (who is the managing member) and a tax equity partner. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the tax equity partner in varying percentages by category and over the life of the partnership. NIPSCO and each tax equity partner contributed cash to the respective JV. Once the tax equity partner has earned their negotiated rate of return and the JV has reached a stated contractual date, NIPSCO has the option to purchase the remaining interest in the respective JV from the tax equity partner. NIPSCO has an obligation to purchase 100% of the electricity generated by each commercially operational JV.We did not provide any financial or other support during the year that was not contractually required.76Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Our Consolidated Balance Sheets included the following assets and liabilities associated with VIEs.(in millions)December 31,2024December 31,2023Net Property, Plant and Equipment$1,323.8Â $1,369.8Â Current assets65.0Â 63.6Â Total assets(1)(2)1,388.8Â 1,433.4Â Current liabilities53.7Â 68.3Â Asset retirement obligations58.3Â 55.7Â Finance lease obligations40.4Â â€”Â Total liabilities(1)(2)$152.4Â $124.0Â (1)The assets of each VIE represent assets of a consolidated VIE that can be used only to settle obligations of the respective consolidated VIE. The creditors of the liabilities of the VIEs do not have recourse to the general credit of the primary beneficiary.(2)In addition to the amounts disclosed above there is a de minimis amount of other noncurrent assets and liabilities at Rosewater as of DecemberÂ 31, 2024. Voting Interest Entities. On December 31, 2023, we consummated the NIPSCO Minority Interest Transaction for a capital contribution of $2.16Â billion in cash. The difference between the $2.16Â billion consideration received and the $1.36Â billion carrying value of the noncontrolling interest claim on net assets was recorded to additional paid-in capital, net of $54.7Â million in transaction costs and a $63.5Â million income tax benefit. We retain a controlling financial interest in NIPSCO Holdings II and its subsidiaries and consolidate their financial results. For the twelve months ending DecemberÂ 31, 2024 we received $99.5Â million of contributions, and we made $50.3Â million of distributions, to our NIPSCO minority interest holders. See Note 19, "Other Commitments and Contingencies - E. Other Matters," for a detailed discussion of the NIPSCO Holdings II LLC Agreement and governance structure. 5.Â Â Â Â Earnings Per ShareThe calculations of basic and diluted EPS are based on the weighted average number of shares of common stock and potential common stock outstanding during the period. Diluted EPS includes the incremental effects of the various long-term incentive compensation plans and ATM forward sale agreements under the treasury stock method when the impact would be dilutive. For the purposes of determining diluted EPS, for the twelve months ended December 31, 2023 and 2022, the shares underlying the purchase contracts included within the Equity Units were included in the calculation of potential common stock outstanding using the if-converted method under US GAAP and we assumed share settlement of the remaining purchase contract payment balance from our Equity Units based on the average share price during the period. This method assumes conversion at the beginning of the reporting period, or at time of issuance, if later. The purchase contracts were settled on December 1, 2023. For the purchase contracts, the number of shares of our common stock that would have been issuable at the end of each reporting period prior to the settlement date were reflected in the denominator of our diluted EPS calculation. A numerator adjustment was reflected in the calculation of diluted EPS for interest expense incurred in 2023 and 2022, net of tax, related to the purchase contracts.We adopted ASU 2020-06 on January 1, 2022, which required us to assume share settlement of the remaining purchase contract payment balance from our Equity Units based on the average share price during the period.The shares underlying the Series C Mandatory Convertible Preferred Stock included within the Equity Units were contingently convertible as the conversion was contingent on a successful remarketing. Contingently convertible shares where conversion was not tied to a market price trigger were excluded from the calculation of diluted EPS until such time as the contingency had been resolved under the if-converted method. The unsuccessful remarketing resolved the contingency and no shares were reflected in the denominator for the years ended December 31, 2023 and 2022, for the calculation of diluted EPS.We began using the two-class method of computing earnings per share in 2023 because we have participating securities in the form of non-vested restricted stock units with a non-forfeitable right to dividend equivalents, for which vesting is predicated solely on the passage of time. The calculation of earnings per share using the two-class method excludes income attributable to these participating securities from the numerator and excludes the dilutive impact of those shares from the denominator.77Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)During 2022, we had no outstanding securities other than common and preferred stock, which required holdersâ€™ participation in dividends and earnings; therefore, we were not required to calculate EPS under the two-class method. Basic net income per share is computed by dividing net income available to common shareholders by the weighted-average number of shares of common stock outstanding during the period. Diluted net income per share is computed by giving effect to all potential shares of common stock, to the extent they are dilutive. Refer to Note 6, "Equity," for additional information.The following table presents the calculation of our basic and diluted EPS:Year Ended December 31, (in millions, except per share amounts)202420232022Numerator:Net Income Available to Common Shareholders $739.7Â $661.7Â $749.0Â Â Â Â Less: Income allocated to participating securities1.6Â 0.6Â â€”Â Net Income Available to Common Shareholders - Basic$738.1Â $661.1Â $749.0Â Â Â Add: Dilutive effect of Equity Unitsâ€”Â 1.4Â 2.0Â Net Income Available to Common Shareholders - Diluted$738.1Â $662.5Â $751.0Â Denominator:Average common shares outstanding - Basic454.2Â 416.1Â 407.1Â Dilutive potential common shares:Equity Units purchase contractsâ€”Â 29.8Â 30.2Â Equity Units purchase contract payment balanceâ€”Â 0.9Â 3.2Â Shares contingently issuable under employee stock plans0.9Â 0.7Â 0.9Â Shares restricted under employee stock plans0.3Â 0.4Â 0.5Â ATM Forward agreements0.6Â â€”Â 0.8Â Average Common Shares - Diluted456.0Â 447.9Â 442.7Â Earnings per common share:Basic$1.63Â $1.59Â $1.84Â Diluted$1.62Â $1.48Â $1.70Â 6. Â Â Â Â EquityHolders of shares of our common stock are entitled to receive dividends when, as, and if declared by the Board out of funds legally available. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August and November. We have certain debt covenants that could potentially limit the amount of dividends we could pay in order to maintain compliance with these covenants. Refer to Note 8, "Long-Term Debt," for more information. As of DecemberÂ 31, 2024, these covenants did not restrict the amount of dividends that were available to be paid. There is no preferred stock outstanding as of December 31, 2024. Common and preferred stock activity for 2024, 2023 and 2022 is described further below.ATM Program.Â In February 2024, we entered into eight separate equity distribution agreements pursuant to which we were able to sell up to an aggregate of $900.0 million of our common stock. In February 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 7,757,951 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $25.78 per share. On September 17, 2024 we settled all the shares under the forward sale agreement for $199.9Â million, based on a net price of $25.77 per share. In May 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 10,390,000 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $28.87 per share. On September 11, 2024 we settled all the shares under the forward sale agreement for $299.1Â million, based on a net price of $28.79 per share.78Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)In September 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 1,495,949 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $34.01 per share. On November 19, 2024 we settled all the shares under the forward sale agreement for $50.3 million, based on a net price of $33.64 per share. In September 2024, under the ATM program, we executed a second forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchasers under our forward sale agreement borrowed 1,500,000 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $34.32 per share. On November 20, 2024 we settled all the shares under the forward sale agreement for$51.0 million, based on a net price of $33.99 per share. As of DecemberÂ 31, 2024, the ATM program had approximately $297.7Â million of equity available for issuance. The program expires on December 31, 2025.Series A Preferred Stock. During 2023, there were $28.25 dividends declared per share for the Series A Preferred Stock. On June 15, 2023, we redeemed all 400,000 outstanding shares of Series A Preferred Stock for a redemption price of $1,000 per share or $400.0Â million in total.Series B and B-1 Preferred Stock. During 2024 and 2023, dividends declared per share for the Series B Preferred Stock were $406.25 and $1,625.0, respectively. On MarchÂ 15, 2024, we redeemed all 20,000 outstanding shares of Series B Preferred Stock for a redemption price of $25,000 per share and all 20,000 outstanding shares of Series B-1 Preferred Stock for a redemption price of $0.01 per share or $500.0 million in total. Following the redemption, dividends ceased to accrue on the shares of Series B Preferred Stock, shares of the Series B Preferred Stock and Series B-1 Preferred Stock were no longer deemed outstanding and all rights of the holders of such shares of Series B Preferred Stock and Series B-1 Preferred Stock terminated. In conjunction with the redemption, we recorded a $14.0Â million preferred stock redemption premium, calculated as the difference between the carrying value on the redemption date of the Series B Preferred Stock and Series B-1 Preferred Stock and the total amount of consideration paid to redeem, which was recorded as a reduction to retained earnings during the first quarter of 2024. We did not recognize an excise tax liability under the IRA in connection with this redemption as we issued common stock in 2024 in excess of the fair value of the Series B Preferred Stock and Series B-1 Preferred Stock redeemed. In March 2024, we filed a Certificate of Elimination to our Amended and Restated Certificate of Incorporation with the Secretary of State of Delaware to eliminate from the Amended and Restated Certificate of Incorporation all matters set forth in the Certificate of Designations with respect to the Series B Preferred Stock and the Certificate of Designations with respect to the Series B-1 Preferred Stock. As a result, the 20,000 shares that were previously designated as Series B Preferred Stock and the 20,000 shares that were previously designated as Series B-1 Preferred Stock were returned to the status of authorized but unissued shares of preferred stock, par value $0.01 per share, without designation as to series. The Certificate of Elimination does not change the total number of authorized shares of capital stock of NiSource or the total number of authorized shares of preferred stock. We voluntarily delisted the preferred stock from the New York Stock Exchange on March 15, 2024.Equity Units. On December 1, 2023, we issued 33,898,837 shares of our common stock under the purchase contract component of the Corporate Units. As of December 1, 2023, each holder of Corporate Units was deemed to have automatically delivered to us the related Series C Mandatory Convertible Preferred Stock that were components of the Corporate Units in full satisfaction of such holderâ€™s obligations under the related purchase contract, and all 862,500 shares of Series C Mandatory Convertible Preferred Stock were returned to the status of authorized but unissued preferred stock, par value of $0.01 per share, without designation as to series. We voluntarily delisted the Corporate Units from the New York Stock Exchange on December 1, 2023.Refer to Note 5, "Earnings Per Share," for additional information regarding our treatment of the Equity Units for diluted EPS. On October 21, 2024, we filed a Certificate of Elimination to our Amended and Restated Certificate of Incorporation with the Secretary of State of the State of Delaware to eliminate from the Amended and Restated Certificate of Incorporation all matters set forth in the Certificate of Designations with respect to the Series C Mandatory Convertible Preferred Stock.79Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Noncontrolling Interest in Consolidated Subsidiaries. As of DecemberÂ 31, 2024 and 2023, NIPSCO and tax equity partners have completed their cash contributions into the Indiana Crossroads Wind, Rosewater, Indiana Crossroads Solar and Dunns Bridge I JVs. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the respective tax equity partners in varying percentages by category and over the life of the partnership. The tax equity partner's contributions, net of these allocations, is represented as a noncontrolling interest within total equity on the Consolidated Balance Sheets. Refer to Note 4, "Noncontrolling Interests," for more information.On December 31, 2023, we consummated the closing of the NIPSCO Minority Interest Transaction and issued a 19.9% equity interest in NIPSCO Holdings II LLC to BIP in exchange for a capital contribution of $2.16Â billion in cash. Transaction costs and deferred tax impacts of $54.7Â million and $63.5Â million were recorded during the period ending December 31, 2023. Refer to Note 15, "Income Taxes," and Note 19, "Other Commitments and Contingencies - E. Other Matters," in the Notes to the Consolidated Financial Statements for more information on this transaction.7. Â Â Â Â Short-Term BorrowingsWe generate short-term borrowings from our revolving credit facility, commercial paper program, accounts receivable transfer programs, and term credit agreements. Each of these borrowing sources is described further below.Revolving Credit Facility. We maintain a revolving credit facility to fund ongoing working capital requirements, including the provision of liquidity support for our commercial paper program, provide for issuance of letters of credit, and also for general corporate purposes. Our revolving credit facility has a program limit of $1.85 billion and is comprised of a syndicate of banks. At DecemberÂ 31, 2024 and 2023, we had no outstanding borrowings under this facility. Commercial Paper Program. At DecemberÂ 31, 2024 and December 31, 2023, our commercial paper program had a program limit of up to $1.85 billion and $1.50 billion, respectively. On February 9, 2024, we increased the program limit from $1.50 billion to $1.85 billion. We had $604.6 million and $1,061.0 million of commercial paper outstanding with weighted-average interest rates of 4.73% and 5.65% as of DecemberÂ 31, 2024 and 2023, respectively.Accounts Receivable Transfer Programs. Columbia of Ohio, NIPSCO, and Columbia of Pennsylvania each maintain a receivables agreement whereby they transfer their customer accounts receivables to third party financial institutions through consolidated special purpose entities. The three agreements expire between May 2025 and October 2025 and may be further extended if mutually agreed to by the parties thereto.All receivables transferred to third parties are valued at face value, which approximates fair value due to their short-term nature. The amount of the undivided percentage ownership interest in the accounts receivables transferred is determined in part by required loss reserves under the agreements. Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. As of DecemberÂ 31, 2024, the maximum amount we could borrow related to our accounts receivable programs is $175.0 million.We had zero and $337.6 million short-term borrowings related to the securitization transactions as of DecemberÂ 31, 2024 and 2023, respectively. For the year ended DecemberÂ 31, 2024 and 2023, $337.6 million and $9.6 million, respectively, was recorded as cash flows used for financing activities related to the change in short-term borrowings due to securitization transactions. For the accounts receivable transfer programs, we pay used facility fees for amounts borrowed, unused commitment fees for amounts not borrowed, and upfront renewal fees. Fees associated with the securitization transactions wereÂ $1.5 million, $2.7 million, and $2.5 million for the years ended DecemberÂ 31, 2024, 2023 and 2022, respectively. Columbia of Ohio, NIPSCO and Columbia of Pennsylvania remain responsible for collecting the receivables securitized, and the receivables cannot be transferred to another party. Refer to Note 23, "Interest Expense, Net," for additional information on securitization transaction fees. Term Credit Agreements. At December 31, 2023, we had $1.0 billion, and $650.0 million outstanding under term credit agreements with interest rates of 6.41% and 6.50%, respectively. On January 3, 2024, we terminated and repaid in full our $1.0 billion and $650.0 million term credit agreements with proceeds from the NIPSCO Minority Interest Transaction.Items listed above, excluding the term credit agreements, are presented net in the Statements of Consolidated Cash FlowsÂ as their maturities are less than 90 days.80Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)8. Â Â Â Â Long-Term DebtOur long-term debt as of DecemberÂ 31, 2024 and 2023 is as follows:Long-term debt type Maturity as of December 31, 2024Weighted average interest rate (%)Outstanding balance as of December 31, (in millions)20242023Senior notes: NiSourceAugust 20250.950Â %$1,250.0Â $1,250.0Â NiSourceMay 20273.490Â %1,000.0Â 1,000.0Â NiSourceDecember 20276.780Â %3.0Â 3.0Â NiSourceMarch 20285.250Â %1,050.01,050.0Â NiSourceJuly 20295.200Â %600.0Â â€”Â NiSourceSeptember 20292.950Â %750.0Â 750.0Â NiSourceMay 20303.600Â %1,000.0Â 1,000.0Â NiSourceFebruary 20311.700Â %750.0Â 750.0Â NiSourceJune 20335.400Â %450.0450.0Â NiSourceApril 20345.350Â %650.0Â â€”Â NiSourceDecember 20406.250Â %152.6Â 152.6Â NiSourceJune 20415.950Â %347.4Â 347.4Â NiSourceFebruary 20425.800Â %250.0Â 250.0Â NiSourceFebruary 20435.250Â %500.0Â 500.0Â NiSourceFebruary 20444.800Â %750.0Â 750.0Â NiSourceFebruary 20455.650Â %500.0Â 500.0Â NiSourceMay 20474.375Â %1,000.0Â 1,000.0Â NiSourceMarch 20483.950Â %750.0Â 750.0Â NiSourceJune 20525.000Â %350.0Â 350.0Â Total senior notes$12,103.0Â $10,853.0Â Junior subordinated notes:NiSourceNovember 20546.950Â %500.0Â â€”Â NiSourceMarch 20556.375Â %500.0Â â€”Â Total junior subordinated notes$1,000.0Â $â€”Â Medium term notes:NiSourceMay 20277.990Â %$29.0Â $29.0Â NIPSCOJune 2027 to August 20277.644Â %58.0Â 58.0Â Columbia of MassachusettsDecember 2025 to February 20286.373Â %15.0Â 15.0Â Total medium term notes$102.0Â $102.0Â Finance leases:NiSource Corporate ServicesJanuary 2025 to September 20273.470Â %$14.6Â $30.5Â NIPSCODecember 2027 to November 20355.250Â %124.3Â 61.2Â Columbia of OhioDecember 2025 to March

20446.150Â %85.6Â 90.3Â Columbia of VirginiaJuly 2029 to November 20396.190Â %15.2Â 16.1Â Columbia of KentuckyMay 20275.360Â %0.1Â 0.2Â Columbia of PennsylvaniaJuly 2027 to May 20354.470Â %6.4Â 7.1Â Total finance leases$246.2Â $205.4Â Less: Unamortized issuance costs and discounts(95.5)(81.1)Less: Current portion of long term debt(1,281.2)(23.8)Total Long-Term Debt$12,074.5Â $11,055.5Â Details of our 2024 long-term debt related activity are summarized below:â€¢On MarchÂ 14, 2024, we completed the issuance and sale of $650.0 million of 5.350% senior unsecured notes maturing in 2034, which resulted in approximately $642.6 million of net proceeds after discount and debt issuance costs. 81Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)â€¢On MayÂ 16, 2024, we completed the issuance and sale of $500.0 million of 6.950% fixed-to-fixed reset rate junior subordinated notes maturing in 2054, which resulted in approximately $493.4 million of net proceeds after debt issuance costs. The subordinated notes bear interest (i) from and including May 16, 2024 to, but excluding, November 30, 2029 at a rate of 6.950% per annum and (ii) from and including November 30, 2029, during each five-year reset period at a rate per annum equal to the five-year U.S. treasury rate (determined as described in the prospectus supplement dated May 13, 2024, which was filed with the SEC on May 14, 2024) as of the then most recent reset interest determination date plus a spread of 2.451%, to be reset on each reset date. At our option, we may redeem some or all of the subordinated notes during specified periods, and upon the occurrence of certain ratings or tax events, all as described in the prospectus supplement. In accordance with terms of the subordinated notes, we have the right, from time to time, to defer the payment of interest on the outstanding subordinated notes on one or more occasions for up to ten consecutive years. In the event that we were to exercise such right to defer interest on the subordinated notes, we would not be able to pay cash dividends on the common stock during the periods in which such payments were deferred. The subordinated notes were issued pursuant to a Subordinated Indenture, dated as of May 16, 2024, between us and The Bank of New York Mellon, as trustee, as supplemented by the First Supplemental Indenture thereto, dated as of May 16, 2024. â€¢On JuneÂ 24, 2024, we completed the issuance and sale of $600.0 million of 5.200% senior unsecured notes maturing in 2029, which resulted in approximately $593.7 million of net proceeds after discount and debt issuance costs. â€¢On SeptemberÂ 9, 2024, we completed the issuance and sale of $500.0 million of 6.375% fixed-to-fixed reset rate junior subordinated notes maturing in 2055, which resulted in approximately $493.6 million of net proceeds after debt issuance costs. The subordinated notes bear interest (i) from and including September 9, 2024 to, but excluding, March 31, 2035 at a rate of 6.375% per annum and (ii) from and including March 31, 2035, during each five-year reset period at a rate per annum equal to the five-year U.S. treasury rate (determined as described in the prospectus supplement dated September 3, 2024, which was filed with the SEC on September 4, 2024) as of the then most recent reset interest determination date plus a spread of 2.527%, to be reset on each reset date. At our option, we may redeem some or all of the subordinated notes during specified periods, and upon the occurrence of certain ratings or tax events, all as described in the prospectus supplement. In accordance with terms of the subordinated notes, we have the right, from time to time, to defer the payment of interest on the outstanding subordinated notes on one or more occasions for up to ten consecutive years. In the event that we were to exercise such right to defer interest on the subordinated notes, we would not be able to pay cash dividends on the common stock during the periods in which such payments were deferred. The subordinated notes were issued pursuant to a Subordinated Indenture, dated as of May 16, 2024, between us and The Bank of New York Mellon, as trustee, as supplemented by the Second Supplemental Indenture thereto, dated as of September 9, 2024. Details of our 2023 long-term debt related activity are summarized below:â€¢On MarchÂ 24, 2023, we completed the issuance sale of $750.0 million of 5.250% senior unsecured notes maturing in 2028, which resulted in approximately $742.2 million of net proceeds after discount and debt issuance costs.â€¢On JuneÂ 8, 2023, we completed the issuance and sale of $300.0 million of 5.250% senior unsecured notes maturing in 2028 (the "2028 Notes"). The terms of the 2028 Notes, other than the issue date and the price to the public, are identical to the terms of, and constitute as a reopening of, our 5.250% senior unsecured notes due 2028 issued on MarchÂ 24, 2023. With the incremental issuance, we now have $1.05 billion of 5.250% senior unsecured notes maturing in 2028. On JuneÂ 8, 2023, we also completed the issuance and sale of $450.0 million of 5.400% senior unsecured notes maturing in 2033. These issuances resulted in approximately $742.5 million of total net proceeds after discount and debt issuance costs.See Note 19, "Other Commitments and Contingencies - A. Contractual Obligations," for the outstanding long-term debt maturities at DecemberÂ 31, 2024. Unamortized debt expense, premium and discount on long-term debt applicable to outstanding bonds are being amortized over the life of such bonds. 82Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)We are subject to a financial covenant under our revolving credit facility which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of DecemberÂ 31, 2024, the ratio was 52.6%.We are also subject to certain other non-financial covenants under the revolving credit facility. Such covenants include a limitation on the creation or existence of new liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets equal to $200 million. An asset sale covenant generally restricts the sale, conveyance, lease, transfer or other disposition of our assets to those dispositions that are for a price not materially less than fair market of such assets, that would not materially impair our ability to perform obligations under the revolving credit facility, and that together with all other such dispositions, would not have a material adverse effect. The covenant also restricts dispositions to no more than 15% of our consolidated total assets on December 31, 2022. Additionally, the revolving credit facility requires us to own directly or indirectly at least 70% of NIPSCO. The revolving credit facility also includes a cross-default provision, which triggers an event of default under the credit facility in the event of an uncured payment default relating to any indebtedness of us or any of our subsidiaries in a principal amount of $75.0 million or more.Our indentures generally do not contain any financial maintenance covenants. However, our indentures are generally subject to cross-default provisions ranging from uncured payment defaults of $5.0 million to $50.0 million, and limitations on the incurrence of liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets capped at 10% of our consolidated net tangible assets.9.Â Â Â Â Property, Plant and EquipmentOur property, plant and equipment on the Consolidated Balance Sheets are classified as follows:Â At DecemberÂ 31, (in millions)20242023Property, Plant and EquipmentGas Distribution Utility$20,007.2Â $18,154.5Â Electric Utility8,666.8Â 7,907.9Â Corporate248.1Â 274.2Â Construction Work in Process2,084.7Â 1,261.1Â JV Renewable Generation Assets(1)1,434.2Â 1,434.4Â Non-Utility and Other1,711.9Â 1,450.0Â Total Property, Plant and Equipment$34,152.9Â $30,482.1Â Accumulated Depreciation and AmortizationGas Distribution Utility$(4,166.8)$(3,924.4)Electric Utility(2,707.8)(2,709.5)Corporate(163.4)(174.2)JV Renewable Generation Assets(1)(110.4)(64.5)Non-Utility and Other(1,550.6)(1,334.6)Total Accumulated Depreciation and Amortization$(8,699.0)$(8,207.2)Net Property, Plant and Equipment$25,453.9Â $22,274.9Â (1)These JV renewable generation assets owned and operated by JVs between NIPSCO and unrelated tax equity partners represent Non-Utility Property, are depreciated straight-line over 30 years and are part of our NIPSCO Operations segment. Refer to Note 4, "Noncontrolling Interests," for additional information.The weighted average depreciation provisions for utility plant, as a percentage of the original cost, for the periods ended DecemberÂ 31, 2024, 2023 and 2022 were as follows:202420232022NIPSCO Operations3.0Â %3.0Â %2.7Â %Columbia Operations2.6Â %2.5Â %2.4Â %We recognized depreciation expense of $820.4 million, $756.9 million and $685.0 million for the years ended 2024, 2023 and 2022, respectively. The 2024, 2023 and 2022, depreciation expense includes $58.9 million, $12.5 million, and $11.0Â million 83Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)related to the regulatory deferral of income associated with our JVs. See Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," for additional details.Amortization of on-premise Software Costs. We amortized $85.2 million, $77.5 million and $53.1 million in 2024, 2023 and 2022, respectively, related to software recorded as intangible assets. Our unamortized software balance was $236.1 million and $205.6 million at December 31, 2024 and 2023, respectively.Amortization of Cloud Computing Costs. We amortized $17.7 million, $12.6 million and $11.1 million in 2024, 2023 and 2022, respectively, related to cloud computing costs to "Operation and maintenance" expense. Our unamortized cloud computing balance was $77.5 million and $32.2 million at DecemberÂ 31, 2024 and 2023, respectively. 10.Â Â Â Â GoodwillSubstantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. Our goodwill balance was $1,485.9 million as of DecemberÂ 31, 2024 and 2023. The majority of our goodwill has been allocated to the Columbia Operations segment.For our annual goodwill impairment analysis performed as of May 1, 2024, we completed a quantitative ("step 1") fair value measurement of our reporting units. Fair value of our reporting units was determined based on a weighting of income and market approaches. The income approach calculated discounted cash flows using updated cash flow projections, discount rates and return on equity assumptions. The market approach applied a combination of comparable company multiples and comparable transactions and used the most recent cash flow projections. The test indicated that the fair value of each of the reporting units that are allocated goodwill exceeded their carrying values, indicating that no impairment was necessary.11.Â Â Â Â Asset Retirement ObligationsWe have recognized asset retirement obligations associated with various legal obligations including costs to remove and dispose of certain construction materials located within many of our facilities (including our JV facilities), certain costs to retire pipeline, removal costs for certain underground storage tanks, removal of certain pipelines known to contain PCB contamination, closure costs for certain sites including ash ponds, solid waste management units and a landfill, as well as some other nominal asset retirement obligations. We also have an obligation associated with the decommissioning of our two hydro facilities located in Indiana. These hydro facilities have an indeterminate life, and as such, no asset retirement obligation has been recorded.During the fourth quarter of 2024, we continued to evaluate the applicability of revisions to the EPA rule for disposal of CCRs, which was announced in May 2024. As a result, we recorded an increase of $149.7Â million based on initial assessments of estimated costs to comply with the EPA rule for certain sites. Additional costs will be recorded if they become probable and estimable. These costs are expected to be recoverable through existing and future depreciation rates. See Note 19, "Other Commitments and Contingencies - D. Environmental Matters," for additional information on the legacy CCR rule.Changes in our liability for asset retirement obligations for the years 2024 and 2023 are presented in the table below:(in millions)20242023Beginning Balance$553.0Â $513.5Â Accretion recorded as a regulatory asset/liability25.3Â 20.0Â Additions189.9Â 23.5Â Settlements(72.5)(41.6)Change in estimated cash flows87.5Â 37.6Â Ending Balance$783.2Â $553.0Â Certain non-legal costs of removal not yet incurred but have been, and continue to be, included in depreciation rates and collected in the customer rates of the rate-regulated subsidiaries are classified as "Regulatory liabilities" on the Consolidated Balance Sheets.84Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)12.Â Â Â Â Regulatory MattersRegulatory Assets and LiabilitiesWe follow the accounting and reporting requirements of ASC Topic 980, which provides that regulated entities account for and report assets and liabilities consistent with the economic effect of regulatory rate-making procedures when the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates will be charged and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income or expense are deferred on the balance sheet and are recognized in the income statement as the related amounts are included in customer rates and recovered from or refunded to customers. We assess the probability of collection for all of our regulatory assets each period.85Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Regulatory assets were comprised of the following items:At DecemberÂ 31, (in millions)20242023Regulatory AssetsUnrecognized pension and other postretirement benefit costs (see Note 16)$485.3Â $561.6Â Deferred pension and other postretirement benefit costs (see Note 16)45.3Â 59.7Â Environmental costs (see Note 19-D.)42.8Â 40.6Â Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)172.0Â 163.5Â Under-recovered gas and fuel costs (see Note 1-J.)82.3Â 12.7Â Depreciation214.9Â 201.9Â Post-in-service carrying charges280.8Â 269.9Â Safety activity costs203.7Â 206.6Â DSM programs17.8Â 25.0Â Retired coal generating stations617.0Â 682.0Â Losses on commodity price risk programs (See Note 13)6.5Â 24.4Â Deferred property taxes75.9Â 72.3Â Renewable energy investments81.3Â 60.8Â WAM system filing21.5Â â€”Â Customer assistance programs24.4Â â€”Â Other105.8Â 79.2Â Total Regulatory Assets$2,477.3Â $2,460.2Â Less: Current Portion319.9Â 214.3Â Total Noncurrent Regulatory Assets$2,157.4Â $2,245.9Â Regulatory liabilities were comprised of the following items:At DecemberÂ 31, (in millions)20242023Regulatory LiabilitiesOver-recovered gas and fuel costs (see Note 1-J.)$21.4Â $144.5Â Cost of removal (see Note 11)482.8Â 597.2Â Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)827.0Â 849.9Â Deferred pension and other postretirement benefit costs (see Note 16)40.4Â 54.0Â Gains on commodity price risk programs (See Note 13)28.7Â 23.3Â Customer assistance programs9.4Â 19.8Â Off-system sales sharing21.4Â 19.0Â Renewable energy investments (See Note 1-S. and Note 4)77.0Â 18.1Â Rate refunds16.6Â 16.1Â Other57.0Â 47.4Â Total Regulatory Liabilities$1,581.7Â $1,789.3Â Less: Current Portion150.5Â 278.6Â Total Noncurrent Regulatory Liabilities$1,431.2Â $1,510.7Â Regulatory assets, including under-recovered gas and fuel costs and depreciation, of approximately $671.3 million and $716.4Â million as of DecemberÂ 31, 2024 and 2023, respectively, are not earning a return on investment. These costs are recovered over a remaining life of between 15 and 75 years.86Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Assets:Unrecognized pension and other postretirement benefit costs. Represents the deferred other comprehensive income or loss of the actuarial gains or losses and the prior service costs or credits that arise during the period but that are not immediately recognized as components of net periodic benefit costs by certain subsidiaries that will ultimately be recovered through base rates.Deferred pension and other postretirement benefit costs. Primarily relates to the difference between defined benefit plan expense recorded by certain subsidiaries due to regulatory orders and the corresponding expense that would otherwise be recorded in accordance with GAAP. This balance is driven by Columbia of Ohio deferrals. Environmental costs. Includes certain recoverable costs related to gas plant sites, disposal sites or other sites onto which material may have migrated, the recovery of which is to be addressed in future base rates, billing riders or tracking mechanisms of certain of our subsidiaries.Regulatory effects of accounting for income taxes. Represents the deferral and under collection of deferred taxes in the rate making process. Under-recovered gas and fuel costs. Represents the difference between the costs of gas and fuel, as well as energy acquired through power purchase agreements, including NIPSCO's own renewable projects, and the recovery of such costs in revenue and is used to adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. Recovery of these costs is achieved through tracking mechanisms.Depreciation. Represents differences between depreciation expense incurred on a GAAP basis and that prescribed through regulatory order. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals.Post-in-service carrying charges. Represents deferred debt-based carrying charges incurred on certain assets placed into service but not yet included in customer rates. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals.Safety activity costs. Represents the difference between costs incurred by certain of our subsidiaries in eligible safety programs in compliance with PHMSA regulations in excess of those being recovered in rates. The majority of this balance is driven by Columbia of Ohio, which began recovery in March 2023 through base rates.DSM programs. Represents costs associated with Columbia Operations and NIPSCO Operations energy efficiency and conservation programs. Costs are recovered through tracking mechanisms. Retired coal generating stations. Represents the net book value of Units 7 and 8 of Bailly Generating Station that was retired during 2018 and the net book value of Units 14 and 15 of R.M. Schahfer Generating Station retired in 2021. These amounts are currently being amortized at a rate consistent with their inclusion in customer rates. The August 2023 NIPSCO electric rate case order extends the recovery of, and on, the net book value of the stations by the end of 2034 and implements a revenue credit for the retired units. The credit is based on the difference between the year-end value of Units 14 and 15 and the most recent value established in the last base rate case proceeding or credit compliance filing.Losses on commodity price risk programs. Represents the unrealized losses related to certain of our subsidiary's commodity price risk programs. These programs help to protect against the volatility of commodity prices and these amounts are collected from customers through their inclusion in customer rates.Deferred property taxes. Represents the deferral and under collection of property taxes in the rate making process for Columbia of Ohio and is driven by the IRP and CEP deferrals.Renewable energy investments. Represents the regulatory deferral of renewable energy formation and developer costs.WAM system filing. Represents the deferral of certain costs, including depreciation and amortization incurred in connection with improvements to its information technology systems through the design, development, and implementation of a new WAM program for the scheduling, dispatch, and execution of work and the management of underlying assets.Customer Assistance Programs. Represents the difference between the eligible customer assistance program costs and collections, which will be collected from customers.87Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Â Liabilities:Over-recovered gas and fuel costs. Represents the difference between the cost of gas and fuel, as well as energy acquired through power purchase agreements, including NIPSCO's own renewable projects and, the recovery of such costs in revenues and is the basis to adjust future billings for such refunds on a basis consistent with applicable state-approved tariff provisions. Refunding of these revenues is achieved through tracking mechanisms.Cost of removal. Represents anticipated costs of removal for utility assets that have been collected through depreciation rates for future costs to be incurred.Regulatory effects of accounting for income taxes. Represents amounts owed to customers for deferred taxes collected at a

higher rate than the current statutory rates and liabilities associated with accelerated tax deductions owed to customers. Balance includes excess deferred taxes recorded upon implementation of the TCJA in December 2017, net of amounts amortized through 2024 and federal tax credits generated by Cavalry solar facility that are passed back to customers. For discussion of the regulatory impact of the NIPSCO Minority Interest Transaction on deferred taxes, see Note 15, "Income Taxes," for additional details.Deferred pension and other postretirement benefit costs. Primarily represents cash contributions in excess of postretirement benefit expense that is deferred by certain subsidiaries.Gains on commodity price risk programs. Represents the unrealized gains related to certain of our subsidiary's commodity price risk programs. These programs help to protect against the volatility of commodity prices, and these amounts are passed back to customers through their inclusion in customer rates.Customer Assistance Programs. Represents the difference between the eligible customer assistance program costs and collections, which will be refunded to customers.Renewable energy investments. Represents the regulatory deferral of certain amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. The offset to the regulatory liability associated with our renewable investments is recorded in "Depreciation expense" on the Statements of Consolidated Comprehensive Income. Refer to Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," Note 4, "Noncontrolling Interests," and Note 9, "Property, Plant and Equipment," for additional information.Rate Refunds. Represents supplier refunds received by the company that are owed to customers and will be remitted and amounts that are being collected in rates subject to refund.Off System Sales Sharing. Represents amounts to be passed back to the customers as a result of Off System sales that is shared between the company and the customer.Regulatory FilingsRenewable generation filingsIn March 2024, NIPSCO filed a petition with the IURC to issue an order modifying its November 22, 2023 order to approve direct ownership of the Gibson project. Also, in March 2024, NIPSCO filed a petition with the IURC to issue an order modifying its June 29, 2021 order to approve direct ownership of the Fairbanks project. Hearings for both the Gibson project and Fairbanks project were held in June 2024 and July 2024, respectively, with orders approving direct ownership of both projects received in August 2024.NIPSCO Gas peaker filingIn September 2023, NIPSCO filed a request for issuance of a CPCN for an approximately 400 MW natural gas peaking generation facility with the IURC, which was supplemented in January 2024 based on updates on availability of certain key equipment. A final order was received in October 2024 approving the request.88Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NIPSCO Electric rate case filingOn February 7, 2025, NIPSCO and certain intervening parties filed a Joint Stipulation and Settlement Agreement with the IURC. New rates proposed to be implemented in 2 steps, with implementation of Step 1 rates effective no later than September 2025 and Step 2 rates to be effective no later than March 2026.Columbia of Virginia rate case filingColumbia of Virginia and the intervening parties, with the exception of the Office of the Attorney General, filed a Joint Stipulation and Proposed Recommendation for settlement on December 5, 2024 for an annual revenue increase of $28.2Â million, net of SAVE. Rates became effective on an as filed basis in October 2024 and we have recorded a regulatory liability to reflect the pending settlement. 13. Â Â Â Â Risk Management ActivitiesWe are exposed to certain risks related to our ongoing business operations; namely commodity price risk and interest rate risk. We recognize that the prudent and selective use of derivatives may help to limit volatility in the price of natural gas, and manage interest rate exposure.Risk management assets and liabilities on our derivatives are presented on the Consolidated Balance Sheets as shown below:December 31, 2024December 31, 2023(in millions)Assets LiabilitiesAssetsLiabilitiesCurrent(1)Derivatives not designated as hedging instruments$9.1Â $2.3Â $1.1Â $7.5Â Total$9.1Â $2.3Â $1.1Â $7.5Â Noncurrent(2)Derivatives not designated as hedging instruments$17.9Â $1.2Â $22.2Â $1.9Â Total$17.9Â $1.2Â $22.2Â $1.9Â (1) Current assets and liabilities are presented in "Prepayments and other" and "Other accruals", respectively, on the Consolidated Balance Sheets.(2) Noncurrent assets and liabilities are presented in "Deferred charges and other" and "Other noncurrent liabilities and deferred credits", respectively, on the Consolidated Balance Sheets.Our derivative instruments are subject to enforceable master netting arrangements or similar agreements. No collateral was either received or posted related to our outstanding derivative positions at DecemberÂ 31, 2024 and 2023. If the above gross asset and liability positions were presented net of amounts owed or receivable from counterparties, we would report a net asset position of $23.5 million and $13.9 million at DecemberÂ 31, 2024 and 2023, respectively.Derivatives Not Designated as Hedging InstrumentsCommodity price risk management. We, along with our utility customers, are exposed to variability in cash flows associated with natural gas purchases and volatility in natural gas prices. We purchase natural gas for sale and delivery to our retail, commercial and industrial customers, and for most customers the variability in the market price of gas is passed through in their rates. Some of our utility subsidiaries offer programs whereby variability in the market price of gas is assumed by the respective utility. The objective of our commodity price risk programs is to mitigate the gas cost variability, for us or on behalf of our customers, associated with natural gas purchases or sales by economically hedging the various gas cost components using a combination of futures, options, forwards or other derivative contracts. As of DecemberÂ 31, 2024 and 2023, we had 77.8 MMDth and 76.1 MMDth, respectively, of net energy derivative volumes outstanding related to our natural gas hedges.NIPSCO has received IURC approval to lock in a fixed price for its natural gas customers using long-term forward purchase instruments and is limited to 20% of NIPSCOâ€™s average annual GCA purchase volume. As of DecemberÂ 31, 2024, the remaining terms of these instruments range from one to three years. Likewise, Columbia of Pennsylvania has received approval for a 24-month rolling hedge program. The hedging program was executed in December 2023, with an effective date of April 1, 2024 and will continue in perpetuity. The program is designed to financially hedge approximately 20% of the customerâ€™s annual demand. All gains and losses on these derivative contracts are deferred as regulatory liabilities or assets and are remitted to or collected from customers through the relevant cost recovery mechanism. 89Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Derivatives Designated as Hedging InstrumentsInterest rate risk management. As of DecemberÂ 31, 2024 and 2023, we had no forward-starting interest rate swaps outstanding. The overall net loss related to our multiple settled interest rate swaps is recorded to AOCI. We amortize the net loss over the life of the debt associated with these swaps as we recognize interest expense. These amounts are immaterial in 2024, 2023 and 2022 and are recorded in "Interest expense, net" on the Statements of Consolidated Income. Cash flows for derivative financial instruments are generally classified as operating activities.14.Â Â Â Â Fair ValueA.Fair Value MeasurementsRecurring Fair Value MeasurementsThe following tables present financial assets and liabilities measured and recorded at fair value on our Consolidated Balance Sheets on a recurring basis and their level within the fair value hierarchy as of DecemberÂ 31, 2024 and DecemberÂ 31, 2023:Â Recurring Fair Value MeasurementsDecemberÂ 31, 2024 (in millions)Quoted Pricesin Active Marketsfor Identical Assets(Level 1)Significant OtherObservable Inputs(Level 2)SignificantUnobservableInputs(Level 3)Balance as ofDecemberÂ 31, 2024AssetsU.S. Treasury debt securities(1)$80.1Â $â€”Â $â€”Â $80.1Â Risk management assetsâ€”Â 27.0Â â€”Â 27.0Â Available-for-sale debt securitiesâ€”Â 86.7Â â€”Â 86.7Â Total$80.1Â $113.7Â $â€”Â $193.8Â LiabilitiesRisk management liabilities$â€”Â $3.5Â $â€”Â $3.5Â Total$â€”Â $3.5Â $â€”Â $3.5Â (1) Treasury bills are presented in "Cash and cash equivalents" and "Restricted cash" on the Consolidated Balance Sheets.Â Recurring Fair Value MeasurementsDecemberÂ 31, 2023 (in millions)Quoted Pricesin Active Marketsfor Identical Assets(Level 1)Significant OtherObservable Inputs(Level 2)SignificantUnobservableInputs(Level 3)Balance as ofDecemberÂ 31, 2023AssetsRisk management assets$â€”Â $23.3Â $â€”Â $23.3Â Available-for-sale debt securitiesâ€”Â 159.1Â â€”Â 159.1Â Total$â€”Â $182.4Â $â€”Â $182.4Â LiabilitiesRisk management liabilities$â€”Â $9.4Â $â€”Â $9.4Â Total$â€”Â $9.4Â $â€”Â $9.4Â Risk Management Assets and Liabilities. Risk management assets and liabilities include interest rate swaps, exchange-traded NYMEX futures and NYMEX options and non-exchange-based forward purchase contracts. 90Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Level 1- When utilized, exchange-traded derivative contracts are based on unadjusted quoted prices in active markets and are classified within Level 1. These financial assets and liabilities are secured with cash on deposit with the exchange; therefore, nonperformance risk has not been incorporated into these valuations. These financial assets and liabilities are deemed to be cleared and settled daily by NYMEX as the related cash collateral is posted with the exchange. As a result of this exchange rule, NYMEX derivatives are considered to have no fair value at the balance sheet date for financial reporting purposes, and are presented in Level 1 net of posted cash; however, the derivatives remain outstanding and are subject to future commodity price fluctuations until they are settled in accordance with their contractual terms.Level 2- Certain non-exchange-traded derivatives are valued using broker or over-the-counter, on-line exchanges. In such cases, these non-exchange-traded derivatives are classified within Level 2. Non-exchange-based derivative instruments include swaps, forwards, and options. In certain instances, these instruments may utilize models to measure fair value. We use a similar model to value similar instruments. Valuation models utilize various inputs that include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, other observable inputs for the asset or liability and market-corroborated inputs, (i.e., inputs derived principally from or corroborated by observable market data by correlation or other means). Where observable inputs are available for substantially the full term of the asset or liability, the instrument is categorized within Level 2.Level 3- Certain derivatives trade in less active markets with a lower availability of pricing information and models may be utilized in the valuation. When such inputs have a significant impact on the measurement of fair value, the instrument is categorized within Level 3. Credit risk is considered in the fair value calculation of derivative instruments that are not exchange-traded. Credit exposures are adjusted to reflect collateral agreements that reduce exposures. As of DecemberÂ 31, 2024 and 2023, there were no material transfers between fair value hierarchies. Additionally, there were no changes in the method or significant assumptions used to estimate the fair value of our financial instruments.NIPSCO and Columbia of Pennsylvania have entered into long-term forward natural gas purchase instruments to lock in a fixed price for their natural gas customers. We value these contracts using a pricing model that incorporates market-based information when available, as these instruments trade less frequently and are classified within Level 2 of the fair value hierarchy. For additional information, see NoteÂ 13, â€œRisk Management Activities.â€Available-for-Sale Debt Securities. Available-for-sale debt securities are investments pledged as collateral for trust accounts related to our wholly-owned insurance company. We value U.S. Treasury, corporate debt and mortgage-backed securities using a matrix pricing model that incorporates market-based information. These securities trade less frequently and are classified within Level 2. Our available-for-sale debt securities impairments are recognized periodically using an allowance approach. At each reporting date, we utilize a quantitative and qualitative review process to assess the impairment of available-for-sale debt securities at the individual security level. For securities in a loss position, we evaluate our intent to sell or whether it is more-likely-than-not that we will be required to sell the security prior to the recovery of its amortized cost. If either criteria is met, the loss is recognized in earnings immediately, with the offsetting entry to the carrying value of the security. If both criteria are not met, we perform an analysis to determine whether the unrealized loss is related to credit factors. The analysis focuses on a variety of factors that include, but are not limited to, downgrade on ratings of the security, defaults in the current reporting period or projected defaults in the future, the security's yield spread over treasuries, and other relevant market data. If the unrealized loss is not related to credit factors, it is included in other comprehensive income. If the unrealized loss is related to credit factors, the loss is recognized as credit loss expense in earnings during the period, with an offsetting entry to the allowance for credit losses. The amount of the credit loss recorded to the allowance account is limited by the amount at which the security's fair value is less than its amortized cost basis. If certain amounts recorded in the allowance for credit losses are deemed uncollectible, the allowance on the uncollectible portion will be charged off, with an offsetting entry to the carrying value of the security. Subsequent improvements to the estimated credit losses of available-for-sale debt securities will be recognized immediately in earnings. As of DecemberÂ 31, 2024 and December 31, 2023, we recorded $0.1 million and $0.6 million, respectively, as an allowance for credit losses on available-for-sale debt securities as a result of the analysis described above. Continuous credit monitoring and portfolio credit balancing mitigates our risk of credit losses on our available-for-sale debt securities. 91Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The amortized cost, gross unrealized gains and losses, allowance for credit losses, and fair value of available-for-sale securities at DecemberÂ 31, 2024 and 2023 were:Â December 31, 2024 (in millions)AmortizedCostGrossUnrealizedGainsGrossUnrealizedLosses(1)Allowance for Credit LossesFairÂ ValueAvailable-for-sale debt securitiesCorporate/Other debt securities$91.9Â $0.5Â (5.6)(0.1)$86.7Â Total$91.9Â $0.5Â (5.6)(0.1)$86.7Â December 31, 2023 (in millions)AmortizedCostGrossUnrealizedGainsGrossUnrealizedLosses(2)Allowance for Credit LossesFair ValueAvailable-for-sale debt securitiesU.S. Treasury debt securities$63.8Â $â€”Â (3.2)â€”Â $60.6Â Corporate/Other debt securities105.2Â 0.8Â (6.9) (0.6)98.5Â Total$169.0Â $0.8Â (10.1)(0.6)$159.1Â (1) Fair value of Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $70.1 million at DecemberÂ 31, 2024.(2) Fair value of U.S. Treasury debt securities and Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $58.7 million and $74.8 million, respectively, at DecemberÂ 31, 2023.Realized gains and losses on available-for-sale securities was $2.3Â million for the year ended DecemberÂ 31, 2024 and $1.0Â million for 2023. The cost of maturities sold is based upon specific identification. At DecemberÂ 31, 2024, approximately $10.9 million of Corporate/Other debt securities have maturities of less than a year.There are no material items in the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for the years ended DecemberÂ 31, 2024 and 2023.Additional plan investments in corporate-owned life insurance are recorded at their cash surrender value, not fair value, and therefore are not included above. These plan investments are classified as "Other investments" on the Consolidated Balance Sheets.Non-recurring Fair Value MeasurementsWe measure the fair value of certain assets, including goodwill, on a non-recurring basis, typically when events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable. B. Â Â Â Â Â Â Â Â Other Fair Value Disclosures for Financial Instruments. The carrying amount of cash and cash equivalents, restricted cash, notes receivable, customer deposits and short-term borrowings is a reasonable estimate of fair value due to their liquid or short-term nature. Our long-term borrowings are recorded at historical amounts.The following method and assumptions were used to estimate the fair value of each class of financial instruments.Long-term debt. The fair value of outstanding long-term debt is estimated based on the quoted market prices for the same or similar securities. Certain premium costs associated with the early settlement of long-term debt are not taken into consideration in determining fair value. These fair value measurements are classified within Level 2 of the fair value hierarchy. For the years ended DecemberÂ 31, 2024 and 2023, there was no change in the method or significant assumptions used to estimate the fair value of long-term debt.92Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The carrying amount and estimated fair values of these financial instruments were as follows:Â At DecemberÂ 31, (in millions)CarryingAmount2024EstimatedFairÂ Value2024CarryingAmount2023EstimatedFairÂ Value2023Long-term debt (including current portion)$13,355.7Â $12,505.2Â $11,079.3Â $10,370.9Â 15.Â Â Â Â Income TaxesJudgment and the use of estimates are required in developing the provision for income taxes and reporting of tax-related assets and liabilities. The interpretation of tax laws and associated regulations involves uncertainty as taxing authorities may interpret the laws differently.NIPSCOâ€™s historical business activities through the closing of the NIPSCO Minority Interest Transaction in 2023 were included in the consolidated U.S. federal and certain state income tax returns of NiSource Inc. Historically, NIPSCO has been treated as a taxable division of its corporate parent, NiSource Inc., and then as a division of NIPSCO Holdings I effective April 13, 2023. In connection with the NIPSCO Minority Interest Transaction, NIPSCO Holdings I retained NIPSCOâ€™s income tax balances and 80.1% of the excess deferred income tax regulatory balances as described below. NIPSCO Holdings Iâ€™s income tax balances are based on the difference between the financial statement amount and the tax basis of its investment in NIPSCO Holdings II.Income Tax Expense. The components of income tax expense (benefit) were as follows:Â Year Ended DecemberÂ 31, (in millions)202420232022Income TaxesCurrentFederal(19.3)â€”Â $0.4Â State9.4Â 5.3Â 7.3Â Total Current (Benefit) Expense(9.9)5.3Â 7.7Â DeferredFederalTaxes before operating loss carryforwards and investment credits105.9Â 49.7Â 87.9Â Tax utilization expense of operating loss carryforwards60.4Â 65.1Â 93.1Â Investment tax credits(0.1)(2.1)â€”Â State2.6Â 22.5Â (23.0)Total Deferred Expense168.8Â 135.2Â 158.0Â Deferred Investment Tax Credits(0.8)(1.0)(1.1)Income Taxes from Continuing Operations$158.1Â $139.5Â $164.6Â In connection with the NIPSCO Minority Interest Transaction during 2023, NiSource recognized a $63.5Â million income tax benefit in additional paid in capital related to 19.9% of NIPSCOâ€™s excess deferred income taxes attributable to Blackstoneâ€™s noncontrolling interest. This benefit does not impact NIPSCOâ€™s regulatory books or the excess deferred taxes that will benefit customers through lower future rates in accordance with applicable regulatory orders. See Note 4, "Noncontrolling Interests," for further discussion of the NIPSCO Minority Interest Transaction.93Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Statutory Rate Reconciliation. The following table represents a reconciliation of income tax expense at the statutory federal income tax rate to the actual income tax expense from continuing operations:Year Ended DecemberÂ 31, (in millions)202420232022Book income before income taxes$1,002.8Â $813.9Â $956.4Â Tax expense at statutory federal income tax rate210.6Â 21.0Â %170.8Â 21.0Â %200.8Â 21.0Â %Increases (reductions) in taxes resulting from:State income taxes, net of federal income tax benefit11.7Â 1.2Â 13.7Â 1.7Â 4.5Â 0.5Â Amortization of regulatory liabilities(11.1)(1.1)(38.2)(4.7)(38.5)

(4.0)Employee stock ownership plan dividends and other compensation(1.3)(0.1)(1.3)(0.2)(1.2)(0.1)Federal tax credits(23.3)(2.3)(4.9)(0.6)(2.3)(0.2)Tax effect of non-controlling Interest(27.3)(2.7)â€”Â â€”Â â€”Â â€”Â Other adjustments(1.2)(0.2)(0.6)(0.1)1.3Â â€”Â Income Taxes$158.1Â 15.8Â %$139.5Â 17.1Â %$164.6Â 17.2Â %The increase in tax expense of $18.6Â million in 2024 versus 2023 was primarily due to higher pre-tax income, partially offset by the tax effect of non-controlling interest, and higher federal tax credits generated by the Cavalry solar and storage facility that are offset in a regulatory liability to pass back to customers in future periods.The decrease in the Amortization of Regulatory Liabilities in 2024 versus 2023 was primarily due to the regulatory liability established for the Cavalry tax credits generated in 2024, net of TCJA excess deferred amortization which decreased approximately $7.9Â million from the prior year.The difference in tax expense of $25.1Â million in 2023 versus 2022 was primarily due to lower pre-tax income. 94Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Net Deferred Income Tax Liability Components. Deferred income taxes result from temporary differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. The principal components of our net deferred tax liabilities were as follows:At DecemberÂ 31, (in millions)20242023Deferred tax liabilitiesAccelerated depreciation and other property differences$1,419.4Â $1,384.8Â Partnership basis differences1,328.6Â 1,241.9Â Other regulatory assets210.1Â 212.1Â Total Deferred Tax Liabilities2,958.1Â 2,838.8Â Deferred tax assetsOther regulatory liabilities and deferred investment tax credits (including TCJA)170.4Â 182.2Â Pension and other postretirement/postemployment benefits58.8Â 58.6Â Loss and credit carryforwards369.4Â 422.9Â Environmental liabilities12.2Â 10.1Â Other accrued liabilities43.4Â 40.3Â Other, net28.7Â 50.7Â Total Deferred Tax Assets682.9Â 764.8Â Valuation Allowance(6.4)(6.4)Net Deferred Tax Assets676.5Â 758.4Â Net Deferred Tax Liabilities$2,281.6Â $2,080.4Â In connection with the NIPSCO Minority Interest Transaction, NIPSCOâ€™s deferred taxes were removed from its GAAP books and were reconstituted as deferred taxes on the outside basis difference of NiSourceâ€™s investment in NIPSCO Holdings II. These deferred taxes are reflected as partnership basis differences above.NiSource has the following deductible loss and credit carryforwards:At December 31, 2024 (in millions)Deductible AmountDeferred Tax AssetValuation AllowanceExpiration PeriodFederal losses$1,369.1Â $287.5Â $â€”Â 2037Federal investment tax creditsâ€”Â 2.2Â â€”Â 2043Federal production tax creditsâ€”Â 1.0Â â€”Â 2040-2043Federal other creditâ€”Â 17.3Â â€”Â 2029-2043State losses 2,024.4Â 81.9Â (6.4)2031-2037Total$389.9Â $(6.4)We believe it is not more likely than not that a portion of the benefit from certain state net operating loss carryforwards will be realized. We have recorded a valuation allowance of $6.4Â million on the deferred tax assets related to sale of Massachusetts Business assets reflected in the state net operating loss carryforward presented above.95Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Unrecognized Tax Benefits. A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:At December 31, 2024(in millions)202420232022Opening Balance$21.7Â $21.7Â $21.7Â Gross decreases - tax positions in prior periodâ€”Â â€”Â â€”Â Gross increases - current period tax positionsâ€”Â â€”Â â€”Â Ending Balance$21.7Â $21.7Â $21.7Â Offset for net operating loss carryforwards(21.7)(21.7)(21.7)Balance, Less Net Operating Loss Carryforwards$â€”Â $â€”Â $â€”Â We are subject to income taxation in the United States and various state jurisdictions, primarily Indiana, Pennsylvania, Kentucky, Massachusetts, Maryland and Virginia.We participate in the IRS CAP, which provides the opportunity to resolve tax matters with the IRS before filing each year's consolidated federal income tax return. As of DecemberÂ 31, 2024, tax years through 2021 have been audited and are closed to further assessment. The Company has transitioned to the Bridge Phase of the IRS CAP for the year ended December 31, 2022 and participated in the Bridge Plus pilot program in 2022 and 2023. NiSource received a full acceptance letter from the IRS for its 2022 return, but has not yet received a final acceptance letter from the IRS for its 2023 return. However, no adjustments are expected, and the year is effectively closed to further assessment.The statute of limitations in each of the state jurisdictions in which we operate remains open between 3-4 years from the date the state income tax returns are filed. As of DecemberÂ 31, 2024, there were no state income tax audits in progress that would have a material impact on the consolidated financial statements.NiSource is obligated to report adjustments resulting from IRS audits or settlements to state taxing authorities. In addition, if NiSource utilizes net operating losses or tax credits generated in years for which the statute of limitations has expired, such amounts are generally subject to examination.On April 14, 2023, the IRS issued Revenue Procedure 2023-15 which provides a safe harbor method of accounting that taxpayers may use to determine whether expenses to repair, maintain, replace, or improve linear property and non-linear natural gas transmission and distribution property must be capitalized as improvements or are allowable as deductions. On June 3, 2024, the IRS extended the favorable rules to a Year 2 adoption period. The Company is planning to elect this change in tax accounting method with its 2024 consolidated tax return filing in the upcoming year and continues to analyze and quantify the provisions of the safe harbor method of accounting.16. Â Â Â Â Pension and Other Postemployment BenefitsWe provide defined contribution plans and noncontributory defined benefit retirement plans that cover certain of our employees. Benefits under the defined benefit retirement plans reflect the employeesâ€™ compensation, years of service and age at retirement. Additionally, we provide health care and life insurance benefits for certain retired employees. The majority of employees may become eligible for these benefits if they reach retirement age while working for us. The expected cost of such benefits is accrued during the employeesâ€™ years of service. Current rates of rate-regulated companies include postretirement benefit costs, including amortization of the regulatory assets that arose prior to inclusion of these costs in rates. For most plans, cash contributions are remitted to grantor trusts.Our Pension and Other Postretirement Benefit Plansâ€™ Asset Management. The Board has delegated oversight of the pension and other postretirement benefit plansâ€™ assets to the NiSource Benefits Committee (the "Committee"). The Committee has adopted investment policy statements for the pension and other postretirement benefit plansâ€™ assets. For the pension plans, we employ a liability-driven investing strategy. A total return approach is utilized for the other postretirement benefit plansâ€™ assets. A mix of diversified investments are used to maximize the long-term return of plan assets and hedge the liabilities at a prudent level of risk. The investment portfolio includes U.S. and non-U.S. equities, real estate, long-term and intermediate-term fixed income and alternative investments. Risk tolerance is established through careful consideration of plan liabilities, funded status, and asset class volatility. Investment risk is measured and monitored on an ongoing basis through quarterly investment portfolio reviews, annual liability measurements, and periodic asset/liability studies.96Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)In determining the expected long-term rate of return on plan assets, historical markets are studied, relationships between equities and fixed income are analyzed and current market factors, such as inflation and interest rates are evaluated with consideration of diversification and rebalancing. Our expected long-term rate of return on assets is based on assumptions regarding target asset allocations and corresponding long-term capital market assumptions for each asset class. The pension plansâ€™ investment policy calls for a gradual reduction in the allocation of return-seeking assets (equities, real estate and private equity) and a corresponding increase in the allocation of liability-hedging assets (fixed income) as the funded status of the plansâ€™ increase.As of DecemberÂ 31, 2024 and DecemberÂ 31, 2023, the acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans are as follows:DecemberÂ 31, 2024DefinedÂ BenefitÂ PensionÂ PlanPostretirementÂ BenefitÂ PlanAsset CategoryMinimumMaximumMinimumMaximumDomestic Equities10%30%0%55%International Equities5%15%0%25%Fixed Income65%75%20%100%Real Estate0%0%0%0%Private Equity0%3%0%0%Short-Term Investments0%10%0%10%DecemberÂ 31, 2023DefinedÂ BenefitÂ PensionÂ PlanPostretirementÂ BenefitÂ PlanAsset CategoryMinimumMaximumMinimumMaximumDomestic Equities10%30%0%55%International Equities5%15%0%25%Fixed Income65%75%20%100%Real Estate0%0%0%0%Private Equity0%3%0%0%Short-Term Investments0%10%0%10%97Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The actual Pension Plan and Postretirement Plan Asset Mix at DecemberÂ 31, 2024 and DecemberÂ 31, 2023 are as follows:DefinedÂ BenefitPension Assets(1)December 31,2024PostretirementBenefit Plan AssetsDecember 31,2024Asset Class (in millions)Asset Value%Â ofÂ Total AssetsAsset Value%Â ofÂ Total AssetsDomestic Equities$258.9Â 19.4Â %$99.6Â 40.9Â %International Equities122.5Â 9.2Â %40.7Â 16.7Â %Fixed Income891.2Â 66.7Â %96.5Â 39.6Â %Real Estate4.0Â 0.3Â %â€”Â â€”Â Cash/Other59.8Â 4.4Â %6.7Â 2.8Â %Total$1,336.4Â 100.0Â %$243.5Â 100.0Â %Â (1)Total includes accrued dividends and pending trades with brokers.Â Â Defined Benefit Pension Assets(1)December 31,2023Postretirement Benefit Plan Assets(1)December 31,2023Asset Class (in millions)Asset Value% of Total AssetsAsset Value% of Total AssetsDomestic Equities$261.7Â 18.3Â %$93.7Â 39.6Â %International Equities141.9Â 9.9Â %40.7Â 17.2Â %Fixed Income939.9Â 65.9Â %97.0Â 41.0Â %Real Estate4.0Â 0.3Â %â€”Â â€”Â Cash/Other79.3Â 5.6Â %5.1Â 2.2Â %Total$1,426.8Â 100.0Â %$236.5Â 100.0Â %(1)Total includes accrued dividends and pending trades with brokers.The categorization of investments into the asset classes in the tables above are based on definitions established by the Committee. Fair Value Measurements. The following table sets forth, by level within the fair value hierarchy, the pension and other postretirement benefits investment assets at fair value as of DecemberÂ 31, 2024 and 2023. Assets are classified in their entirety based on the observability of inputs used in determining the fair value measurement. There were no material investment assets in the pension and other postretirement benefits trusts classified within Level 3 for the years ended DecemberÂ 31, 2024 and 2023.We use the following valuation techniques to determine fair value. For the year ended DecemberÂ 31, 2024, there were no significant changes to valuation techniques to determine the fair value of our pension and other postretirement benefits' assets. Level 1 MeasurementsMost common and preferred stocks are traded in active markets on national and international securities exchanges and are valued at closing prices on the last business day of each period presented. Cash is stated at cost, which approximates fair value, with the exception of cash held in foreign currencies which fluctuates with changes in the exchange rates. Short-term bills and notes are priced based on quoted market values.Level 2 MeasurementsMost U.S. Government Agency obligations, mortgage/asset-backed securities, and corporate fixed income securities are generally valued by benchmarking model-derived prices to quoted market prices and trade data for identical or comparable securities. To the extent that quoted prices are not available, fair value is determined based on a valuation model that includes inputs such as interest rate yield curves and credit spreads. Securities traded in markets that are not considered active are valued based on quoted market prices, broker or dealer quotations, or alternative pricing sources with reasonable levels of price transparency. Other fixed income includes futures and options which are priced on bid valuation or settlement pricing. 98Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Level 3 MeasurementsInvestments with unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities are classified as level 3 investments.Not ClassifiedCommingled funds, private equity limited partnerships and real estate partnerships are not classified within the fair value hierarchy. Instead, these assets are measured at estimated fair value using the net asset value per share of the investments. Commingled funds' underlying assets are principally marketable equity and fixed income securities. Units held in commingled funds are valued at the unit value as reported by the investment managers. Private equity funds invest capital in non-public companies and real estate funds invest in commercial and distressed real estate directly or through related debt instruments. The fair value of these investments is determined by reference to the fundsâ€™ underlying assets.99Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Fair Value Measurements at DecemberÂ 31, 2024:Â (in millions)December 31,2024QuotedÂ PricesÂ inÂ Active Markets forÂ Identical Assets (Level 1)SignificantÂ OtherObservable Inputs (Level 2)SignificantUnobservable InputsÂ (LevelÂ 3)Pension plan assets:Cash$1.2Â $1.1Â $0.1Â $â€”Â Fixed income securitiesGovernment186.8Â â€”Â 186.8Â â€”Â Corporate486.6Â â€”Â 486.6Â â€”Â Mortgages/ Asset Backed Securities3.6Â â€”Â 3.6Â â€”Â Mutual FundsU.S. multi-strategy56.1Â 56.1Â â€”Â â€”Â International equities57.2Â 57.2Â â€”Â â€”Â Private equity limited partnerships(1)U.S. multi-strategy(2)3.1Â â€”Â â€”Â â€”Â International multi-strategy(3)0.8Â â€”Â â€”Â â€”Â Distressed opportunities0.1Â â€”Â â€”Â â€”Â Real estate(1)4.0Â â€”Â â€”Â â€”Â Commingled funds(1)Short-term money markets45.9Â â€”Â â€”Â â€”Â U.S. equities202.8Â â€”Â â€”Â â€”Â International equities65.3Â â€”Â â€”Â â€”Â Fixed income214.1Â â€”Â â€”Â â€”Â Pension plan assets subtotal$1,327.6Â $114.4Â $677.1Â $â€”Â OtherÂ postretirement benefitÂ plan assets:Mutual fundsU.S. multi-strategy87.4Â 87.4Â â€”Â â€”Â International equities16.5Â 16.5Â â€”Â â€”Â Fixed income96.5Â 96.5Â â€”Â â€”Â Commingled funds(1)Short-term money markets6.7Â â€”Â â€”Â â€”Â U.S. equities12.2Â â€”Â â€”Â â€”Â International equities24.2Â â€”Â â€”Â â€”Â Other postretirement benefit plan assets subtotal$243.5Â $200.4Â $â€”Â $â€”Â Due to brokers, net(4)(0.1)â€”Â (0.1)â€”Â Accrued income/dividends8.9Â 8.9Â â€”Â Total pension and other postretirement benefit plan assets$1,579.9Â $323.7Â $677.0Â $â€”Â (1)This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.(2)This class includes limited partnerships that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.Â (3)This class includes limited partnerships that invest a in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.(4)This class represents pending trades with brokers.100Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended DecemberÂ 31, 2024:(in millions)Fair ValueRedemption FrequencyRedemption Notice PeriodCommingled FundsShort-term money markets$52.6Â Daily1 dayU.S. equities215.0Â Daily1 day - 5 daysInternational equities89.5Â Monthly10 days-30 daysFixed income214.1Â Daily3 daysPrivate Equity and Real Estate Limited Partnerships(1)8.0Â N/AN/ATotal$579.2Â (1)Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.101Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Fair Value Measurements at DecemberÂ 31, 2023:(in millions)December 31,2023QuotedÂ PricesÂ in Active Markets for Identical Assets (Level 1)SignificantÂ OtherObservable Inputs (Level 2)SignificantUnobservable InputsÂ (LevelÂ 3)Pension plan assets:Cash$2.2Â $2.0Â $0.2Â $â€”Â Equity securitiesInternational equities1.1Â 1.1Â â€”Â â€”Â Fixed income securitiesGovernment213.1Â â€”Â 213.1Â â€”Â Corporate482.2Â â€”Â 482.2Â â€”Â Mortgages/Asset backed securities2.4Â â€”Â 2.4Â â€”Â Mutual FundsU.S. multi-strategy113.1Â 113.1Â â€”Â â€”Â International equities38.5Â 38.5Â â€”Â â€”Â Private equity limited partnerships(1)U.S. multi-strategy(2)4.8Â â€”Â â€”Â â€”Â International multi-strategy(3)1.2Â â€”Â â€”Â â€”Â Distressed opportunities0.1Â â€”Â â€”Â â€”Â Real estate(1)4.0Â â€”Â â€”Â â€”Â Commingled funds(1)Short-term money markets65.3Â â€”Â â€”Â â€”Â U.S. equities148.5Â â€”Â â€”Â â€”Â International equities102.3Â â€”Â â€”Â â€”Â Fixed income242.2Â â€”Â â€”Â â€”Â Pension plan assets subtotal$1,421.0Â $154.7Â $697.9Â $â€”Â Other postretirement benefit plan assets:Mutual fundsU.S. multi-strategy82.4Â 82.4Â â€”Â â€”Â International equities18.0Â 18.0Â â€”Â â€”Â Fixed income97.0Â 97.0Â â€”Â â€”Â Commingled funds(1)Short-term money markets5.2Â â€”Â â€”Â â€”Â U.S. equities11.4Â â€”Â â€”Â â€”Â International equities22.8Â â€”Â â€”Â â€”Â Other postretirement benefit plan assets subtotal$236.8Â $197.4Â $â€”Â â€”Â Due to brokers, net(4)(2.7)â€”Â (2.7)â€”Â Accrued income/dividends8.5Â 8.5Â â€”Â â€”Â Total pension and other postretirement benefit plan assets$1,663.6Â $360.6Â $695.2Â $â€”Â (1)This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.(2)This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.Â (3)This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.(4)This class represents pending trades with brokers.102Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended DecemberÂ 31, 2023:(in millions)Fair ValueRedemption FrequencyRedemption Notice PeriodCommingled FundsShort-term money markets$70.5Â Daily1 dayU.S. equities159.9Â Daily1 day -5 daysInternational equities125.1Â Monthly10 days - 30 daysFixed income242.2Â Daily3 daysPrivate Equity and Real Estate Limited Partnerships(1)10.1Â N/AN/ATotal$607.8Â (1)Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.Â 103Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Our Pension and Other Postretirement Benefit Plansâ€™ Funded Status and Related Disclosure. The following table provides a reconciliation of the plansâ€™ funded status and amounts reflected in our Consolidated Balance Sheets at DecemberÂ 31 based on a DecemberÂ 31 measurement date:Â Pension BenefitsOtherÂ PostretirementÂ Benefits(in millions)2024202320242023Change in projected benefit obligation(1)Benefit obligation at beginning of

year$1,401.8Â $1,427.4Â $468.8Â $449.0Â Service cost21.9Â 20.5Â 5.0Â 5.1Â Interest cost64.9Â 68.4Â 22.0Â 21.8Â Plan participantsâ€™ contributionsâ€”Â â€”Â 3.6Â 4.2Â Plan amendmentsâ€”Â â€”Â â€”Â 3.4Â Actuarial loss (gain)(2)(64.8)27.4Â (22.5)29.1Â Benefits paid(136.4)(141.9)(40.7)(44.3)Estimated benefits paid by incurred subsidyâ€”Â â€”Â 0.1Â 0.5Â Projected benefit obligation at end of year$1,287.4Â $1,401.8Â $436.3Â $468.8Â Change in plan assetsFair value of plan assets at beginning of year$1,426.8Â $1,422.8Â $236.5Â $224.9Â Actual return on plan assets43.7Â 142.8Â 20.0Â 28.2Â Employer contributions2.4Â 3.1Â 23.6Â 23.4Â Plan participantsâ€™ contributionsâ€”Â â€”Â 3.8Â 4.3Â Benefits paid(136.4)(141.9)(40.7)(44.3)Fair value of plan assets at end of year$1,336.5Â $1,426.8Â $243.2Â $236.5Â Funded Status at end of year$49.1Â $25.0Â (193.1)(232.3)AmountsÂ recognizedÂ inÂ theÂ statementÂ of financialÂ positionÂ consistÂ of:Noncurrent assets66.5Â 44.1Â â€”Â â€”Â Current liabilities(2.3)(2.2)(1.0)(1.0)Noncurrent liabilities(15.1)(16.9)(192.1)(231.3)Net amount recognized at end of year(3)$49.1Â $25.0Â (193.1)(232.3)Amounts recognized in accumulated other comprehensive income or regulatory asset/liability(4)Unrecognized prior service credit$0.3Â $0.3Â $3.8Â $2.1Â Unrecognized actuarial loss451.4Â 500.4Â 47.0Â 76.6Â Â Net amount recognized at end of year$451.7Â $500.7Â $50.8Â $78.7Â (1)The change in benefit obligation for Pension Benefits represents the change in Projected Benefit Obligation while the change in benefit obligation for Other Postretirement Benefits represents the change in accumulated postretirement benefit obligation.(2)The pension actuarial gain was primarily driven by the increase in discount rates interest rate movements. The postretirement benefit actuarial loss (gain) was also primarily driven by a increase in discount rates and claims experience changes in trend rates.(3)We recognize our Consolidated Balance Sheets underfunded and overfunded status of our various defined benefit postretirement plans, measured as the difference between the fair value of the plan assets and the benefit obligation.(4)We determined that for certain rate-regulated subsidiaries the future recovery of pension and other postretirement benefits costs is probable. These rate-regulated subsidiaries recorded regulatory assets and liabilities of $485.3 million and zero, respectively, as of DecemberÂ 31, 2024, and $561.6 million and zero, respectively, as of DecemberÂ 31, 2023 that would otherwise have been recorded to accumulated other comprehensive loss.Our accumulated benefit obligation for our pension plans was $1,278.4 million and $1,390.9 million as of DecemberÂ 31, 2024 and 2023, respectively. The accumulated benefit obligation at each date is the actuarial present value of benefits attributed by the pension benefit formula to employee service rendered prior to that date and based on current and past compensation levels. The accumulated benefit obligation differs from the projected benefit obligation disclosed in the table above in that it includes no assumptions about future compensation levels.Â We are required to reflect the funded status of our pension and postretirement benefit plans on the Consolidated Balance Sheet. The funded status of the plans is measured as the difference between the plan assets' fair value and the projected benefit obligation. We present the noncurrent aggregate of all underfunded plans within "Accrued liability for postretirement and postemployment benefits." The portion of the amount by which the actuarial present value of benefits included in the projected 104Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)benefit obligation exceeds the fair value of plan assets, payable in the next 12 months, is reflected in "Accrued compensation and other benefits." We present the aggregate of all overfunded plans within "Deferred charges and other."For our pension plans as of December 31, 2024 and 2023, only our nonqualified plans were underfunded. These plans have no assets as they are not funded until benefits are paid. The following table sets forth the year end accumulated benefit obligation and projected benefit obligation for pension plans with a projected benefit obligation in excess of plan assets:December 31,20242023Accumulated Benefit Obligation$17.4Â $19.1Â Funded StatusProjected Benefit Obligation$17.4Â $19.1Â Funded Status of Underfunded Pension Plans at End of Year(17.4)(19.1)The following table sets forth the year end accumulated benefit obligation, projected benefit obligation and fair value of plan assets for pension plans with plan assets in excess of the projected benefit obligation:December 31,20242023Accumulated Benefit Obligation$1,261.0Â $1,371.8Â Funded StatusFair Value of Plan Assets$1,336.4Â $1,426.8Â Projected Benefit Obligation1,269.9Â 1,382.7Â Funded Status of Overfunded Pension Plans at End of Year$66.5Â $44.1Â Our pension plans were overfunded, in aggregate, by $49.1 million at DecemberÂ 31, 2024 compared to being overfunded by $25.0 million at DecemberÂ 31, 2023. The improvement in the funded status was primarily due to an increase in discount rates partially offset by actual return on assets being less than expected return on assets. We contributed $2.4 million and $3.1 million to our pension plans in 2024 and 2023, respectively. Our other postretirement benefit plans were underfunded, in aggregate by $193.1 million and $232.3 million at DecemberÂ 31, 2024 and 2023, respectively. The change in funded status was primarily due to increased discount rates and actual return on plan assets exceeding expected return. We contributed $23.6 million and $23.4 million to our other postretirement benefit plans in 2024 and 2023, respectively. In 2024 and 2023, our NiSource Pension Restoration and Columbia Energy Group pension plans paid lump sum payouts in excess of the respective plan's service cost plus interest cost, thereby meeting the requirement for settlement accounting. We recorded settlement charges of $7.2 million and $9.2 million in 2024 and 2023, respectively. In 2024 and 2023, no remeasurement occurred related to lump sum payouts.105Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The following table provides the key assumptions that were used to calculate the pension and other postretirement benefits obligations for our various plans as of DecemberÂ 31:Â PensionÂ BenefitsOtherÂ PostretirementÂ BenefitsÂ Â 2024202320242023Weighted-average assumptions to Determine Benefit ObligationDiscount Rate5.58Â %4.95Â %5.66Â %4.98Â %Rate of Compensation Increases4.00Â %4.00Â %N/AN/AInterest Crediting Rates4.00Â %4.00Â %N/AN/AHealth Care Trend RatesTrend for Next YearN/AN/A9.77Â %8.84Â %Ultimate TrendN/AN/A4.75Â %4.75Â %Year Ultimate Trend ReachedN/AN/A20332032We expect to make contributions of approximately $2.3 million to our pension plans and approximately $21.3 million to our postretirement medical and life plans in 2025.The following table provides benefits expected to be paid in each of the next five fiscal years, and in the aggregate for the five fiscal years thereafter. The expected benefits are estimated based on the same assumptions used to measure our benefit obligation at the end of the year and include benefits attributable to the estimated future service of employees:(in millions)Pension BenefitsOtherPostretirement BenefitsYear(s)2025$142.6Â $36.6Â 2026136.6Â 36.1Â 2027130.9Â 36.1Â 2028125.8Â 35.8Â 2029119.4Â 35.6Â 2030-2034528.6Â 171.7Â The following table provides the components of the plansâ€™ actuarially determined net periodic benefits cost for each of the three years ended DecemberÂ 31, 2024, 2023 and 2022:Â Pension BenefitsOther PostretirementBenefits(in millions)20242023202220242023202220242023202232022Components of Net Periodic Benefit (Income) Cost(1)Service cost$21.9Â $20.5Â $27.8Â $5.0Â $5.1Â $6.5Â Interest cost64.9Â 68.4Â 40.5Â 22.0Â 21.8Â 12.0Â Expected return on assets(95.3)(94.5)(90.8)(16.1)(15.1)(16.2)Amortization of prior service cost (credit)0.1Â 0.1Â 0.1Â (1.8)(2.1)(2.2)Recognized actuarial loss28.6Â 33.7Â 20.3Â 3.2Â 3.3Â 2.6Â Settlement loss7.2Â 9.2Â 12.4Â â€”Â â€”Â â€”Â Total Net Periodic Benefits Cost$27.4Â $37.4Â $10.3Â $12.3Â $13.0Â $2.7Â (1)Service cost is presented in "Operation and maintenance" on the Statements of Consolidated Income. Non-service cost components are presented within "Other, net."106Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)The following table provides the key assumptions that were used to calculate the net periodic benefits cost for our various plans:Â Pension BenefitsÂ Other PostretirementBenefitsÂ Â 2024202320222024202320222024Weighted-average Assumptions to Determine Net Periodic Benefit CostDiscount rate - service cost5.06Â %5.25Â %3.08Â %5.14Â %5.30Â %3.21Â %Discount rate - interest cost4.88Â %5.06Â %2.11Â %4.89Â %5.07Â %2.24Â %Expected Long-Term Rate of Return on Plan Assets7.02Â %7.00Â %4.80Â %7.06Â %6.96Â %5.72Â %Rate of Compensation Increases4.00Â %4.00Â %4.00Â %N/AN/AN/AInterest Crediting Rates4.00Â %4.00Â %4.00Â %N/AN/AN/AWe assumed a 7.02% and 7.06% rate of return on pension and other postretirement plan assets, respectively, for our calculation of 2024 pension benefits and other postretirement benefits costs. These rates were primarily based on asset mix and historical rates of return and were adjusted in 2024 due to changes in asset allocation and projected market returns.The following table provides other changes in plan assets and projected benefit obligations recognized in other comprehensive income or regulatory asset or liability:Â Â PensionÂ BenefitsOtherÂ PostretirementBenefits(in millions)20242023202420232024Other Changes in Plan Assets and Projected Benefit Obligations Recognized in Other Comprehensive Income or Regulatory Asset or LiabilityNet prior service cost $â€”Â $â€”Â $â€”Â $3.3Â Net actuarial (gain) loss (13.1)(20.9)(26.4)16.0Â Settlements/curtailments(7.2)(9.2)â€”Â â€”Â Less: amortization of prior service cost(0.1)(0.1)1.8Â 2.1Â Less: amortization of net actuarial loss(28.6)(33.7)(3.2)(3.3)Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability(49.0)(63.9)(27.8)18.1Â Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability(21.6)(26.5)(15.5)31.1Â 17. Â Â Â Â Share-Based CompensationPrior to May 19, 2020, we issued share-based compensation to employees and non-employee directors under the NiSource Inc. 2010 Omnibus Plan ("2010 Omnibus Plan"), which was most recently approved by stockholders at the Annual Meeting of Stockholders held on MayÂ 12, 2015. The 2010 Omnibus Plan provided for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and superseded the Director Stock Incentive Plan (â€œDirector Planâ€) with respect to grants made after the effective date of the 2010 Omnibus Plan.The stockholders approved and adopted the NiSource Inc. 2020 Omnibus Incentive Plan ("2020 Omnibus Plan") at the Annual Meeting of Stockholders held on May 19, 2020. The 2020 Omnibus Plan provides for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and supersedes the 2010 Omnibus Plan with respect to grants made after the effective date of the 2020 Omnibus Plan.The 2020 Omnibus Plan provides that the number of shares of common stock of NiSource available for awards is 10,000,000 plus the number of shares subject to outstanding awards that expire or terminate for any reason that were granted under the 107Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)2020 Omnibus Plan, the 2010 Omnibus Plan or any other equity plan under which awards were outstanding as of May 19, 2020. At DecemberÂ 31, 2024, there were 7,216,823 shares available for future awards under the 2020 Omnibus Plan.We recognized stock-based employee compensation expense of $32.1 million, $23.9 million and $19.0 million, during 2024, 2023 and 2022, respectively, as well as related tax benefits of $7.0 million, $7.7 million and $3.6 million, respectively. We recognized related excess tax benefits from the distribution of vested share-based employee compensation of $2.0 million, $2.9 million, and $0.4 million in 2024, 2023 and 2022, respectively.As of DecemberÂ 31, 2024, the total remaining unrecognized compensation cost related to non-vested awards amounted to $46.7 million, which will be amortized over the weighted-average remaining requisite service period of 1.8 years.Restricted Stock Units and Restricted Stock. We granted 655,713, 500,968, and 477,292 restricted stock units and shares of restricted stock to employees, subject to service conditions in 2024, 2023, and 2022, respectively. The total grant date fair value of the restricted stock units and shares of restricted stock during 2024, 2023, and 2022, respectively, was $17.1 million, $13.7 million, and $12.5 million. The grant date fair value for the 2024 and 2023 awards is based on the average market price of our common stock at the date of each grant. For the year ended 2022, the grant date fair value is based on the average market price of our common stock at the date of each grant less the present value of any dividends not received during the vesting period. The awards are expensed over the vesting period which is generally three years. As of DecemberÂ 31, 2024, 592,490, 393,509, and 270,325 non-vested restricted stock units and shares of restricted stock granted in 2024, 2023, and 2022, respectively, were outstanding. Our non-vested restricted stock units have a non-forfeitable right to dividend equivalents, with immaterial amounts paid in the periods ending DecemberÂ 31, 2024 and 2023. See Note 5, "Earnings Per Share," for further discussion. In general, if an employee terminates employment before the service conditions lapse under the 2022, 2023 or 2024 awards due to (1)Â retirement or disability (as defined in the 2020 Omnibus Plan), or (2)Â death, the service conditions will lapse on the date of such termination with respect to a pro rata portion of the restricted stock units and shares of restricted stock based upon the percentage of the service period satisfied between the grant date and the date of the termination of employment. In the event of a change in control (as defined in the 2020 Omnibus Plan), all unvested shares of restricted stock and restricted stock units awarded will immediately vest upon termination of employment occurring in connection with a change in control. Termination due to any other reason, in general, will result in all unvested shares of restricted stock and restricted stock units awarded being forfeited effective on the employeeâ€™s date of termination.A summary of our restricted stock unit award transactions for the year ended DecemberÂ 31, 2024 is as follows:(shares)RestrictedÂ StockUnitsWeighted AverageAwardÂ DateÂ FairÂ Value Per UnitÂ ($)Non-vested at December 31, 20231,066,916Â 25.71Â Granted655,713Â 26.10Â Forfeited(167,057)26.19Â Vested(227,452)22.90Â Non-vested at December 31, 20241,328,120Â 26.49Â Employee Performance Shares. We granted 896,363 performance shares subject to service, performance and/or market-based vesting conditions in 2024. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, achievement of relative total shareholder return, and other operational metrics, which make up 55%, 25%, and 20% of the issued awards respectively. The non-GAAP financial measure is cumulative adjusted earnings per share, which we define as diluted earnings per share adjusted for certain items. Relative total shareholder return, a market-based vesting condition, which we define as the annualized growth in dividends and share price of a share of our common stock (calculated using a 20 trading day average of our closing price over the performance period, approximately) compared to the total shareholder return of a predetermined peer group of companies. A Monte Carlo analysis was used to value the portion of these awards dependent on the market-based vesting condition. The grant date fair value of the non-GAAP financial measure shares is based on the closing stock price of our common stock at the date of each grant, which will be expensed over the requisite service period of three years. The conditions 108Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)for the remaining performance-based awards are based on operational goals of Annual Operational Index Scorecard (10%), Employee Engagement Index Score (5%), and Environmental Greenhouse Gas Reduction (5%). In 2023, we granted 649,088 performance shares subject to service, performance and/or market-based vesting conditions. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, achievement of relative total shareholder return, and other operational metrics, which make up 50%, 25%, and 25% of the issued awards respectively. The operational metrics consist of goals of economic inclusion (5%), OPEX ("Operating Expenses") Index (10%), Employee Engagement Index Score (5%), and Environmental GHG Reduction (5%). The OPEX Index is further defined by goals related to risk mitigation and modernization of our infrastructure.In 2022, we granted 566,086 performance shares subject to service, performance and/or market-based vesting conditions. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, and/or achievement of relative total shareholder return, outlined above. The number of shares that are eligible to vest based on these performance conditions are adjusted based on performance of the magnifier framework for 2022 awards. The operational magnifier framework for 2022 performance shares consists of three areas of focus, including safety, environment, and workforce, representing 20%, 10% and 10%, respectively. The following table presents details of the performance awards described above.Award YearService Conditions Lapse datePerformance PeriodAward ConditionsShares outstanding at 12/31/2024(shares)Grant Date Fair Value(in millions)20242/26/202701/01/2024-12/31/2026Non-GAAP Financial and Operational Measures619,673Â $17.4Â Relative Total Shareholder Return206,524Â $6.9Â 20232/28/202601/01/2023-12/31/2025Non-GAAP Financial and Operational Measures430,670Â $13.3Â Relative Total Shareholder Return143,540Â $5.4Â 20222/28/202501/01/2022-12/31/2024Non-GAAP Financial Measure195,460Â $7.4Â Relative Total Shareholder Return195,460Â $10.6Â A summary of our performance award transactions for the year ended DecemberÂ 31, 2024 is as follows:(shares)PerformanceAwardsWeightedÂ AverageGrantÂ DateÂ FairÂ Value Per UnitÂ ($)Non-vested at December 31, 20231,558,509Â 28.01Â Granted896,363Â 27.05Â Forfeited(189,080)31.75Â Vested(546,569)21.95Â Non-vested at December 31, 20241,719,223Â 24.96Â Non-employee Director Awards. As of MayÂ 19, 2020, awards to non-employee directors may be made only under the 2020 Omnibus Plan. Currently, restricted stock units are granted annually to non-employee directors, subject to a non-employee directorâ€™s election to defer receipt of such restricted stock unit award. The non-employee directorâ€™s annual award of restricted stock units vest on the first anniversary of the grant date subject to special pro-rata vesting rules in the event of retirement or 109Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)disability (as defined in the award agreement), or death. The vested restricted stock units are payable as soon as practicable following vesting except as otherwise provided pursuant to the non-employee directorâ€™s deferral election. Certain restricted stock units remain outstanding from the 2010 Omnibus Plan and the Director Plan. All such awards are fully vested and shall be distributed to the directors upon their separation from the Board.As of DecemberÂ 31, 2024, 292,566 restricted stock units are outstanding to non-employee directors under either the 2020 Omnibus Plan, the 2010 Omnibus Plan or the Director Plan. Of this amount, 68,436 restricted stock units are unvested and expected to vest. 401(k)Â Match, Profit Sharing and Company Contribution. Eligible salaried employees hired after January 1, 2010 and hourly and union employees hired after January 1, 2013 receive a non-elective company contribution of 4.5% of eligible pay payable in cash or shares of NiSource common stock. We also have a voluntary 401(k) savings plan covering eligible union and nonunion employees that allows for periodic discretionary matches as a percentage of each participantâ€™s contributions payable in cash or shares. Further, we have a retirement savings

plan that provides for discretionary profit sharing contributions to eligible employees. For the years ended DecemberÂ 31, 2024, 2023 and 2022, we recognized 401(k) match, profit sharing and non-elective contribution expense of $56.9 million, $50.7 million and $39.1 million, respectively.18.Â Â Â Â LeasesLease Descriptions. We are the lessee for substantially all of our leasing activity, which includes operating and finance leases for corporate and field offices, railcars, land, and fleet vehicles. Our corporate and field office leases and certain land leases have remaining terms between 1 and 39 years with options to renew the leases for up to 35 years. We lease railcars to transport coal to and from our electric generation facilities in Indiana. Our railcars are specifically identified in the lease agreements which have remaining lease terms between 1 and 3 years with options to renew for 1 year. Our fleet vehicles include trucks, trailers and equipment that have been customized specifically for use in the utility industry. We lease fleet vehicles for 1 year terms, after which we have the option to extend on a month-to-month basis or terminate with written notice. We elected the short-term lease practical expedient, allowing us to not recognize ROU assets or lease liabilities for all leases with a term of 12 months or less. ROU assets and liabilities on our Consolidated Balance Sheets do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so. We have not provided material residual value guarantees for our leases, nor do our leases contain material restrictions or covenants. Lease contracts containing renewal and termination options are mostly exercisable at our sole discretion. Certain of our real estate and railcar leases include renewal periods in the measurement of the lease obligation if we have deemed the renewals reasonably certain to be exercised.With respect to service contracts involving the use of assets, if we have the right to direct the use of the asset and obtain substantially all economic benefits from the use of an asset, we account for the service contract as a lease. Unless specifically provided to us by the lessor, we utilize NiSource's collateralized incremental borrowing rate commensurate to the lease term as the discount rate for all of our leases. ASC 842 permits a lessee, by class of underlying asset, not to separate nonlease components from lease components. Our policy is to apply this expedient for our leases of fleet vehicles, IT assets and railcars when calculating their respective lease liabilities.Lease costs for the years ended DecemberÂ 31, 2024 and DecemberÂ 31, 2023 are presented in the table below. These costs include both amounts recognized in expense and amounts capitalized as part of the cost of another asset. Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:Year Ended December 31, (in millions)Income Statement Classification20242023Finance lease costAmortization of right-of-use assetsDepreciation and amortization$27.1Â $32.0Â Interest on lease liabilitiesInterest expense, net13.5Â 8.6Â Total finance lease cost40.6Â 40.6Â Operating lease costOperation and maintenance14.7Â 11.3Â Total lease cost$55.3Â $51.9Â 110Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:At December 31, (in millions)Balance Sheet Classification20242023AssetsFinance leasesNet Property, Plant and Equipment$222.9Â $184.3Â Operating leasesDeferred charges and other26.4Â 32.9Total leased assets$249.3Â 217.2LiabilitiesCurrentFinance leasesCurrent portion of long-term debt$22.9Â 23.8Operating leasesOther accruals9.1Â 8.3NoncurrentFinance leasesLong-term debt, excluding amounts due within one year223.3Â 181.6Operating leasesOther noncurrent liabilities and deferred credits 18.2Â 25.8Total lease liabilities$273.5Â $239.5Â Other pertinent information related to leases was as follows:Year Ended December 31, (in millions)20242023Cash paid for amounts included in the measurement of lease liabilitiesOperating cash flows used for finance leases$11.2Â $9.3Â Operating cash flows used for operating leases14.5Â 11.1Financing cash flows used for finance leases26.9Â 33.1Right-of-use assets obtained in exchange for lease obligationsFinance leases65.9Â 64.5Operating leases$12.2Â $5.6Â December 31, 2024December 31, 2023Weighted-average remaining lease term (years)Finance leases20.516.4Operating leases5.66.7Weighted-average discount rateFinance leases5.6Â %5.5Â %Operating leases4.5Â %4.3Â %111Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Maturities of our lease liabilities as of DecemberÂ 31, 2024 were as follows:As of December 31, 2024, (in millions)TotalFinance LeasesOperating Leases2025$44.6Â $34.6Â $10.0Â 202634.7Â 29.4Â 5.3Â 202728.5Â 24.2Â 4.3Â 202826.1Â 23.0Â 3.1Â 202921.5Â 19.0Â 2.5Â Thereafter304.9Â 299.2Â 5.7Â Total lease payments460.3Â 429.4Â 30.9Â Less: Imputed interest(186.8)(183.2)(3.6)Total$273.5Â $246.2Â $27.3Â Reported as of December 31, 2024Short-term lease liabilities32.0Â 22.9Â 9.1Â Long-term lease liabilities241.5Â 223.3Â 18.2Â Total lease liabilities$273.5Â $246.2Â $27.3Â 112Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)19.Â Â Â Â Other Commitments and ContingenciesA.Â Â Â Â Â Â Â Â Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at DecemberÂ 31, 2024 and their maturities were:(in millions)Total20252026202720282029AfterLong-term debt (1)$13,205.0Â $1,260.0Â $â€”Â $1,090.0Â $1,055.0Â $1,350.0Â $8,450.0Â Interest payments on long-term debt8,090.3Â 566.2Â 551.1Â 531.7Â 481.6Â 453.9Â 5,505.8Â Finance leases(2)429.4Â 34.6Â 29.4Â 24.2Â 23.0Â 19.0Â 299.2Â Operating leases(3)30.9Â 10.0Â 5.3Â 4.3Â 3.1Â 2.5Â 5.7Â Energy commodity contracts119.7Â 118.5Â 0.3Â 0.3Â 0.4Â 0.2Â â€”Â Service obligations:Pipeline service obligations2,694.6Â 685.5Â 631.2Â 609.2Â 373.2Â 245.2Â 150.3Â IT service obligations120.7Â 73.9Â 30.3Â 11.4Â 5.1Â â€”Â â€”Â Plant equipment purchase obligations173.5Â 140.5Â 24.9Â 4.3Â 3.8Â â€”Â â€”Â Other liabilities(4)336.0Â 287.0Â 7.9Â 7.7Â 7.6Â 7.7Â 18.1Â Total contractual obligations$25,200.1Â $3,176.2Â $1,280.4Â $2,283.1Â $1,952.8Â $2,078.5Â $14,429.1Â (1) Long-term debt balance excludes unamortized issuance costs and discounts of $95.5 million. (2) Finance lease payments shown above are inclusive of interest totaling $183.2 million. (3) Operating lease payments shown above are inclusive of interest totaling $3.6 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so as they are renewed month-to-month after the first year. (4)Other liabilities shown above are primarily related to the Dunns Bridge II and Indiana Crossroads Solar Developer payments due in 2025 and ongoing maintenance service agreements for our renewable joint ventures.Purchase and Service Obligations. We have entered into various purchase and service agreements whereby we are contractually obligated to make certain minimum payments in future periods. Our energy commodity contracts are for the purchase of physical quantities of natural gas, electricity and coal. Our service obligations, consisting of pipeline service obligations and IT service obligations, encompass a broad range of business support and maintenance functions which are generally described below. Our plant equipment purchase obligations are for plant equipment, typically for generation assets, with long lead times that require payments made over time Our subsidiaries have entered into various energy commodity contracts to purchase physical quantities of natural gas, electricity and coal. These amounts represent the minimum quantity of these commodities we are obligated to purchase at both fixed and variable prices. To the extent contractual purchase prices are variable, obligations disclosed in the table above are valued at market prices as of DecemberÂ 31, 2024.NIPSCO has PPAs representing a total of 600 MW of wind power, with contracts expiring between 2038 and 2040. No minimum quantities are specified within these agreements due to the variability of electricity generation from wind, so no amounts related to these contracts are included in the table above. Upon early termination of one of these agreements by NIPSCO for any reason (other than material breach by the counterparties), NIPSCO may be required to pay a termination charge that could be material depending on the events giving rise to termination and the timing of the termination. We have pipeline service agreements that provide for pipeline capacity, transportation and storage services. These agreements, which have expiration dates ranging from 2028 to 2038, require us to pay fixed monthly charges. NIPSCO has contracts with three major rail operators providing coal transportation services for which there are certain minimum payments. These service contracts extend for various periods through 2025.We have executed agreements with multiple IT service providers. The agreements extend for various periods through 2029. 113Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)B.Â Â Â Â Â Â Â Â Guarantees and Indemnities. We and certain of our subsidiaries enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries as part of normal business. Such agreements include guarantees and stand-by letters of credit. These agreements are entered into primarily to support or enhance the creditworthiness otherwise attributed to a subsidiary on a stand-alone basis, thereby facilitating the extension of sufficient credit to accomplish the subsidiariesâ€™ intended commercial purposes. At DecemberÂ 31, 2024 and 2023, we issued stand-by letters of credit of $9.4 million and $9.9 million, respectively, for the benefit of third parties. We provide guarantees related to our future performance under BTAs for our renewable generation projects. At DecemberÂ 31, 2024 and 2023, our guarantees for multiple BTAs totaled $1,127.5 million and $646.1 million, respectively. The amount of each guaranty will decrease upon completion of certain milestones for the construction of the facilities, including mechanical and substantial completion. See â€œ- E. Other Matters - Generation Transition,â€ below for more information.We provide guarantees related to some of our rail and pipeline service agreements. If we do not meet our contractual obligations under the terms of these agreements we would be required to pay up to a maximum of $61.7Â million.C.Â Â Â Â Â Â Â Â Legal Proceedings. From time to time, various legal and regulatory claims and proceedings are pending or threatened against the Company and its subsidiaries. While the amounts claimed may be substantial, the Company is unable to predict with certainty the ultimate outcome of such claims and proceedings. The Company establishes reserves whenever it believes it to be appropriate for pending litigation matters. However, the actual results of resolving the pending litigation matters may be substantially higher than the amounts reserved. If one or more other matters were decided against us, the effects could be material to our results of operations in the period in which we would be required to record or adjust the related liability and could also be material to our cash flows in the periods that we would be required to pay such liability. Due to the inherent uncertainty of litigation, there can be no assurance that the resolution of any particular claim, proceeding or investigation would not have a material adverse effect on our results of operations, financial position or liquidity.Other Claims and Proceedings. We are also party to certain other claims, regulatory and legal proceedings arising in the ordinary course of business in each state in which we have operations, and based upon an investigation of these matters and discussion with legal counsel, we believe the ultimate outcome of such other legal proceedings to be individually, or in aggregate, not material at this time.D.Â Â Â Â Â Â Â Â Environmental Matters. Our operations are subject to environmental statutes and regulations related to air quality, water quality, hazardous waste and solid waste. We believe that we are in substantial compliance with the environmental regulations currently applicable to our operations.It is management's continued intent to address environmental issues in cooperation with regulatory authorities in such a manner as to achieve mutually acceptable compliance plans. However, there can be no assurance that fines and penalties will not be incurred. Management expects the majority of environmental assessment and remediation costs and asset retirement costs, further described below, to be recoverable through rates. See Note 11, "Asset Retirement Obligations" and Note 12, "Regulatory Matters," for additional detail.As of DecemberÂ 31, 2024 and 2023, we had recorded a liability of $91.8 million and $80 million, respectively, to cover environmental remediation at various sites. This liability is included in "Other accruals" and "Other noncurrent liabilities and deferred credits" in the Consolidated Balance Sheets. We recognize costs associated with environmental remediation obligations when the incurrence of such costs is probable and the amounts can be reasonably estimated. The original estimates for remediation activities may differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including laws and regulations, the nature and extent of impact and the method of remediation. These expenditures are not currently estimable at some sites. We periodically adjust our liability as information is collected and estimates become more refined. CERCLA. Our subsidiaries are potentially responsible parties at waste disposal sites under the CERCLA and similar state laws. Under CERCLA, each potentially responsible party can be held jointly, severally and strictly liable for the remediation costs as the EPA, or state, can allow the parties to pay for remedial action or perform remedial action themselves and request reimbursement from the potentially responsible parties. Our affiliates have retained CERCLA environmental liabilities, including remediation liabilities, associated with certain current and former operations. At this time, we cannot estimate the full cost of remediating properties that have not yet been investigated, but it is possible that the future costs could be material to the Consolidated Financial Statements.114Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)MGP. We maintain a program to identify and investigate former MGP sites where gas distribution subsidiaries or predecessors may have liability. The program has identified 51 such sites where liability is probable. Remedial actions at many of these sites are being overseen by state or federal environmental agencies through consent agreements or voluntary remediation agreements.We utilize a probabilistic model to estimate our future remediation costs related to MGP sites. The model was prepared with the assistance of a third party and incorporates our experience and general industry experience with remediating MGP sites. We complete an annual refresh of the model in the second quarter of each fiscal year. We recorded an $11.2Â million increase to the estimated future remediation costs as a result of the refresh completed in the second quarter of 2024. No material changes to the estimated future remediation costs were noted as a result of an internal quarterly review of environmental reserves completed as of December 31, 2024. Our total estimated liability related to the facilities subject to remediation was $86.4 million and $73.7 million at DecemberÂ 31, 2024 and 2023, respectively. The liability represents our best estimate of the probable cost to remediate the MGP sites. Our model indicates that it is reasonably possible that remediation costs could vary by as much as $16.3 million in addition to the costs noted above. Remediation costs are estimated based on the best available information, applicable remediation standards at the balance sheet date, and experience with similar facilities.CCRs. NIPSCO continues to meet the compliance requirements established by the EPA for the regulation of CCRs. The CCR rule requirements currently in effect required revisions to previously recorded legal obligations associated with the retirement of certain NIPSCO facilities. The actual asset retirement costs related to the CCR rule may vary substantially from the estimates used to record the increased asset retirement obligation due to the uncertainty about the requirements that will be established by environmental authorities, compliance strategies that will be used and the preliminary nature of available data used to estimate costs. As allowed by the rule, NIPSCO will continue to collect data over time to determine the specific compliance solutions and associated costs and, as a result, the actual costs may vary. On May 8, 2024, the EPA finalized changes to the current CCR regulations ("Legacy CCR Rule") which address inactive surface impoundments at inactive facilities, referred to as legacy impoundments, and CCR management units ("CCRMUs") at inactive and active facilities. The rule largely requires these newly regulated units to conform to existing requirements, such as groundwater monitoring, closure requirements, and post-closure care. During 2024, we recorded additional asset retirement obligations of $149.7 million to cover probable and estimable compliance activities associated with the Legacy CCR Rule with an offsetting regulatory asset. Facility evaluations for CCRMUs are required by February 2026 and 2027. NIPSCO continues to assess whether existing legal obligations associated with the retirement of certain facilities must be revised and to estimate probable additional required asset retirement costs. NIPSCO expects to receive recovery of any such costs through existing and future depreciation rates.E. Â Â Â Â Â Â Â Â Other MattersGeneration Transition. NIPSCO has executed several BTAs with developers to construct renewable generation facilities. NIPSCO has received IURC approval for all of its BTAs and PPAs. In October 2024, NIPSCO contracted with a developer to convert the previously approved Templeton Wind PPA to a BTA and has provided a notice of intent to file a CPCN with the IURC. In addition to IURC approval, NIPSCO's purchase obligation under certain BTAs is dependent on timely completion of construction. Certain agreements require NIPSCO to make partial payments upon the developer's completion of significant construction milestones. With respect to BTAs for which tax equity partnerships are utilized, once the tax equity partner has earned its negotiated rate of return and we have reached the agreed upon contractual date, NIPSCO has the option to purchase at fair market value the remaining interest in the JV from the tax equity partner. In January 2024, the IURC approved the full ownership of Cavalry and Dunns Bridge II which will allow those BTAs to be executed through direct ownership. In March 2024, Cavalry achieved mechanical completion, resulting in NIPSCO making a $110.6Â million payment to the developer. In May 2024, Cavalry achieved substantial completion and commenced commercial operations, resulting in NIPSCO making a $114.9Â million payment to the developer. In August 2024, the IURC approved full ownership of the Gibson and Fairbanks projects as well as an increase to the cost of the Fairbanks project. In January 2025, Fairbanks achieved mechanical completion resulting in NIPSCO making a $336.6Â million payment to the developer. In September 2024, Dunns Bridge II achieved mechanical completion, resulting in NIPSCO making a $153.3Â million payment to the developer. In January 2025, substantial completion was achieved requiring a final payment of $217.6Â million to be paid in February 2025. NIPSCO has filed a request to modify the ownership structure for the Templeton wind project to become a wholly owned project.NIPSCO Minority Interest Transaction. On December 31, 2023, pursuant to the terms of the BIP Purchase Agreement and simultaneously with the closing of the NIPSCO Minority Interest Transaction, Blackstone, NIPSCO Holdings I, NIPSCO 115Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Holdings II and NiSource entered into an Amended and Restated Limited Liability Company Agreement (the "LLC Agreement") of NIPSCO Holdings II. Specifically, under the terms of the LLC Agreement, Blackstone will provide up to $250Â million in additional capital contributions over a three-year period after the closing, which the obligation is backed by an Equity Commitment Letter from an affiliate of Blackstone. Under the LLC Agreement, Blackstone is entitled to appoint two directors to the board of directors of NIPSCO Holdings II (the â€œBoardâ€) so long as Blackstone (together with any approved affiliate) holds at least a 17.5% percentage interest

(as defined in the LLC Agreement). In connection with the closing, Blackstone appointed two directors to the Board, such that the Board is now comprised of seven directors, two appointed by Blackstone and five appointed by NiSource. The LLC Agreement also contains certain investor protections, including, among other things, requiring Blackstone approval for Holdings II to take certain major actions. In addition, the LLC Agreement contains certain terms regarding transfer rights and other obligations applicable to both Blackstone and NiSource. The LLC Agreement establishes, among other things, governance rights, exit rights, requirements for additional capital contributions, mechanics for distributions, and other arrangements for Holdings II following the closing. On January 31, 2024, BIP transferred a 4.5% equity interest in NIPSCO Holdings II to BIP Blue Buyer VCOC L.L.C., a Delaware limited liability company and also an affiliate of Blackstone. Effective upon the closing of this transfer, the members of NIPSCO Holdings II entered into a Second Amended and Restated Limited Liability Company Operating Agreement of NIPSCO Holdings II (the "Amended LLC Agreement"). The two affiliates of Blackstone must vote their equity holdings under the Amended LLC Agreement as one investor. Refer to Note 4, "Noncontrolling Interests," for detailed discussion of accounting for the NIPSCO Minority Interest Transaction. 20. Â Â Â Â Accumulated Other Comprehensive LossThe following table displays the activity of Accumulated Other Comprehensive Loss, net of tax:(in millions)Gains and Losses on Securities(1)Gains and Losses on Cash Flow Hedges(1)Pension and OPEB Items(1)AccumulatedOtherComprehensiveLoss(1)Balance as of January 1, 2022$2.1Â (122.5)(6.4)$(126.8)Other comprehensive (loss) income before reclassifications(13.7)109.7Â (8.9)87.1Â Amounts reclassified from accumulated other comprehensive loss0.4Â 0.2Â 2.0Â 2.6Â Net current-period other comprehensive (loss) income(13.3)109.9Â (6.9)89.7Â Balance as of December 31, 2022(11.2)(12.6)(13.3)(37.1)Other comprehensive (loss) income before reclassifications3.1Â (0.5)(1.4)1.2Â Amounts reclassified from accumulated other comprehensive loss0.8Â 0.3Â 1.2Â 2.3Â Net current-period other comprehensive (loss) income3.9Â (0.2)(0.2)3.5Â Balance as of December 31, 2023(7.3)(12.8)(13.5)(33.6)Other comprehensive income (loss) before reclassifications1.5Â â€”Â (1.2)0.3Â Amounts reclassified from accumulated other comprehensive loss1.8Â (0.4)1.5Â 2.9Â Net current-period other comprehensive income (loss)3.3Â (0.4)0.3Â 3.2Â Balance as of December 31, 2024(4.0)(13.2)(13.2)(30.4)Â (1)All amounts are net of tax. Amounts in parentheses indicate debits.116Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)21. Â Â Â Â Business Segment InformationOur reportable segments reflect the manner in which our business is managed and our resources are allocated. Following the consummation of the NIPSCO Minority Interest Transaction, we revised how we evaluate results and allocate resources across our business with an increased focus on operating performance at the state level. Refer to Note 4, "Noncontrolling Interests," for additional information on the NIPSCO Minority Interest Transaction. At DecemberÂ 31, 2024, our operations are divided into two primary reportable segments, the Columbia Operations and the NIPSCO Operations segments. Columbia Operations aggregates the results of the fully regulated and wholly owned subsidiaries of NiSource Gas Distribution Group, Inc. (a holding company that owns Columbia of Kentucky, Columbia of Maryland, Columbia of Ohio, Columbia of Pennsylvania, and Columbia of Virginia). Each Columbia distribution company is an operating segment which we aggregate to form the Columbia Operations reportable segment. NIPSCO Operations includes the results of NIPSCO Holdings I and its majority-owned subsidiaries, including NIPSCO, which has fully regulated gas and electric operations in northern Indiana. Our historical segment disclosures have been recast to be consistent with the current presentation.The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as an operating segment, are presented as "Corporate and Other" in the subsequent reconciliation table and primarily are comprised of interest expense on holding company debt and unallocated corporate costs and activities. Refer to Note 3, "Revenue Recognition," for additional information on our segments and their sources of revenues. The following table provides information about our reportable segments. We use operating income as our primary measurement for each of the reported segments and make decisions on financing, dividends and taxes at the corporate level on a consolidated basis. We provide this measure to our Chief Operating Decision Maker, the CEO, who utilizes this measure to make operating segment level strategy decisions based on budget-to-actual variances and against prior periods to allocate resources accordingly. Segment revenues include intersegment sales to affiliated subsidiaries, which are eliminated in consolidation. Affiliated sales are recognized on the basis of prevailing market, regulated prices or at levels provided for under contractual agreements. Operating income is derived from revenues and expenses directly associated with each segment.Year Ended December 31, 2024 (in millions)Columbia OperationsNIPSCO OperationsTotal of Reportable SegmentsOperating RevenuesExternal Revenue$2,703.2Â $2,751.0Â $5,454.2Â Intersegment Revenue12.8Â 1.0Â 13.8Â Total Operating Revenue$2,716.0Â $2,752.0Â $5,468.0Â Cost of energy514.7Â 617.5Â 1,132.2Â O&M837.5Â 761.4Â 1,598.9Â Depreciation409.1Â 590.3Â 999.4Â Total other taxes218.6Â 64.3Â 282.9Â Other segment items(1)7.4Â (1.3)6.1Â Operating Income $728.7Â $719.8Â $1,448.5Â Capital Expenditures(2)$1,209.0Â $2,252.4Â $3,461.4Â Assets$14,769.5Â $15,823.5Â $30,593.0Â (1)Other segment items consists of Loss (gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income. (2)Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.117Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)Year Ended December 31, 2023 (in millions)Columbia OperationsNIPSCO OperationsTotal of Reportable SegmentsOperating RevenuesExternal Revenue$2,733.9Â $2,770.7Â $5,504.6Â Intersegment Revenue12.2Â 0.9Â 13.1Â Total Operating Revenue$2,746.1Â $2,771.6Â $5,517.7Â Cost of energy645.0Â 888.3Â 1,533.3Â O&M792.3Â 787.7Â 1,580.0Â Depreciation371.7Â 493.8Â 865.5Â Total other taxes198.8Â 57.9Â 256.7Â Other segment items(1)â€”Â 2.2Â 2.2Â Operating Income$738.3Â $541.7Â $1,280.0Â Capital Expenditures(2)$1,159.6Â $1,294.8Â $2,454.4Â Assets$13,664.5Â $13,962.6Â $27,627.1Â (1)Other segment items consists of Loss(gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income. (2)Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.Year Ended December 31, 2022 (in millions)Columbia OperationsNIPSCO OperationsTotal of Reportable SegmentsOperating RevenuesExternal Revenue$2,951.9Â $2,886.2Â $5,838.1Â Intersegment Revenue12.5Â 0.9Â 13.4Â Total Operating Revenue$2,964.4Â $2,887.1Â $5,851.5Â Cost of energy978.4Â 1,132.1Â 2,110.5Â O&M791.3Â 740.4Â 1,531.7Â Depreciation329.4Â 449.4Â 778.8Â Total other taxes184.2Â 72.1Â 256.3Â Other segment items(1)(103.9)â€”Â (103.9)Operating Income $785.0Â $493.1Â $1,278.1Â Capital Expenditures(2)$1,237.9Â $1,018.9Â $2,256.8Â Assets$13,059.4Â $11,759.9Â $24,819.3Â (1)Other segment items consists of proceeds from a property insurance settlement related to the Greater Lawrence Incident and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.(2)Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.118Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)To reconcile the segment tables above to consolidated NiSource:Year Ended December 31, 2024 (in millions)Total Reportable SegmentsCorporate and OtherEliminationsConsolidated NiSourceTotal Operating Revenue$5,468.0Â $581.9Â (594.8)5,455.1Â Operating Income1,448.5Â 7.0Â â€”Â 1,455.5Â Capital Expenditures3,461.4Â 231.1Â â€”Â 3,692.5Â Assets30,593.0Â 1,195.1Â â€”Â 31,788.1Â Year Ended December 31, 2023 (in millions)Total Reportable SegmentsCorporate and OtherEliminationsConsolidated NiSourceTotal Operating Revenue$5,517.7Â $504.6Â (516.9)5,505.4Â Operating Income 1,280.0Â 15.5Â â€”Â 1,295.5Â Capital Expenditures2,454.4Â 236.3Â â€”Â 2,690.7Â Assets27,627.1Â 3,450.1Â â€”Â 31,077.2Â Year Ended December 31, 2022 (in millions)Total Reportable SegmentsCorporate and OtherEliminationsConsolidated NiSourceTotal Operating Revenue$5,851.5Â $477.5Â (478.4)5,850.6Â Operating Income (Loss)1,278.1Â (12.3)â€”Â 1,265.8Â Capital Expenditures2,256.8Â 41.2Â â€”Â 2,298.0Â Assets24,819.3Â 1,917.3Â â€”Â 26,736.6Â 22. Â Â Â Â Other, NetThe following table displays the components of Other, Net included on the Statements of Consolidated Income:Year Ended DecemberÂ 31, (in millions)202420232022Interest income$10.4Â $9.0Â $4.3Â AFUDC equity75.1Â 25.2Â 15.1Â Charitable contributions(5.4) (1.8)(4.4)Pension and other postretirement non-service cost(1)(13.5)(24.0)27.6Â Interest rate swap settlement gainâ€”Â â€”Â 10.0Â Miscellaneous(2.1)(0.4)(0.4)Total Other, net$64.5Â $8.0Â $52.2Â (1) See Note 16, "Pension and Other Postemployment Benefits," for additional information.119Table of ContentsNISOURCE INC.Notes to Consolidated Financial Statements ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)23. Â Â Â Â Interest Expense, NetThe following table displays the components of Interest Expense, Net included on the Statements of Consolidated Income:Year Ended DecemberÂ 31, (in millions)202420232022Interest on long-term debt$506.2Â $404.1Â $344.5Â Interest on short-term borrowings43.2Â 108.9Â 22.7Â Debt discount/cost amortization13.8Â 13.5Â 11.7Â Accounts receivable securitization fees1.5Â 2.7Â 2.5Â Allowance for borrowed funds used and interest capitalized during construction(40.1)(25.3)(6.7)Debt-based post-in-service carrying charges(26.4)(30.7)(21.1)Other19.0Â 16.4Â 8.0Â Total Interest Expense, net$517.2Â $489.6Â $361.6Â 24. Â Â Â Â Supplemental Cash Flow InformationThe following table provides additional information regarding our Consolidated Statements of Cash Flows for the years ended DecemberÂ 31, 2024, 2023 and 2022:Year Ended DecemberÂ 31, (in millions)202420232022Supplemental Disclosures of Cash Flow InformationNon-cash transactions:Capital expenditures included in current liabilities$367.0Â $315.0Â $275.1Â Assets acquired under a finance lease65.9Â 64.5Â 19.3Â Assets acquired under an operating lease12.2Â 5.6Â 8.8Â Assets recorded for asset retirement obligations(1)277.4Â 61.1Â 6.3Â Purchase contract liability, net of fees and payments(2)â€”Â â€”Â 65.0Â Schedule of interest and income taxes paid:Cash paid for interest on debt, net of interest capitalized amounts$468.2Â $433.9Â $343.8Â Cash paid for interest on finance leases11.2Â 8.6Â 8.5Â Cash paid for income taxes, net of refunds4.3Â 9.4Â 7.2Â (1)See Note 11, "Asset Retirement Obligations," for additional information. (2)Refer to Note 6, "Equity," for additional information.120Table of ContentsITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA (continued)NISOURCE INC.SCHEDULE II â€“ VALUATION AND QUALIFYING ACCOUNTSTwelve months ended December 31, 2024Â Â Â AdditionsÂ ($ in millions)Balance Jan.Â 1,Â 2024ChargedÂ to Costs and ExpensesCharged to Other AccountÂ (1)Deductions for Purposes for whichÂ Reserves were CreatedBalance Dec.Â 31,Â 2024Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:Reserve for accounts receivable$22.9Â $23.2Â $32.3Â $54.7Â $23.7Â Reserve for deferred charges and other1.3Â â€”Â (0.2)â€”Â 1.1Â Twelve months ended December 31, 2023Â Â AdditionsÂ ($ in millions)Balance Jan.Â 1,Â 2023ChargedÂ to Costs and ExpensesCharged to Other AccountÂ (1)Deductions for Purposes for whichÂ Reserves were CreatedBalance Dec.Â 31,Â 2023Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:Reserve for accounts receivable$23.9Â $23.4Â $36.6Â $61.0Â $22.9Â Reserve for deferred charges and other1.0Â â€”Â 0.3Â â€”Â 1.3Â Twelve months ended December 31, 2022Â Â AdditionsÂ ($ in millions)Balance Jan. 1, 2022Charged to Costs and ExpensesCharged to Other AccountÂ (1)Deductions for Purposes for which Reserves were CreatedBalance Dec. 31, 2022Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:Reserve for accounts receivable$23.5Â $20.6Â $36.4Â $56.6Â $23.9Â Reserve for deferred charges and other2.3Â â€”Â (1.3)â€”Â 1.0Â (1) Charged to Other Accounts reflects the deferral of bad debt expense to a regulatory asset or the movement of the reserve between short term and long term.121Table of ContentsNISOURCE INC.ITEMÂ 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURENone.ITEMÂ 9A. CONTROLS AND PROCEDURESEvaluation of Disclosure Controls and ProceduresOur CEO and CFO are responsible for evaluating the effectiveness of disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)). Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by the Company in reports that are filed or submitted under the Exchange Act are accumulated and communicated to management, including our CEO and CFO, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Based upon that evaluation, our CEO and CFO concluded that, as of the end of the period covered by this report, disclosure controls and procedures were effective to provide reasonable assurance that financial information was processed, recorded and reported accurately. Managementâ€™s Annual Report on Internal Control over Financial ReportingOur management, including our CEO and CFO, are responsible for establishing and maintaining internal control over financial reporting, as such term is defined under RuleÂ 13a-15(f) or Rule 15d-15(f) promulgated under the Exchange Act. However, management would note that a control system can provide only reasonable, not absolute, assurance that the objectives of the control system are met. Our management has adopted the 2013 framework set forth in the Committee of Sponsoring Organizations of the Treadway Commission report, Internal Control - Integrated Framework, the most commonly used and understood framework for evaluating internal control over financial reporting, as its framework for evaluating the reliability and effectiveness of internal control over financial reporting. During 2024, we conducted an evaluation of our internal control over financial reporting. Based on this evaluation, management concluded that our internal control over financial reporting was effective as of the end of the period covered by this Annual Report on Form 10-K. DeloitteÂ & Touche LLP, our independent registered public accounting firm, issued an attestation report on our internal controls over financial reporting which is included herein.Changes in Internal ControlsThere have been no changes in our internal control over financial reporting during the most recently completed quarter covered by this report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.122Table of ContentsITEMÂ 9A. CONTROLS AND PROCEDURESNISOURCE INC.REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM To the shareholders and the Board of Directors of NiSource Inc.Opinion on Internal Control over Financial ReportingWe have audited the internal control over financial reporting of NiSource Inc. and subsidiaries (the â€œCompanyâ€) as of December 31, 2024, based on criteria established in Internal Control â€” Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2024, based on criteria established in Internal Control â€” Integrated Framework (2013) issued by COSO.We have also audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements as of and for the year ended December 31, 2024, of the Company and our report dated February 12, 2025, expressed an unqualified opinion on those financial statements.Basis for Opinion The Companyâ€™s management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Annual Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Companyâ€™s internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.Definition and Limitations of Internal Control over Financial ReportingA companyâ€™s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A companyâ€™s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the companyâ€™s assets that could have a material effect on the financial statements.Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate./s/ DELOITTEÂ & TOUCHE LLPColumbus, OhioFebruary 12, 2025123Table of ContentsITEMÂ 9B. OTHER INFORMATIONNISOURCE INC.Director and Officer Trading ArrangementsThe following table describes any contracts, instructions or written plans for the sale or purchase of NiSource securities and intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act that were adopted by our directors and executive officers during the year ended December 31, 2024: Name and TitleDate of Adoption of Rule 10b-5-1 Trading PlanScheduled Expiration Date of Rule 10b5-1 Trading Plan(1)Aggregate Number of Securities to Be Purchased or SoldShawn Anderson Executive Vice President, Chief Financial Officer11/1/20245/30/2025Sale of up to 12,900 shares of common stock in multiple

transactionsMichael Jesanis Director11/11/20245/16/2025Sale of up to 10,092 shares of common stock in multiple transactions(1)A trading plan may also expire on such earlier date that all transactions under the trading plan are completed.During the year ended DecemberÂ 31, 2024, none of our directors or executive officers terminated a Rule 10b5-1 trading plan or adopted or terminated a non-Rule 10b5-1 trading arrangement (as defined in Item 408(c) of Regulation S-K).ITEM 9C. DISCLOSURE REGARDING FOREIGN JURISDICTIONS THAT PREVENT INSPECTIONSNot applicable.124Table of ContentsPART IIINISOURCE INC.ITEMÂ 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCEExcept for the information required by this item with respect to our executive officers included at the end of Part I of this report on Form 10-K and the information with respect to our insider trading policy set forth below, the information required by this Item 10 is incorporated herein by reference to the discussion in "Proposal 1 Election of Directors," "Corporate Governance - Board Committee Composition," "Corporate Governance - Code of Business Conduct," and "Delinquent Section 16(a) Reports" of the Proxy Statement for the Annual Meeting of Stockholders to be held on MayÂ 12, 2025. Insider Trading PolicyThe Company has adopted an Insider Trading Policy, our "Securities Transaction Compliance Policy", governing the purchase, sale, and/or other dispositions of the Companyâ€™s securities by our directors and all employees, including officers as defined under Rule 16a-1(f) of the Securities Exchange Act of 1934 and certain designated employees as well as their immediate family and members of their households, that we believe is reasonably designed to promote compliance with insider trading laws, rules and regulations and the exchange listing standards applicable to us. A copy of our policy is filed as Exhibit 19.1 to this Annual Report on Form 10-K. ITEMÂ 11. EXECUTIVE COMPENSATIONThe information required by this Item 11 is incorporated herein by reference to the discussion in "Compensation and Human Capital Committee Interlocks and Insider Participation," "2024 Director Compensation," "2024 Executive Compensation," "Compensation Discussion and Analysis (CD&A)," "Assessment of Risk," "2024 Pay Versus Performance," and "Compensation and Human Capital Committee Report" of the Proxy Statement for the Annual Meeting of Stockholders to be held on MayÂ 12, 2025.ITEMÂ 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERSThe information required by this Item 12 is incorporated herein by reference to the discussion in "Security Ownership of Certain Beneficial Owners and Management," and "Equity Compensation Plan Information" of the Proxy Statement for the Annual Meeting of Stockholders to be held on MayÂ 12, 2025.ITEMÂ 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCEThe information required by this Item 13 is incorporated herein by reference to the discussion in "Corporate Governance - Policies and Procedures with Respect to Transactions with Related Persons" and "Corporate Governance - Director Independence" of the Proxy Statement for the Annual Meeting of Stockholders to be held on MayÂ 12, 2025.ITEMÂ 14. PRINCIPAL ACCOUNTING FEES AND SERVICESThe information required by this Item 14 is incorporated herein by reference to the discussion in "Independent Registered Public Accounting Firm Fees" of the Proxy Statement for the Annual Meeting of Stockholders to be held on MayÂ 12, 2025.125Table of ContentsPART IVNISOURCE INC.ITEMÂ 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULESFinancial Statements and Financial Statement SchedulesThe following financial statements and financial statement schedules filed as a part of the Annual Report on Form 10-K are included in ItemÂ 8, "Financial Statements and Supplementary Data."PageReport of Independent Registered Public Accounting Firm (PCAOB ID: 34)58Statements of Consolidated Income61Statements of Consolidated Comprehensive Income62Consolidated Balance Sheets63Statements of Consolidated Cash Flows65Statements of Consolidated Stockholdersâ€™ Equity66Notes to Consolidated Financial Statements68Schedule II121ExhibitsThe exhibits filed herewith as a part of this report on Form 10-K are listed on the Exhibit Index below. Each management contract or compensatory plan or arrangement of ours, listed on the Exhibit Index, is separately identified by an asterisk.Pursuant to ItemÂ 601(b), paragraph (4)(iii)(A)Â of Regulation S-K, certain instruments representing long-term debt of our subsidiaries have not been included as Exhibits because such debt does not exceed 10% of the total assets of ours and our subsidiaries on a consolidated basis. We agree to furnish a copy of any such instrument to the SEC upon request.EXHIBITNUMBERDESCRIPTION OF ITEM(1.1)Form of Equity Distribution Agreement (incorporated by reference to Exhibit 1.1 of the NiSource Inc. Form 8-K filed on February 22, 2024).(1.2)Form of Master Forward Sale Confirmation (incorporated by reference to Exhibit 1.2 of the NiSource Inc. Form 8-K filed on February 22, 2024).(2.1)Separation and Distribution Agreement, dated as of June 30, 2015, by and between NiSource Inc. and Columbia Pipeline Group, Inc. (incorporated by reference to Exhibit 2.1 to the NiSource Inc. Form 8-K filed on July 2, 2015).(3.1)Articles of Incorporation of NiSource Inc., as amended and restated through October 21, 2024 (incorporated by reference to Exhibit 3.3 to the NiSource Inc. Form 8-K filed on October 22, 2024).(3.2)Bylaws of NiSource Inc., as amended and restated through October 21, 2024 (incorporated by reference to Exhibit 3.4 to the NiSource Inc. Form 8-K filed on October 22, 2024).(3.3)Certificate of Designations of 6.50% Series B Fixed-Rate Reset Cumulative Redeemable Perpetual Preferred Stock (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-KÂ filed on December 6, 2018).(3.4)Certificate of Designations of Series B-1 Preferred Stock (incorporated by reference to Exhibit 3.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).(3.5)Certificate of Elimination of the Company with respect to the Series B Preferred Stock and Series B-1 Preferred Stock (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on March 18, 2024).(3.6)Certificate of Elimination of the Company with respect to the Series C Preferred Stock, dated October 21, 2024, issued by NiSource Inc. (incorporated by reference to Exhibit 3.1 of the NiSource Inc. Form 8-K filed on October 22, 2024).(3.7)Certificate of Elimination of the Company with respect to the Series A Junior Participating Preferred Stock, dated October 21, 2024, issued by NiSource Inc. (incorporated by reference to Exhibit 3.2 of the NiSource Inc. Form 8-K filed on October 22, 2024).(4.1)Indenture, dated as of March 1, 1988, by and between Northern Indiana Public Service Company ("NIPSCO") and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4 to the NIPSCO Registration Statement (Registration No. 33-44193)).126Table of Contents(4.2)First Supplemental Indenture, dated as of December 1, 1991, by and between Northern Indiana Public Service Company and Manufacturers Hanover Trust Company, as Trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Registration Statement (Registration No. 33-63870)).(4.3)Indenture Agreement, dated as of February 14, 1997, by and between NIPSCO Industries, Inc., NIPSCO Capital Markets, Inc. and Chase Manhattan Bank as trustee (incorporated by reference to Exhibit 4.1 to the NIPSCO Industries, Inc. Registration Statement (Registration No. 333-22347)).(4.4)Second Supplemental Indenture, dated as of November 1, 2000, by and among NiSource Capital Markets, Inc., NiSource Inc., New NiSource Inc., and The Chase Manhattan Bank, as trustee (incorporated by reference to Exhibit 4.45 to the NiSource Inc. Form 10-K for the period ended December 31, 2000).(4.5)Indenture, dated November 14, 2000, among NiSource Finance Corp., NiSource Inc., as guarantor, and The Chase Manhattan Bank, as Trustee (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form S-3, dated November 17, 2000 (Registration No. 333-49330)).(4.6)Form of 3.490% Notes due 2027 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on May 17, 2017).(4.7)Form of 4.375% Notes due 2047 (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on May 17, 2017).(4.8)Form of 3.950% Notes due 2048 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on September 8, 2017).(4.9)Second Supplemental Indenture, dated as of NovemberÂ 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to ExhibitÂ 4.4 to Post-Effective Amendment No.Â 1 to FormÂ S-3 filed NovemberÂ 30, 2017 (Registration No.Â 333-214360)).(4.10)Third Supplemental Indenture, dated as of NovemberÂ 30, 2017, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on December 1, 2017).(4.11)Second Supplemental Indenture, dated as of February 12, 2018, between Northern Indiana Public Service Company and The Bank of New York Mellon, solely as successor trustee under the Indenture dated as of March 1, 1988 between the Company and Manufacturers Hanover Trust Company, as original trustee. (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 10-Q filed on May 2, 2018).(4.12)Fourth Supplemental Indenture, dated as of December 18, 2023, between NiSource, Inc. and The Bank of New York Mellon, as trustee, relating to the 7.99% Medium-Term Notes due 2027 and the 6.78% Senior Notes due 2027 (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on December 18, 2023).(4.13)Subordinated Indenture, dated as of May 16, 2024, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.2 to the NiSource Form 8-K filed on May 16, 2024).(4.14)First Supplemental Indenture, dated as of May 16, 2024, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.3 to the NiSource Form 8-K filed on May 16, 2024). (4.15)Second Supplemental Indenture, dated as of September 09, 2024, between NiSource Inc. and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.2 to the NiSource Form 8-K filed on September 09, 2024).(4.16)Deposit Agreement, dated as of DecemberÂ 5, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depositary, and the holders from time to time of the depositary receipts described therein (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-KÂ filed on December 6, 2018).(4.17)Form of Depositary Receipt (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-KÂ filed on December 6, 2018).(4.18)Amended and Restated Deposit Agreement, dated as of DecemberÂ 27, 2018, among NiSource, Inc., Computershare Inc. and Computershare Trust Company, N.A., acting jointly as depositary, and the holders from time to time of the depositary receipts described therein (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).(4.19)Form of Depositary Receipt (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on December 27, 2018).127Table of Contents(4.20)Form of 2.950% Notes due 2029 (incorporated by reference toÂ Exhibit 4.1 to NiSource Inc. Form 8-KÂ filed on August 12, 2019).(4.21)Amended and Restated NiSource Inc. Employee Stock Purchase Plan (incorporated by reference to Exhibit C to the Registrantâ€™s Definitive Proxy Statement on Schedule 14A, filed with the Commission on AprilÂ 1, 2019).(4.22)Form of 3.600% Notes due 2030 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on April 8, 2020).(4.23)Form of 0.950% Notes due 2025 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on August 18, 2020). (4.24)Form of 1.700% Notes due 2031(incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on August 18, 2020).(4.25)Form of 5.000% Notes due 2052 (incorporated by reference to Exhibit 4.1 of the NiSource Inc. Form 8-K filed on June 10, 2022).(4.26)Form of 5.250% Notes due 2028 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on March 24, 2023).(4.27)Form of 5.400% Notes due 2033 (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on June 9, 2023).(4.28)Form of 5.350% Notes due 2034 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on March 14, 2024).(4.29)Form of 6.950% Fixed-to-Fixed Reset Rate Junior Subordinated Notes due 2054 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on May 16, 2024).(4.30)Form of 5.200% Notes due 2029 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on June 24, 2024).(4.31)Form of 6.375% Fixed-to-Fixed Reset Rate Junior Subordinated Notes due 2055 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on September 09, 2024).(4.32)Description of NiSource Inc.â€™s Securities Registered Under Section 12 of the Exchange Act.**(4.33)Form of 6.25% Notes due 2040 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on December 6, 2010).(4.34)Form of 5.95% Notes due 2041 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on June 10, 2011).(4.35)Form of 5.80% Notes due 2042 (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on November 17, 2011).(4.36)Form of 5.25% Notes due 2043 (incorporated by reference to Exhibit 4.2 to the NiSource Inc. Form 8-K filed on June 14, 2012).(4.37)Form of 4.80% Notes due 2044 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on April 12, 2013).(4.38)Form of 5.65% Notes due 2045 (incorporated by reference to Exhibit 4.1 to the NiSource Inc. Form 8-K filed on October 7, 2013). (10.1)2010 Omnibus Incentive Plan (incorporated by reference to Exhibit B to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 11, 2010, filed on April 2, 2010).*(10.2)First Amendment to the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.2 to the NiSource Inc. Form 10-K filed on February 18, 2014.)*(10.3)2010 Omnibus Incentive Plan (incorporated by reference to Exhibit C to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 12, 2015, filed on April 7, 2015).*(10.4)Second Amendment to the NiSource Inc. 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed October 23, 2015.)*128Table of Contents(10.5)Form of Amendment to Restricted Stock Unit Award Agreement related to Vested but Unpaid NiSource Restricted Stock Unit Awards for Nonemployee Directors of NiSource entered into as of July 13, 2015 (incorporated by reference to Exhibit 10.3 to the NiSource Inc. Form 10-Q filed on November 3, 2015).*(10.6)Supplemental Life Insurance Plan effective January 1, 1991, as amended, (incorporated by reference to Exhibit 2 to the NIPSCO Industries, Inc. Form 8-K filed on March 25, 1992).*(10.7)Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.1 to NiSource Inc. Form 10-Q filed on August 2, 2011).*(10.8)Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2010 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.18 to the NiSource Inc. Form 10-K filed on February 22, 2017). *(10.9)Amended and Restated NiSource Inc. Executive Deferred Compensation Plan effective November 1, 2012 (incorporated by reference to Exhibit 10.21 to the NiSource Inc. Form 10-K filed on February 19, 2013).*(10.10)Amended and Restated Executive Deferred Compensation Plan, dated August 12, 2024 (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 10-Q filed on October 30, 2024).*(10.11)Note Purchase Agreement, dated as of August 23, 2005, by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers named therein (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Current Report on Form 8-K filed on August 26, 2005).(10.12)Amendment No. 1, dated as of November 10, 2008, to the Note Purchase Agreement by and among NiSource Finance Corp., as issuer, NiSource Inc., as guarantor, and the purchasers whose names appear on the signature page thereto (incorporated by reference to Exhibit 10.30 to the NiSource Inc. Form 10-K filed on February 27, 2009).(10.13)Form of Change in Control and Termination Agreement (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 10-Q filed on August 2, 2017).*(10.14)Registration Rights Agreement, dated as of May 2, 2018, by and among NiSource Inc. and the purchasers named therein (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on May 2, 2018).(10.15)Amended and Restated NiSource Inc. Employee Stock Purchase Plan adopted as of February 1, 2019 (incorporated by reference toÂ Exhibit C to the NiSource Inc. Definitive Proxy StatementÂ to Stockholders for the Annual Meeting to be held on May 7, 2019, filed on April 1, 2019).(10.16)Amended and Restated NiSource Inc. Employee Stock Purchase Plan adopted as of January 25, 2024 (incorporated by reference to Appendix B to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting to be held on May 13, 2024, filed on April 1, 2024).(10.17)Form of Cash-Based Award Agreement (incorporated by reference to Exhibit 10.41 of the NiSource Form 10-K filed on February 28, 2020). * (10.18)2020 Omnibus Incentive Plan (incorporated by reference to Exhibit A to the NiSource Inc. Definitive Proxy Statement to Stockholders for the Annual Meeting held on May 19, 2020, filed on April 13, 2020).*(10.19)Form of Restricted Stock Unit Award Agreement for Nonemployee Directors under the 2020 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 10-Q filed on August 5, 2020).*(10.2)NiSource Inc. Supplemental Executive Retirement Plan, as amended and restated effective November 1, 2020 (incorporated by reference to Exhibit 10.4 to the NiSource Inc. Form 10-Q filed on November 2, 2020).* (10.21)Pension Restoration Plan for NiSource Inc. and Affiliates, as amended and restated effective November 1, 2020 (incorporated by reference to Exhibit 10.5 to the NiSource Inc. Form 10-Q filed on November 2, 2020).(10.22)Savings Restoration Plan for NiSource Inc. and Affiliates, as amended and restated effective November 1, 2020 (incorporated by reference to Exhibit 10.6 to the NiSource Inc. Form 10-Q filed on November 2, 2020).*(10.23)First Amendment to the Savings Restoration Plan for NiSource Inc. and Affiliates dated October 12, 2023 and effective November 1, 2020 (incorporated by reference to Exhibit 10.24 to the NiSource Inc. Form 10-K filed on February 21, 2024).*(10.24)NiSource Inc. Executive Severance Policy, as amended and restated effective October 19, 2020 (incorporated by reference to Exhibit 10.7 to the NiSource Inc. Form 10-Q filed on November 2, 2020).*129Table of Contents(10.25)NiSource Next Voluntary Separation Program, effective as of August 5, 2020 (incorporated by reference to Exhibit 10.8 to the NiSource Inc. Form 10-Q filed on November 2, 2020).*(10.26)Form of Restricted Stock Unit Award Agreement. (incorporated by reference to Exhibit 10.53 to the NiSource Inc. Form 10-K filed on February 17, 2021).*(10.27)Form of Performance Share Unit Award Agreement. (incorporated by reference to Exhibit 10.54 to the NiSource Inc. Form 10-K filed on February 17, 2021).*(10.28)Form of Special Performance Share Unit Award Agreement. (incorporated by reference to Exhibit 10.55 to the NiSource Inc. Form 10-K filed on February 17, 2021).*(10.29)Sixth Amended and Restated Revolving Credit Agreement, dated as of February 18, 2022, among NiSource Inc., as Borrower, the Lenders party thereto, Barclays Bank PLC, as Administrative Agent, JPMorgan Chase Bank, N.A. and MUFG Bank, Ltd., as Co-Syndication Agents, Credit Suisse AG, New York Branch, Wells Fargo Bank, National Association, and Bank of America, National Association, as Co-Documentation Agents, Barclays Bank PLC and MUFG Bank, Ltd., as Co-Sustainability Structuring Agents, and Barclays Bank PLC, JPMorgan Chase Bank, N.A. MUFG Bank, Ltd., Credit Suisse Loan Funding LLC, Wells Fargo Securities, LLC, and BofA Securities, Inc., as Joint Lead Arrangers and Joint Bookrunners (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on February 18, 2022).(10.3)Amendment No. 1 to the Sixth Amended and Restated Revolving Credit Agreement dated February 18, 2022, made as of August 23, 2023 by and among NiSource Inc., the financial institutions listed on the signature pages and Barclays Bank PLC, as administrative agent (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on August 23, 2023).(10.31)First Amendment to the NiSource Inc. 2020 Omnibus Incentive Plan (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 10-Q filed on May 4, 2022).(10.32)Credit Agreement, dated as of December 20, 2022, among NiSource Inc., as Borrower, the lenders party thereto, and JPMorgan Chase Bank, N.A., as Administrative Agent, PNC Capital Markets LLC, as Syndication Agent, Bank of America, N.A. and Wells Fargo Bank, N.A., as Co-Documentation Agents and JPMorgan Chase Bank, N.A., PNC Capital Markets LLC, Bank of America, N.A. and Wells Fargo Securities, LLC, as Joint Lead

Arrangers and Joint Bookrunners (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on December 20, 2022).(10.33)Amendment No. 1 to the Credit Agreement dated December 20, 2022, made as of October 5, 2023 by and among NiSource Inc., the financial institutions listed on the signature pages and JPMorgan Chase Bank, N.A., as administrative agent (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on October 5, 2023).(10.34)Credit Agreement, dated as of November 9, 2023, among NiSource Inc., as Borrower, the lenders party there to, and U.S. Bank National Association, as Administrative Agent, as Sole Lead Arranger and Bookrunner (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on November 9, 2023).(10.35)Augmenting Lender Supplement, dated December 6, 2023, by and among NiSource Inc., Mizuho Bank, LTD, Bank of Montreal. and U.S. Bank National Association (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on December 6, 2023).(10.36)Form of Restricted Stock Unit Award Agreement.(incorporated by reference to Exhibit 10.57 to the NiSource Inc. Form 10-K filed on February 22, 2023).* (10.37)Form of Performance Share Unit Award Agreement (incorporated by reference to Exhibit 10.58 to the NiSource Inc. Form 10-K filed on February 22, 2023).* (10.38)Form of Restricted Stock Unit Award Agreement. (incorporated by reference to Exhibit 10.59 to the NiSource Inc. Form 10-K filed on February 22, 2023).* (10.39)Form of Performance Share Unit Award Agreement. (incorporated by reference to Exhibit 10.60 to the NiSource Inc. Form 10-K filed on February 22, 2023).* (10.40)Purchase and Sale Agreement, dated as of June 17, 2023, among NiSource Inc., as the Parent, NIPSCO Holdings II LLC, as the Company, and BIP BLUE BUYER L.L.C., as the Investor (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on June 20, 2023).(10.41)Amendment No. 1 to the Purchase and Sale Agreement, dated as of July 6, 2023, among NiSource Inc., as the Parent, NIPSCO Holdings II LLC, as the Company, and BIP BLUE BUYER L.L.C., as the Investor (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 10-Q filed on August 2, 2023).****130Table of Contents(10.42)Amended and Restated Limited Liability Company Agreement of NIPSCO Holdings II LLC, dated December 31, 2023 (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on January 2, 2024).****(10.43)Second Amended and Restated Limited Liability Company Agreement of NIPSCO Holdings II LLC, dated January 30, 2024 (incorporated by reference to Exhibit 10.44 to the NiSource Inc. Form 10-K filed on February 21, 2024).*(10.44)Form of 2024 CEO RSU Award Agreement (incorporated by reference to Exhibit 10.1 of the NiSource Inc. Form 8-K filed on January 26, 2024).*(10.45)Form of 2024 CEO PSU Award Agreement (incorporated by reference to Exhibit 10.2 of the NiSource Inc. Form 8-K filed on January 26, 2024).* (10.46)Form of RSU Award Agreement (for awards on or after 2024) (incorporated by reference to Exhibit 10.3 of the NiSource Inc. Form 8-K filed on January 26, 2024).*(10.47)Form of PSU Award Agreement (for awards on or after 2024) (incorporated by reference to Exhibit 10.48 to the NiSource Inc. Form 10-K filed on February 22, 2023).****(10.48)Separation Agreement dated March 15, 2024, between NiSource Inc. and Donald Brown (incorporated by reference to Exhibit 10.1 to the NiSource Inc. Form 8-K filed on March 15, 2024).(19.1)Securities Transaction Compliance Policy**(21)List of Subsidiaries.**(23)Consent of Deloitte & Touche LLP.**(31.1)Certification of Chief Executive Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.**(31.2)Certification of Chief Financial Officer, pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.** (32.1)Certification of Chief Executive Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith).**(32.2)Certification of Chief Financial Officer, pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (furnished herewith).**(97.1)NiSource Inc. Compensation Recoupment Policy.**(101.INS)Inline XBRL Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document. **(101.SCH)Inline XBRL Schema Document.**(101.CAL)Inline XBRL Calculation Linkbase Document.**(101.LAB)Inline XBRL Labels Linkbase Document.**(101.PRE)Inline XBRL Presentation Linkbase Document.**(101.DEF)Inline XBRL Definition Linkbase Document.**(104)Cover page Interactive Data File (formatted as inline XBRL, and contained in Exhibit 101.)*Management contract or compensatory plan or arrangement of NiSource Inc.**Exhibit filed herewith.***Schedules and exhibits have been omitted pursuant to Item 601(b)(2) of Regulation S-K. NiSource agrees to furnish supplementally a copy of any omitted schedules or exhibits to the SEC upon request.****Schedules and similar attachments to this Exhibit have been omitted pursuant to Item 601(a)(5) of Regulation S-K. The Company agrees to furnish supplementally a copy of any omitted schedule or exhibit to the U.S. Securities and Exchange Commission (the â€œSECâ€) upon request.References made to NIPSCO filings can be found at Commission File Number 001-04125. References made to NiSource Inc. filings made prior to NovemberÂ 1, 2000 can be found at Commission File Number 001-09779.131Table of Contents132Table of ContentsITEMÂ 16. FORM 10-K SUMMARYNone.133Table of ContentsSIGNATURESPursuant to the requirements of SectionÂ 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.Â NiSource Inc.(Registrant)Date:Â Â Â

purchases and sales by the person engaging in the transaction or by any member of his immediate family (or by a family trust, a controlled corporation, or a partnership of which the person is general partner) within the last or next six months?b.Â Â Â Â Rule 10b-5 - Does the person engaging in the transaction have any material nonpublic information about the Company, or are there other circumstances that might suggest that this is an inappropriate time to trade?c.Â Â Â Â Rule 144 - Has the person engaging in a sale transaction complied with Rule 144?d.Are there any other reasons a transaction should not occur now?Directors and Section 16 Officers who avail themselves of a Rule 10b5-1 plan described in paragraph 8 below will no longer need to pre-clear transactions for approval for purposes of Rule 10b-5. However, since Rule 10b5-1 does not create an exemption for purposes of Section 16, the Filing Coordinator must be notified promptly after such transaction, and the broker or other person executing the transaction must timely transmit a Form 144 notice.Â Â Â Â 3Â Â Â Â Exhibit 19.14. Â Â Â Â Trading Blackout Period. Directors, Section 16 Officers and Designated Employees are prohibited from transacting in Company securities during the period beginning two weeks before the end of a calendar quarter (or, in the case of the fourth quarter, four weeks before the end of the calendar quarter) and ending on the second day after the public release of results for that quarter. This black-out period does not apply to purchases made through regular payroll deduction in the Employee Stock Purchase Plan or the 401(k) Plan or reinvestment of dividends through the Automatic Dividend Reinvestment and Share Purchase Plan, as long as elections made with respect to participation in these plans are not made during a black-out period. The black-out periods also do not apply to in-kind distributions of Company Common Stock from the Employee Stock Purchase Plan and the Automatic Dividend Reinvestment and Share Purchase Plan, except as a result of a discretionary transaction described in paragraph 3 above. Transactions include not only purchases and sales of securities or derivative securities, but gifts, donations or other transfers for charitable, tax, estate planning or other purposes. From time to time, an event may occur that is material to the Company and is known by only a few directors, Section 16 Officers and/or employees. So long as the event remains material and nonpublic, the persons designated by the GC or designee may not trade Company securities. In addition, the Companyâ€™s financial results may be sufficiently material in a particular fiscal quarter that, in the judgment of the GC or designee, designated persons should refrain from trading in Company securities even sooner than the typical blackout period described above. In that situation, the GC or designee may notify these persons that they should not trade in the Companyâ€™s securities, without disclosing the reason for the restriction. The existence of an event-specific trading restriction period or extension of a blackout period will not be announced to the Company as a whole, and should not be communicated to any other person. Even if the GC or designee has not designated an employee as a person who should not trade due to an event-specific restriction, an employee should not trade while aware of material nonpublic information. Exceptions will generally not be granted during an event-specific trading restriction period.5. Â Â Â Â Recommended Transaction Period. To the extent possible, directors, Section 16 Officers and Designated Employees should, outside of transactions under certain of the Companyâ€™s benefit plans, engage in transactions in the Companyâ€™s securities only when there is relative stability in the market for the Companyâ€™s securities and during the 30-day period following the public release of annual or quarterly results. However, even within those periods, no transaction should be entered into in violation of the prohibition under Rule 10b-5 against the use of material nonpublic information, and all transactinos should be carried out in compliance with federal securities laws. 6.Â Â Â Â Prohibited Transactions. No director or employee may engage in a â€œshort saleâ€ of the Companyâ€™s securities or buy or sell puts or calls or other options on the Companyâ€™s securities. A â€œshort saleâ€ is one involving securities which the seller does not own at the time of sale, or, if owned, are not delivered within 20 days after the sale or deposited in the mail or other usual channels of transportation within five days after the sale. In addition, no director, Section 16 Officer or employee may engage in purchases of the Companyâ€™s securities on margin, or holding the securities in a margin account, borrowing Â Â Â Â 4Â Â Â Â Exhibit 19.1against any account in which the securities are held or otherwise pledging securities as collateral for a loan.Also, Section 16(b) imposes liability on directors and Section 16 Officers who trade securities of the Company within a period shorter than 6 months (referred to as short swing profit liability). Any â€œprofitsâ€ realized by the purchase and sale or the sale and a purchase of any security of the Company beneficially owned by a director or Section 16 Officer within a period of less than six months are recoverable by the Company. If the Company does not bring an action to recover these profits, any stockholder acting on the Companyâ€™s behalf may do so.7.Â Â Â Â Reporting Forms. Every director and Section 16 Officer must file the following reports:a.Â Â Â Â An initial report on Form 3 disclosing holdings of the Companyâ€™s securities as of the date a person becomes a director or Section 16 Officer must be filed with the SEC within ten days of attaining director or Section 16 Officer status.b.Â Â Â Â Subsequent reports on Form 4 disclosing any change in beneficial ownership of the Companyâ€™s securities (except for transactions covered by specific exemptions) must be filed with the SEC before the end of the second business day following the day on which the subject transaction has been executed; andc.Â Â Â Â Annual Reports on Form 5 disclosing any holding or transaction not previously disclosed because of either an exemption or a failure to file must be filed with the SEC by February 14 of each year.8.Â Â Â Â Trading Plans for Trading Securities under Rule 10b5-1. Rule 10b5-1 provides an affirmative defense to liability for insider trading. When a director, Section 16 Officer or Designated Employee, at a time when he or she does not possess material nonpublic information, enters into a binding contract, instruction, or written plan under specified terms and conditions for the purchase or sale of securities (â€œPlanâ€), the director, Section 16 Officer or Designated Employee is afforded an affirmative defense against a later claim, if the purchase or sale occurs pursuant to the Plan. The Plan must either (i) expressly specify the amount, price and date of trades, (ii) include a written formula or algorithm, or computer program, for determining amounts, prices and dates, or (iii) not permit the person to exercise any subsequent influence over how, when, or whether to effect purchases or sales; provided, in addition, that any other person who does exercise such influence is not aware of any material nonpublic information when doing so. A plan must include a representation certifying that, at the time the Plan is adopted, (i) the director, Section 16 Officer or Designated Employee is not in possession of any material non-public information about the Company or its securities and ii) the Plan is being adopted in good faith and not as a part of a plan or scheme to evade the prohibitions of Rule 10b-5. A director, Section 16 Officer or Designated Employee is also required to act in good faith throughout the duration of the Plan. Purchases and sales made pursuant to such a Plan are not subject to the blackout period described above, provided that:-For Designated Employees, no purchases or sales may occur until 30 days after the adoption of the Plan. Any modification to the price, amount of Â Â Â Â 5Â Â Â Â Exhibit 19.1securities or timing of the sale or purchase of the securities under a Plan will be deemed the termination of the original Plan and adoption of a new Plan, triggering a new 30-day cooling-off period.-For directors or Section 16 Officers, the first proposed sale under a Plan must meet the below requirements. Any modification to the price, amount of securities or timing of the sale or purchase of the securities under a Plan will be deemed the termination of the original Plan and adoption of a new Plan, triggering a new cooling-off period, as described below.oWith respect to Plans implemented during the first, second or third quarter of a calendar year, the first sale under a Plan may not occur until the expiration of a cooling-off period consisting of the later of (i) 90 days after the adoption of the Plan and (ii) two business days following the public release of the Companyâ€™s quarterly financial information on Form 10-Q with respect to the quarter in which the Plan was adopted or modified.With respect to Plans implemented during the fourth quarter of a calendar year, the first sale under a Plan may not occur until the expiration of a cooling-off period consisting of the later of (i) 90 days after the adoption of the Plan and (ii) two business days following the public release of the Companyâ€™s fourth quarter and year-end financial information on Form 10-K.A director, Section 16 Officer or Designated Employee may only have one Plan outstanding at a time, unless the overlapping Plan is (i) a successor Plan under which trades do not begin until the completion or expiration of the preceding Plan or (ii) an arrangement that authorizes the sale of only enough securities to cover tax withholding associated with vesting of equity awards and the director, Section 16 Officer or Designated Employee has no discretion over the timing of such sales. A director, Section 16 Officer or Designated Employee may not enter into more than one single-trade Plan in a consecutive 12-month period. A purchase or sale under Rule 10b5-1 is not protected from liability if the insider alters or deviates from the contract, instruction or plan, or enters into or alters a corresponding or hedging transaction or position with respect to those securities. Â Â Â Â All directors, Section 16 Officers or Designated Employees must obtain pre-clearance of any Plan from the GC or designee and file a copy of such Plan with the Corporate Secretary. A Plan must still comply with all other applicable disclosure, reporting and other requirements under federal and stat securities laws, including Section and Rule 144.9.Â Â Â Â Confidentiality. Directors and employees must maintain nonpublic information about the Company in strict confidence, must not communicate such information to any person, and should refer any questions to the GCâ€™s office. 10.Â Â Â Â Post-Termination Transactions. This policy continues to apply to transactions in Company securities even after termination of service to the Company. If an individual is in possession of material nonpublic information when his or her service terminates, that Â Â Â Â 6Â Â Â Â Exhibit 19.1individual may not trade in Company securities until that information has become public or is no longer material.Â Â Â Â The pre-clearance procedures specified below, however, will cease to apply to transactions in Company securities upon the expiration of any black-out period or other Company-imposed trading restructions applicable at the time of the termination of service. 11.Â Â Â Â Completion and Filing of Forms 3, 4 and 5. All Forms 3, 4 and 5 for the Companyâ€™s directors and Section 16 Officers will be prepared and filed by the Filing Coordinator. The Filing Coordinator must be advised of changes in security ownership prior to the execution of a transaction. The Filing Coordinator will send you completed Forms 3, 4 or 5, for review and execution, if time permits, or will sign the completed form on your behalf, in accordance with the authority granted by you in a power of attorney. You must return the executed form to the Filing Coordinator immediately so that the Filing Coordinator can meet the filing deadline with the SEC. The Filing Coordinator will automatically prepare a Form 5 each year to report any transactions not previously reported, including exempt transactions under the Companyâ€™s benefit plans. If you are not required to file a Form 5 in a given year, the directorsâ€™ and officersâ€™ questionnaire you execute in connection with the Companyâ€™s Form 10-K and proxy statement will contain a representation that you have no obligation to file a Form 5. The Filing Coordinatorâ€™s office will retain a signed copy of each Form 3, 4 and 5 (or directorsâ€™ and officersâ€™ questionnaire in lieu thereof) in its files.12.Â Â Â Â Cooperation with the Company. Please recognize that enforcement of these securities laws can result in individual penalties. The Company has adopted this compliance policy to assist its directors and all employees in complying with these laws, but ultimately each director and Section 16 Officer is responsible for making sure that all Forms 3, 4 and 5 and Form 144 notice filings are made in a correct and timely fashion and that all transactions comply with applicable short-swing and insider trading rules. Please report all anticipated transactions involving the Companyâ€™s securities to the GC or designee as early as possible in order to facilitate your compliance.13. Â Â Â Â Exemptions from this policy. The Companyâ€™s GC has the authority to grant exemptions or exceptions from this policy. Exemptions or exceptions will generally not be granted.14. Â Â Â Â Consequences of Violation. The consequences of violating Rule 10b-5 can be very serious to a director, an individual employee and the Company and include possible civil and criminal penalties. The consequences of violating the requirements for directors and Section 16 Officers could include public disclosure of all reporting violations in the Companyâ€™s proxy statement and Annual Report on Form 10-K. Employees who violate this policy shall also be subject to disciplinary action by the Company, which may include ineligibility for future participation in the Companyâ€™s equity incentive plans or termination of employment.Â Â Â Â 7Â Â Â Â Exhibit 19.1Exhibit A â€” Designated Employees(as may be amended from time to time by the Companyâ€™s General Counsel or Corporate Secretary department)Administrative Staff of Section 16 Officers and Executive CouncilAssistant Controllerâ€™s OfficeControllerâ€™s OfficeCorporate Communications Department (Certain Employees)Corporate Planning DepartmentCorporate Secretary (Certain Employees)Executive Council Members Human Resources (Certain Employees)Investor RelationsLegal Department (Certain Employees)Segment Controllers and Financial PlanningTax Administration (Certain Employees)Treasury Department (Certain Employees)Â Â Â Â

financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;c.Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; andd.Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting; and5.The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions):a.All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; andb.Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting.Â Date: FebruaryÂ 12, 2025By:/s/ Shawn AndersonShawn AndersonÂ Executive Vice President and Chief Financial Officer EX-32.1 8 ni-ex321x20241231.htm EX-32.1 DocumentExhibit 32.1Certification Pursuant toSectionÂ 906 of the Sarbanes-Oxley Act of 2002In connection with the Annual Report of NiSource Inc. (the â€œCompanyâ€) on Form 10-K for the year ending DecemberÂ 31, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), I, Lloyd M. Yates, Chief Executive Officer of the Company, certify, pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, that:Â (1)The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2)The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company./s/ Lloyd M. YatesLloyd M. YatesPresident and Chief Executive OfficerDate:Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â FebruaryÂ 12, 2025 EX-32.2 9 ni-ex322x20241231.htm EX-32.2 DocumentExhibit 32.2Certification Pursuant toSectionÂ 906 of the Sarbanes-Oxley Act of 2002In connection with the Annual Report of NiSource Inc. (the â€œCompanyâ€) on Form 10-K for the year ending DecemberÂ 31, 2024 as filed with the Securities and Exchange Commission on the date hereof (the â€œReportâ€), I, Shawn Anderson, Executive Vice President and Chief Financial Officer of the Company, certify, pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, that:Â (1)The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2)The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company./s/ Shawn AndersonShawn AndersonExecutive Vice President and Chief Financial OfficerDate:Â Â Â Â Â Â Â Â Â Â Â Â FebruaryÂ 12, 2025 EX-97.1 10 ni-ex971x20241231.htm EX-97.1 DocumentExhibit 97.1NISOURCE INC.COMPENSATION RECOUPMENT POLICYIn the event of any required accounting restatement of the financial statements of NiSource Inc. (the â€œCompanyâ€) due to the material noncompliance of the Company with any financial reporting requirement under the applicable U.S. federal securities laws, including any required accounting restatement to correct an error in previously issued financial statements that is material to the previously issued financial statements, or that would result in a material misstatement if the error were corrected in the current period or left uncorrected in the current period (a â€œRestatementâ€), the Company shall recover reasonably promptly from any person, who is or was an â€œExecutive Officer,â€ as such term is defined in Rule 10D-1 adopted under the Securities Exchange Act of 1934, as amended (the â€œExchange Actâ€) and Section 303A.14 of the NYSEâ€™s listing standards, of the Company (each, a â€œCovered Personâ€) the amount of any â€œErroneously Awarded Incentive-Based Compensationâ€ (as defined below). This Policy shall be effective as of October 2, 2023, the effective date of Section 303A.14 of the NYSEâ€™s listing standards (the â€œEffective Dateâ€).The amount of Incentive-Based Compensation (as defined below) that must be recovered from a Covered Person pursuant to the immediately preceding paragraph is the amount of â€œRecoverable Incentive-Based Compensationâ€ (as defined below) received by a Covered Person that exceeds the amount of Recoverable Incentive-Based Compensation that otherwise would have been received had it been determined based on the restated amounts, computed without regard to any taxes paid (referred to as the â€œErroneously Awarded Incentive-Based Compensationâ€). For Recoverable Incentive-Based Compensation based on stock price or total shareholder return, where the amount of Erroneously Awarded Incentive-Based Compensation is not subject to mathematical recalculation directly from the information in a Restatement, the amount must be based on a reasonable estimate of the effect of the Restatement on the stock price or total shareholder return, as applicable, upon which the Recoverable Incentive-Based Compensation was received, and the Company must maintain documentation of that reasonable estimate and provide such documentation to the New York Stock Exchange (the â€œNYSEâ€). For the purposes of this Policy, Recoverable Incentive-Based Compensation will be deemed to be received in the fiscal period during which the financial reporting measure specified in the applicable Incentive-Based Compensation award is attained, even if the payment or grant occurs after the end of that period. The Compensation and Human Capital Committee (the "Committee") (if composed entirely of independent directors, or in the absence of such a committee, a majority of independent directors serving on the Board), shall determine the amount of Erroneously Awarded Incentive Based-Compensation.For purposes of this Policy, â€œIncentive-Based Compensationâ€ means any compensation that is granted, earned or vested based wholly or in part upon the attainment of a â€œfinancial reporting measure,â€ which means a measure that is determined and presented in accordance with Generally Accepted Accounting Principles which are used in preparing the Companyâ€™s financial statements, and any measure that is derived wholly or in part from such measures. Stock price and total shareholder return are also financial reporting measures for this purpose. For avoidance of doubt, a financial reporting measure need not be presented within the Companyâ€™s financial statements or included in a filing with the Securities and Exchange Commission. For purposes of this Policy, â€œRecoverable Incentive-Based Compensationâ€ means all Incentive-Based Compensation received on or after the Effective Date of this Policy set forth above by a Covered Person: (i) after beginning service as an executive officer; (ii) who served as an Executive Officer at any time during the performance period for the Incentive-Based Compensation; (iii) while the Company has a class of securities listed on a national securities exchange or a national securities association; and (iv) during the three completed fiscal years immediately preceding the date that the Company is required to prepare a Restatement, including 1any applicable transition period that results from a change in the Companyâ€™s fiscal year within or immediately following those three completed fiscal years. For this purpose, the Company is deemed to be required to prepare a Restatement on the earlier of: (i) the date the Board of Directors of the Company (the â€œBoardâ€), or the Companyâ€™s officers authorized to take such action if Board action is not required, concludes, or reasonably should have concluded, that the Company is required to prepare a Restatement; and (ii) the date a court, regulator or other legally authorized body directs the Company to prepare a Restatement. The Companyâ€™s obligation to recover Erroneously Awarded Incentive-Based Compensation is not dependent on if or when the restated financial statements are filed with the Securities and Exchange Commission. The Company shall recover the Erroneously Awarded Incentive-Based Compensation from Covered Persons unless the Compensation and Human Capital Committee of the Board of Directors (if composed entirely of independent directors, or in the absence of such a committee, a majority of independent directors serving on the Board) determines that recovery is impracticable because: (i) the direct expense to a third party to assist in enforcing this Policy would exceed the amount of Erroneously Awarded Incentive-Based Compensation; provided that, the Company must make a reasonable attempt to recover the Erroneously Awarded Incentive-Based Compensation before concluding that recovery is impracticable, document such reasonable attempt to recover the Erroneously Awarded Incentive- Based Compensation and provide such documentation to the NYSE; or (ii) recovery would likely cause an otherwise tax-qualified retirement plan, under which benefits are broadly available to employees of the Company, to fail to meet the applicable requirements of 26 U.S.C. 401(a)(13) or 26 U.S.C. 411(a) and regulations thereunder. In no event will the Company indemnify any Covered Person for any amounts that are recovered under this Policy, including any payment or reimbursement for the cost of third-party insurance purchased by any Covered Person to fund potential clawback obligations under this Policy. This Policy is in addition to (and not in lieu of) any right of repayment, forfeiture or right of offset against any employees that is required pursuant to any statutory repayment requirement (regardless of whether implemented at any time prior to or following the adoption or amendment of this Policy), including Section 304 of the Sarbanes-Oxley Act of 2002. Any amounts paid to the Company pursuant to Section 304 of the Sarbanes-Oxley Act of 2002 shall be considered in determining any amounts recovered under this Policy. The application and enforcement of this Policy does not preclude the Company from taking any other action to enforce a Covered Personâ€™s obligations to the Company, including termination of employment or institution of legal proceedings. Nothing in this Policy restricts the Company from seeking recoupment under any other compensation recoupment Policy or any applicable provisions in plans, agreements, awards or other arrangements that contemplate the recoupment of compensation from a Covered Person. If a Covered Person fails to repay Erroneously Awarded Incentive-Based Compensation that is owed to the Company under this Policy, the Company shall take all appropriate action to recover such Erroneously Awarded Incentive-Based Compensation from the Covered Person, and the Covered Person shall be required to reimburse the Company for all expenses (including legal expenses) incurred by the Company in recovering such Erroneously Awarded Incentive-Based Compensation. The terms of this Policy shall be binding and enforceable against all Covered Persons subject to this Policy and their beneficiaries, heirs, executors, administrators or other legal representatives. If any provision of this Policy or the application of such provision to any Covered Person shall be adjudicated to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Policy, and the invalid, illegal or unenforceable provisions shall be deemed amended to the minimum extent necessary to render any such provision (or the application of such provision) valid, legal or enforceable. Each Covered Person shall sign and return to the Company, within 30 calendar days following the later of (i) the Effective Date of this Policy first set forth above or (ii) the date the individual becomes a Covered Person, the Acknowledgement Form attached hereto as Exhibit A, pursuant 2to which the Covered Person agrees to be bound by, and to comply with, the terms and conditions of this Policy. Notwithstanding, Covered Persons who are no longer employed with the Company at the time this Policy is implemented will be provided a copy of this Policy for their information and will not be required to sign and return an Acknowledgment Form.This Policy shall be interpreted in a manner that is consistent with Rule 10D-1 under the Exchange Act, Section 303A.14 of the NYSE Listed Company Manual and any related rules or regulations adopted by the Securities and Exchange Commission or the NYSE (the â€œApplicable Rulesâ€) as well as any other applicable law. To the extent the Applicable Rules require recovery of incentive-based compensation in additional circumstances beyond those specified above, nothing in this Policy shall be deemed to limit or restrict the right or obligation of the Company to recover incentive-based compensation to the fullest extent required by the Applicable Rules.This Policy shall be administered by the Committee, and any determinations made by the Committee shall be final, conclusive and binding on all persons, including the Company. The Committee is authorized to interpret and construe this Policy and to make all determinations necessary, appropriate or advisable for the administration of this Policy and for the Companyâ€™s compliance with NYSE Rules, Section 10D, Rule 10D-1 and any other applicable law, regulation, rule or interpretation of the SEC or NYSE promulgated or issued in connection therewith. The Committee may amend this Policy from time to time as it deems necessary. The Committee shall determine, in its sole discretion, the timing and method for reasonably promptly recouping Erroneously Awarded Incentive-Based Compensation, which may include without limitation a) seeking reimbursement of all or part of any cash or equity-based award, b) cancelling prior cash or equity-based awards, whether vested or unvested or paid or unpaid, c) cancelling or offsetting against any planned future cash or equity-based awards, d) forfeiture of deferred compensation, subject to compliance with Section 409A of the Internal Revenue Code and the regulations promulgated thereunder, e) any other method authorized by applicable law or contract. Subject to compliance with any applicable law, the Committee may affect recovery under this Policy from any amount otherwise payable to the Covered Person, including amounts payable to such individual under any otherwise applicable Company plan or program, including base salary, bonuses or commissions and compensation previously deferred. Any members of the Committee, or members of the Board who assist in the administration of this Policy, shall not be personally liable for any action, determination or interpretation made with respect to this Policy and shall be fully indemnified by the Company to the fullest extent under applicable law and Company policy with respect to any such action, determination or interpretation.3EXHIBIT ANiSource Inc.COMPENSATION RECOUPMENT POLICYACKNOWLEDGEMENT FORMBy signing below, the undersigned acknowledges and confirms that the undersigned has received and reviewed a copy of the NiSource Inc. (the â€œCompanyâ€) Compensation Recoupment Policy (the â€œPolicyâ€). By signing this Acknowledgement Form, the undersigned acknowledges and agrees that the undersigned is and will continue to be subject to the Policy and that the Policy will apply both during and after the undersignedâ€™s employment with the Company. Further, by signing below, the undersigned agrees to abide by the terms of the Policy, including, without limitation, by returning any Erroneously Awarded Incentive-Based Compensation (as defined in the Policy) to the Company to the extent required by, and in a manner consistent with, the Policy.Â COVERED PERSON_________________________________Â Â Â Â Signature_________________________________Print Name_________________________________Date4 EX-101.SCH 11 nix-20241231.xsd XBRL TAXONOMY EXTENSION SCHEMA DOCUMENT 0000001 - Document - Document And Entity Information link:presentationLink link:calculationLink link:definitionLink 0000002 - Document - Audit Information link:presentationLink link:calculationLink link:definitionLink 9952151 - Statement - Statements Of Consolidated Income (Loss) link:presentationLink link:calculationLink link:definitionLink 9952152 - Statement - Statements of Consolidated Comprehensive Income (Loss) link:presentationLink link:calculationLink link:definitionLink 9952153 - Statement - Statements of Consolidated Comprehensive Income (Loss) (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952154 - Statement - Consolidated Balance Sheets link:presentationLink link:calculationLink link:definitionLink 9952155 - Statement - Consolidated Balance Sheets (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952156 - Statement - Statements Of Consolidated Cash Flows link:presentationLink link:calculationLink link:definitionLink 9952157 - Statement - Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation) link:presentationLink link:calculationLink link:definitionLink 9952158 - Statement - Statements Of Consolidated Stockholders' Equity link:presentationLink link:calculationLink link:definitionLink 9952159 - Statement - Statements Of Consolidated Stockholders' Equity (Shares) link:presentationLink link:calculationLink link:definitionLink 9952160 - Statement - Statements of Consolidated Stockholders' Equity (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 9952161 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies link:presentationLink link:calculationLink link:definitionLink 9952162 - Disclosure - Recent Accounting Pronouncements link:presentationLink link:calculationLink link:definitionLink 9952163 - Disclosure - Revenue Recognition link:presentationLink link:calculationLink link:definitionLink 9952164 - Disclosure - Variable Interest Entities link:presentationLink link:calculationLink link:definitionLink 9952165 - Disclosure - Earnings Per Share link:presentationLink link:calculationLink link:definitionLink 9952166 - Disclosure - Equity link:presentationLink link:calculationLink link:definitionLink 9952167 - Disclosure - Short-Term Borrowings link:presentationLink link:calculationLink link:definitionLink 9952168 - Disclosure - Long-Term Debt link:presentationLink link:calculationLink link:definitionLink 9952169 - Disclosure - Property, Plant And Equipment link:presentationLink link:calculationLink link:definitionLink 9952170 - Disclosure - Goodwill and Other Intangible Assets link:presentationLink link:calculationLink link:definitionLink 9952171 - Disclosure - Asset Retirement Obligations link:presentationLink link:calculationLink link:definitionLink 9952172 - Disclosure - Regulatory Matters link:presentationLink link:calculationLink link:definitionLink 9952173 - Disclosure - Risk Management Activities link:presentationLink link:calculationLink link:definitionLink 9952174 - Disclosure - Fair Value link:presentationLink link:calculationLink link:definitionLink 9952175 - Disclosure - Income Taxes link:presentationLink link:calculationLink link:definitionLink 9952176 - Disclosure - Pension and Other Postretirement Benefits link:presentationLink link:calculationLink link:definitionLink 9952177 - Disclosure - Share-Based Compensation link:presentationLink link:calculationLink link:definitionLink 9952178 - Disclosure - Leases link:presentationLink link:calculationLink link:definitionLink 9952179 - Disclosure - Other Commitments And Contingencies link:presentationLink link:calculationLink link:definitionLink 9952180 - Disclosure - Accumulated Other Comprehensive Loss link:presentationLink link:calculationLink link:definitionLink 9952181 - Disclosure - Business Segment Information link:presentationLink link:calculationLink link:definitionLink 9952182 - Disclosure - Other, Net link:presentationLink link:calculationLink link:definitionLink 9952183 - Disclosure - Interest Expense, Net link:presentationLink link:calculationLink link:definitionLink 9952184 - Disclosure - Supplemental Cash Flow Information link:presentationLink link:calculationLink link:definitionLink 9955511 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Policy) link:presentationLink link:calculationLink link:definitionLink 9955512 - Disclosure - Accounting Policies (Tables) link:presentationLink link:calculationLink link:definitionLink 9955513 - Disclosure - Revenue Recognition (Tables) link:presentationLink link:calculationLink link:definitionLink 9955514 - Disclosure - Variable Interest Entities (Tables) link:presentationLink link:calculationLink link:definitionLink 9955515 - Disclosure - Earnings Per Share (Tables) link:presentationLink link:calculationLink link:definitionLink 9955516 - Disclosure - Equity (Tables) link:presentationLink link:calculationLink link:definitionLink 9955517 - Disclosure - Short-Term Borrowings (Tables) link:presentationLink link:calculationLink link:definitionLink 9955518 - Disclosure - Long-Term Debt (Tables) link:presentationLink link:calculationLink link:definitionLink 9955519 - Disclosure - Property, Plant And Equipment (Tables) link:presentationLink link:calculationLink

link:definitionLink 9955520 - Disclosure - Asset Retirement Obligations (Tables) link:presentationLink link:calculationLink link:definitionLink 9955521 - Disclosure - Regulatory Matters (Tables) link:presentationLink link:calculationLink link:definitionLink 9955522 - Disclosure - Risk Management Activities (Tables) link:presentationLink link:calculationLink link:definitionLink 9955523 - Disclosure - Fair Value (Tables) link:presentationLink link:calculationLink link:definitionLink 9955524 - Disclosure - Income Taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 9955525 - Disclosure - Pension and Other Postretirement Benefits (Tables) link:presentationLink link:calculationLink link:definitionLink 9955526 - Disclosure - Share-Based Compensation (Tables) link:presentationLink link:calculationLink link:definitionLink 9955527 - Disclosure - Leases (Tables) link:presentationLink link:calculationLink link:definitionLink 9955528 - Disclosure - Other Commitments And Contingencies (Tables) link:presentationLink link:calculationLink link:definitionLink 9955529 - Disclosure - Accumulated Other Comprehensive Loss (Tables) link:presentationLink link:calculationLink link:definitionLink 9955530 - Disclosure - Business Segment Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9955531 - Disclosure - Other, Net (Tables) link:presentationLink link:calculationLink link:definitionLink 9955532 - Disclosure - Interest Expense, Net (Tables) link:presentationLink link:calculationLink link:definitionLink 9955533 - Disclosure - Supplemental Cash Flow Information (Tables) link:presentationLink link:calculationLink link:definitionLink 9955534 - Disclosure - Valuation and Qualifying Accounts (Tables) link:presentationLink link:calculationLink link:definitionLink 9955535 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955536 - Disclosure - Recent Accounting Pronouncements (Details) link:presentationLink link:calculationLink link:definitionLink 9955537 - Disclosure - Recently Adopted Pronouncements (Details) link:presentationLink link:calculationLink link:definitionLink 9955538 - Disclosure - Revenue Recognition (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955539 - Disclosure - Revenue Recognition (Disaggregation of Revenue) (Details) link:presentationLink link:calculationLink link:definitionLink 9955540 - Disclosure - Revenue Recognition (Customer Accounts Receivable) (Details) link:presentationLink link:calculationLink link:definitionLink 9955541 - Disclosure - Revenue Recognition (Allowance for Credit Losses) (Details) link:presentationLink link:calculationLink link:definitionLink 9955542 - Disclosure - Variable Interest Entities (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955543 - Disclosure - Variable Interest Entities (Schedule of Noncontrolling Interest) (Details) link:presentationLink link:calculationLink link:definitionLink 9955544 - Disclosure - Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details) link:presentationLink link:calculationLink link:definitionLink 9955545 - Disclosure - Variable Interest Entities (Schedule of Cash Contributions) (Details) link:presentationLink link:calculationLink link:definitionLink 9955546 - Disclosure - Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details) link:presentationLink link:calculationLink link:definitionLink 9955547 - Disclosure - Earnings Per Share (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955548 - Disclosure - Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details) link:presentationLink link:calculationLink link:definitionLink 9955549 - Disclosure - Equity (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955550 - Disclosure - Equity (Schedule of Stock by Class - Preferred) (Details) link:presentationLink link:calculationLink link:definitionLink 9955551 - Disclosure - Equity (Schedule of Equity Units) (Details) link:presentationLink link:calculationLink link:definitionLink 9955552 - Disclosure - Short-Term Borrowings (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955553 - Disclosure - Long-Term Debt (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955554 - Disclosure - Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details) link:presentationLink link:calculationLink link:definitionLink 9955555 - Disclosure - Property, Plant and Equipment (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955556 - Disclosure - Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details) link:presentationLink link:calculationLink link:definitionLink 9955557 - Disclosure - Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details) link:presentationLink link:calculationLink link:definitionLink 9955558 - Disclosure - Goodwill and Other Intangible Assets (Details) link:presentationLink link:calculationLink link:definitionLink 9955559 - Disclosure - Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details) link:presentationLink link:calculationLink link:definitionLink 9955560 - Disclosure - Regulatory Matters (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955561 - Disclosure - Regulatory Matters (Regulatory Assets) (Details) link:presentationLink link:calculationLink link:definitionLink 9955562 - Disclosure - Regulatory Matters (Regulatory Liabilities) (Details) link:presentationLink link:calculationLink link:definitionLink 9955563 - Disclosure - Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details) link:presentationLink link:calculationLink link:definitionLink 9955564 - Disclosure - Risk Management Activities (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955565 - Disclosure - Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details) link:presentationLink link:calculationLink link:definitionLink 9955566 - Disclosure - Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details) link:presentationLink link:calculationLink link:definitionLink 9955567 - Disclosure - Fair Value (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955568 - Disclosure - Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details) link:presentationLink link:calculationLink link:definitionLink 9955569 - Disclosure - Fair Value (Available-For-Sale Securities) (Details) link:presentationLink link:calculationLink link:definitionLink 9955570 - Disclosure - Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details) link:presentationLink link:calculationLink link:definitionLink 9955571 - Disclosure - Income Taxes (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955572 - Disclosure - Income Taxes (Schedule Of Components Of Income Tax Expense) (Details) link:presentationLink link:calculationLink link:definitionLink 9955573 - Disclosure - Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details) link:presentationLink link:calculationLink link:definitionLink 9955574 - Disclosure - Income Taxes (Schedule Of Principal Components Of Net Deferred Tax Liability) (Details) link:presentationLink link:calculationLink link:definitionLink 9955575 - Disclosure - Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details) link:presentationLink link:calculationLink link:definitionLink 9955576 - Disclosure - Pension and Other Postretirement Benefits (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955577 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details) link:presentationLink link:calculationLink link:definitionLink 9955578 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details) link:presentationLink link:calculationLink link:definitionLink 9955579 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details) link:presentationLink link:calculationLink link:definitionLink 9955580 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details) link:presentationLink link:calculationLink link:definitionLink 9955581 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details) link:presentationLink link:calculationLink link:definitionLink 9955582 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details) link:presentationLink link:calculationLink link:definitionLink 9955583 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Benefit Obligations in Excess of Fair Value) (Details) link:presentationLink link:calculationLink link:definitionLink 9955584 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details) link:presentationLink link:calculationLink link:definitionLink 9955585 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details) link:presentationLink link:calculationLink link:definitionLink 9955586 - Disclosure - Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details) link:presentationLink link:calculationLink link:definitionLink 9955587 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net Periodic Benefits Cost) (Details) link:presentationLink link:calculationLink link:definitionLink 9955588 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details) link:presentationLink link:calculationLink link:definitionLink 9955589 - Disclosure - Share-Based Compensation (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955590 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details) link:presentationLink link:calculationLink link:definitionLink 9955591 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details) link:presentationLink link:calculationLink link:definitionLink 9955592 - Disclosure - Share-Based Compensation (Schedule of Performance Award Details) (Details) link:presentationLink link:calculationLink link:definitionLink 9955593 - Disclosure - Leases (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955594 - Disclosure - Leases (Lease Cost) (Details) link:presentationLink link:calculationLink link:definitionLink 9955595 - Disclosure - Leases (Right-of-Use Assets and Liabilities) (Details) link:presentationLink link:calculationLink link:definitionLink 9955596 - Disclosure - Leases (Lease Information) (Details) link:presentationLink link:calculationLink link:definitionLink 9955597 - Disclosure - Leases (Lease Maturity) (Details) link:presentationLink link:calculationLink link:definitionLink 9955598 - Disclosure - Other Commitments And Contingencies (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955599 - Disclosure - Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details) link:presentationLink link:calculationLink link:definitionLink 9955600 - Disclosure - Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details) link:presentationLink link:calculationLink link:definitionLink 9955601 - Disclosure - Business Segment Information (Narrative) (Details) link:presentationLink link:calculationLink link:definitionLink 9955602 - Disclosure - Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details) link:presentationLink link:calculationLink link:definitionLink 9955603 - Disclosure - Other, Net (Schedule Of Other Net) (Details) link:presentationLink link:calculationLink link:definitionLink 9955604 - Disclosure - Interest Expense, Net (Details) link:presentationLink link:calculationLink link:definitionLink 9955605 - Disclosure - Supplemental Cash Flow Information (Details) link:presentationLink link:calculationLink link:definitionLink 9955606 - Disclosure - Valuation and Qualifying Accounts (Details) link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 12 nix-20241231_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE DOCUMENT EX-101.DEF 13 nix-20241231_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE DOCUMENT EX-101.LAB 14 nix-20241231_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE DOCUMENT Indiana Crossroads Solar Indiana Crossroads Solar [Member] Indiana Crossroads Solar Interest rate risk programs Interest Rate Risk [Member] 2.65% Notes Due 2022 2.65% Notes Due 2022 [Member] 2.65% Notes Due 2022 [Member] Stock Issued/Redeemed During the Period, Shares, Equity Units Equity Units Stock Issued/Redeemed During the Period, Shares, Equity Units Stock Issued/Redeemed During the Period, Shares, Equity Units 2026 Defined Benefit Plan, Expected Future Benefit Payment, Year Two Amortization of regulatory liabilities, value Effective Income Tax Rate Reconciliation, Nondeductible Expense, Depreciation, Amount Adjustments to Reconcile Net Income to Net Cash from Operating Activities: Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract] Total finance lease cost Finance Lease, Cost Total Finance Lease, Cost Total Reclassification of other property to regulatory assets Reclassification of Other Property to Regulatory Assets Reclassification of Other Property to Regulatory Assets Tax expense (benefit) at statutory federal income tax rate, value Effective Income Tax Rate Reconciliation at Federal Statutory Income Tax Rate, Amount Schedule Of Transactions Of Share Based Compensation Other Than Stock Options Share-Based Payment Arrangement, Outstanding Award, Activity, Excluding Option [Table Text Block] Cover [Abstract] Cover [Abstract] Cash from financing activities Cash From Financing Activities Related To The Change In Short-Term Borrowings Due To The Securitization Transactions Cash from financing activities related to the change in short-term borrowings due to the securitization transactions Operating Leases, Future Minimum Payments, Due Thereafter Lessee, Operating Lease, Liability, to be Paid, after Year Five Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period Income Tax Jurisdiction [Domain] Income Tax Jurisdiction [Domain] 1.70% Notes Due 2031 1.70% Notes Due 2031 [Member] 1.70% Notes Due 2031 Gross Proceeds Gross Proceeds [Member] Gross Proceeds [Member] Construction Work In Process Construction Work In Process [Member] Construction work in process Trading Symbol Trading Symbol Total Comprehensive Income Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest Long-term debt, excluding amounts due within one year Long-term Debt and Lease Obligation Long-Term Debt and Lease Obligation Non-NEOs Non-NEOs [Member] Related tax benefits Share-Based Payment Arrangement, Expense, Tax Benefit Equity Units [Abstract] Equity Units Total Capitalization Capitalization, Long-Term Debt and Equity Percentage of additional subset of assets capped Percentage Of Additional Subset Of Assets Capped Percentage Of Additional Subset Of Assets Capped Common Stock, Dividends, Per Share, Declared Common Stock, Dividends, Per Share, Declared Proceeds from (Payments to) Noncontrolling Interests [Abstract] Increase (Decrease) in Effective Tax Rate Increase (Decrease) in Effective Tax Rate Increase (Decrease) in Effective Tax Rate 2027 Defined Benefit Plan, Expected Future Benefit Payment, Year Three Summary of Tax Credit Carryforwards Summary of Tax Credit Carryforwards [Table Text Block] Investments and Other Assets Regulated Entity, Other Assets, Noncurrent [Abstract] Allowance for credit losses Accounts Receivable, Allowance for Credit Loss, Current IT Service Agreements [Member] IT Service Agreements [Member] IT Service Agreements Right-of-Use Assets and Liabilities Right-of-Use Assets and Liabilities [Table Text Block] Right-of-Use Assets and Liabilities Distributions to Noncontrolling Interest Holders Noncontrolling Interest, Decrease from Distributions to Noncontrolling Interest Holders 3.85% Notes Due 2023 3.85% Notes Due 2023 [Member] 3.85% Notes Due 2023 [Member] Disposal Group Name [Domain] Disposal Group Name [Domain] Risk Management Liabilities Current Risk Management Liabilities Current [Member] Risk management liabilities (current). Short-Term Investments Short-Term Investments [Member] Public Utilities, Requested Rate Increase (Decrease), Amended, Amount Public Utilities, Requested Rate Increase (Decrease), Amended, Amount Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years Accounts receivable Increase (Decrease) in Accounts Receivable Other Liabilities, Future Minimum Payments, Due in Two Years Other Liabilities, Future Minimum Payments, Due in Two Years Other Liabilities, Future Minimum Payments, Due in Two Years Federal other credit Federal other credit [Member] Federal other credit Non-Rule 10b5-1 Arrangement Adopted Non-Rule 10b5-1 Arrangement Adopted [Flag] Other Commitment, to be Paid, Year Two Other Commitment, to be Paid, Year Two Fair Value Fair Value Disclosures [Text Block] Pension Remeasurement Pension Remeasurement [Policy Text Block] Pension Remeasurement Award Timing Disclosures [Line Items] Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due Derivative, Gain (Loss) on Derivative, Net Derivative, Gain (Loss) on Derivative, Net Redeemable Noncontrolling Interest [Table] Redeemable Noncontrolling Interest [Table] Financing Receivable, Allowance for Credit Loss Financing Receivable, Allowance for Credit Loss [Table Text Block] Debt discount/cost amortization Discount On Prepayment Transaction Discount on prepayment transactions Distressed Opportunities [Member] Distressed Opportunities [Member] Distressed Opportunities [Member] Retirement Plan Tax Status [Axis] Retirement Plan Tax Status [Axis] Second TCA Debt Interest Rate Second TCA Debt Interest Rate Second TCA Debt Interest Rate Finance lease cost Lease, Cost [Abstract] Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible Enumeration] Revenue from Contract with Customer [Abstract] Revenue from Contract with Customer [Abstract] SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis] SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis] Lease Maturity [Line Items] Lease Maturity [Line Items] [Line Items] for Lease Maturity [Table] Excise Taxes Excise Taxes [Policy Text Block] Excise taxes [Policy Text Block] 401(k) and profit sharing Stock Issued During Period, Value, Employee Benefit Plan Equity Units Stock Issued During the Period, Equity Units Value Stock Issued During the Period, Equity Units Value Total Other Assets Other Assets, Noncurrent Leases [Abstract] Leases [Abstract] Other Liabilities, Future Minimum Payments, Due Thereafter Other Liabilities, Future Minimum Payments, Due Thereafter Other Liabilities, Future Minimum Payments, Due Thereafter Deferred Property Taxes Deferred Property Taxes [Member] Deferred Property Taxes COVID-19 related regulatory asset Total Assets Regulatory Asset Variable Interest Entities Variable Interest Entity Disclosure [Text Block] 401(k) and profit sharing plan Stock Issued During Period, Shares, Employee Benefit Plan Total Reportable Segments Operating Segments [Member] Preferred Stock, Amount of Preferred Dividends in Arrears Preferred Stock, Amount of Preferred Dividends in Arrears Basis Of Accounting Presentation [Line Items] Basis Of Accounting Presentation [Line Items] Basis Of Accounting Presentation [Line Items] Energy Commodity Contracts, Future Minimum Payments, Due in Five Years Energy Commodity Contracts, Future Minimum Payments, Due in Five Years Energy Commodity Contracts, Future Minimum Payments, Due in Five Years State regulatory proceedings, rate Effective Income Tax Rate Reconciliation, Other Reconciling Items, Percent Net Cash Flows from Operating Activities Net Cash Provided by (Used in) Operating Activities Operating Activities Net Cash Provided by (Used in) Operating Activities [Abstract] International Equities International Equities [Member] International Equities [Member] Schedule of Accumulated Other Comprehensive Income (Loss) Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Operating Revenues Gross Profit [Abstract] Contractual Obligation, Fiscal Year Maturity Contractual Obligation, Fiscal Year Maturity [Table Text Block] Liability Estimate for Unrecoverable

CCR Costs Liability Estimate for Unrecoverable CCR Costs Liability Estimate for Unrecoverable CCR Costs Other Assets Prepaid Expense, Current Other regulatory liabilities and deferred investment tax credits (including TCJA) Deferred Investment Tax Credits And Other Regulatory Liabilities Deferred Investment Tax Credits And Other Regulatory Liabilities Other Ownership Interests Name [Axis] Other Ownership Interests Name [Axis] AFUDC equity Allowance for Funds Used During Construction, Capitalized Interest Award Timing Method Award Timing Method [Text Block] Total Net Periodic Benefits Cost Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Trading Arrangements, by Individual Trading Arrangements, by Individual [Table] 3.60% Notes Due 2030 3.60% Notes Due 2030 [Member] 3.60% Notes Due 2030 [Member] Measurement Frequency [Axis] Measurement Frequency [Axis] Components of Accumulated Other Comprehensive Income (Loss) [Abstract] Components of Accumulated Other Comprehensive Income (Loss) [Abstract] Components of Accumulated Other Comprehensive Income (Loss) [Abstract] 4.80% Notes due 2044 4.80% Notes due 2044 [Member] 4.80% Notes due 2044 [Member] Entity Common Stock, Shares Outstanding Entity Common Stock, Shares Outstanding Finance Lease, Weighted Average Remaining Lease Term Finance Lease, Weighted Average Remaining Lease Term Environmental Expenditures Environmental Costs, Policy [Policy Text Block] Insider Trading Policies and Procedures [Line Items] Use Of Estimates Use of Estimates, Policy [Policy Text Block] Depreciation Depreciation [Member] Depreciation [Member] Adjustment to Compensation, Amount Adjustment to Compensation Amount Other Ownership Interest Other Ownership Interest [Member] Additional paid-in capital Additional Paid in Capital, Common Stock Compensation Amount Outstanding Recovery Compensation Amount Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member] Entity Small Business Entity Small Business Accumulated depreciation and amortization Public Utilities, Property, Plant and Equipment, Accumulated Depreciation Company Selected Measure Amount Company Selected Measure Amount Variable Interest Entities [Abstract] Variable Interest Entity [Abstract] Tabular List, Table Tabular List [Table Text Block] Significant Unobservable Inputs (Level 3) [Member] Fair Value, Inputs, Level 3 [Member] Deductions for Purposes for which Reserves were Created SEC Schedule, 12-09, Valuation Allowances and Reserves, Deduction Share-based Compensation Arrangement by Share-based Payment Award [Line Items] Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items] Expected return on plan assets Expected Long-Term Rate of Return on Plan Assets Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Expected Long-Term Rate of Return on Plan Assets Schedule of VIE Assets and Liabilities [Table] Schedule of VIE Assets and Liabilities [Table] Schedule of VIE Assets and Liabilities Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years Pension and other postretirement/postemployment benefits Deferred Tax Assets, Tax Deferred Expense, Compensation and Benefits, Postretirement Benefits Share-based Payment Arrangement, Tranche One Share-Based Payment Arrangement, Tranche One [Member] Finance Lease, Liability, Undiscounted Excess Amount Finance Lease, Liability, Undiscounted Excess Amount Inventory valued using LIFO LIFO Inventory Amount Credit Facility [Domain] Credit Facility [Domain] Other taxes Total other taxes Taxes, Miscellaneous Income Amounts Attributable to Noncontrolling Interest Income Amounts Attributable to Noncontrolling Interest [Table Text Block] Income Amounts Attributable to Noncontrolling Interest Total Lease Liability Total Lease Liability Total Lease Liability Goodwill Goodwill Debt Instrument Tendered Debt Instrument Tendered Sale of emission reduction credits Sale of emission reduction credits Sale of emission reduction credits Net prior service cost/(credit) Other Comprehensive (Income) Loss, Defined Benefit Plan, Prior Service Cost (Credit), after Tax Pension and Other Postretirement Non Service Cost Pension and Other Postretirement Non Service Cost Pension and Other Postretirement Non Service Cost Financial Measurement [Axis] Financial Measurement [Axis] Financial Measurement [Axis] Fixed Income Funds Fixed Income Funds [Member] Private Equity Limited Partnerships [Member] Private Equity Limited Partnerships [Member] Private Equity Limited Partnerships [Member] Fixed Income Fixed Income Securities [Member] Fixed Income Securities [Member] Schedule Of Interest Expense, Net Schedule Of Interest Expense Net [Table Text Block] Schedule Of Interest Expense Net [Table Text Block] Employee Stock Option Share-Based Payment Arrangement, Option [Member] Schedule of Available-for-sale Securities [Table] Debt Securities, Available-for-Sale [Table] Depreciation Depreciation Operating Leases, Future Minimum Payments Due, Next Twelve Months Lessee, Operating Lease, Liability, to be Paid, Year One Contract liability payment Proceeds from (Payments for) Other Financing Activities Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years Other Liabilities, Future Minimum Payments, Due in Four Years Other Liabilities, Future Minimum Payments, Due in Four Years Other Liabilities, Future Minimum Payments, Due in Four Years Pension Plan Pension Plan [Member] Inventory valued using the weighted average cost methodology Weighted Average Cost Inventory Amount Finance Lease, Weighted Average Discount Rate, Percent Finance Lease, Weighted Average Discount Rate, Percent Cash Contributions Noncontrolling Interest [Line Items] Cash Contributions Noncontrolling Interest [Line Items] Cash Contributions Noncontrolling Interest [Line Items] Forward Contract Indexed to Issuer's Equity, Shares Forward Contract Indexed to Issuer's Equity, Shares Other adjustments, rate Other adjustments, rate Effective Income Tax Rate Reconciliation, Other Adjustments, Percent 6.95% Notes due 2054 6.95% Notes due 2054 [Member] 6.95% Notes due 2054 Finance Leases, Future Minimum Payments Due, Next Twelve Months Finance Lease, Liability, to be Paid, Year One Schedule of Share-based Compensation Arrangement by Share-based Payment Award, Award Type and Plan Name [Axis] Award Type [Axis] 2023 award 2023 award [Member] 2023 award Net Deferred Tax Liabilities Deferred Tax Liabilities, Net Corporate/Other debt securities Corporate Debt Securities [Member] Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag 2.95% Notes Due 2029 2.95% Notes Due 2029 [Member] 2.95% Notes Due 2029 [Member] Cash, Cash Equivalents, And Restricted Cash Cash and Cash Equivalents, Restricted Cash and Cash Equivalents, Policy [Policy Text Block] Annual Revenue Increase from Joint Stipulation and Proposed Settlements Annual Revenue Increase from Joint Stipulation and Proposed Settlements Annual Revenue Increase from Joint Stipulation and Proposed Settlements Undiscounted Excess Amount Undiscounted Excess Amount Undiscounted Excess Amount - Total Leases Income Taxes [Line Items] Income Taxes [Line Items] Income Taxes [Line Items] Forward Contract Indexed to Issuer's Equity [Table] Forward Contract Indexed to Issuer's Equity [Table] Net Property, Plant and Equipment Net Property, Plant and Equipment Property, Plant and Equipment, Net Lessee, Lease Renewal Term Lessee, Lease Renewal Term Lessee, Lease Renewal Term ICFR Auditor Attestation Flag ICFR Auditor Attestation Flag Total liabilities(1)(2) Liabilities Noncontrolling interest in consolidated subsidiaries Equity, Attributable to Noncontrolling Interest Investment Tax Credit Carryforward Investment Tax Credit Carryforward [Member] Exchange gas receivable/payable Increase Decrease In Exchange Gas Receivable Payable Increase or decrease in exchange gas receivable payable. Other comprehensive income: Comprehensive Income (Loss): Comprehensive Income (Loss), Net of Tax, Attributable to Parent [Abstract] Common stock, par value Common Stock, Par or Stated Value Per Share U.S. Multi-Strategy [Member] United States Multi Strategy [Member] United States Multi Strategy [Member] Schedule of Share-Based Compensation Arrangements By Share-based Payment Award [Table] Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table] Revolving Credit Facility Revolving Credit Facility [Member] Expiration Date Trading Arrangement Expiration Date Investing Activities Net Cash Provided by (Used in) Investing Activities [Abstract] Purchase And Service Obligations [Axis] Purchase And Service Obligations [Axis] Purchase And Service Obligations [Axis] NOEPS NOEPS [Member] NOEPS [Member] Reclassification out of Accumulated Other Comprehensive Income [Table] Reclassification out of Accumulated Other Comprehensive Income [Table] Residential Residential [Member] Residential Operating Lease, Liability, Current Operating Lease, Liability, Current Total Shareholder Return Amount Total Shareholder Return Amount Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance Preferred Stock, Liquidation Preference, Value Preferred Stock, Liquidation Preference, Value Equity Awards Adjustments, Footnote Equity Awards Adjustments, Footnote [Text Block] Additions Asset Retirement Obligation, Liabilities Incurred Deferred Tax Assets, Operating Loss Carryforwards Net operating loss carryforward and AMT credit carryforward Deferred Tax Assets, Operating Loss Carryforwards Interest Payments on Long-term Debt, Future Minimum Payments Due Interest Payments on Long-term Debt, Future Minimum Payments Due Interest Payments on Long-term Debt, Future Minimum Payments Due Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Inputs Reconciliation, Period Increase (Decrease) Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Inputs Reconciliation, Period Increase (Decrease) NiSource Electric Generation and Power Delivery NiSource Electric Generation and Power Delivery [Member] NiSource Electric Generation and Power Delivery Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years Materials and supplies, at average cost Inventory, Raw Materials and Supplies, Gross Underfunded Plan [Member] Defined Benefit Plan, Underfunded Plan [Member] Property Plant and Equipment Property, Plant and Equipment, Gross Schedule of Income Tax Expense [Axis] Schedule of Income Tax Expense [Axis] Schedule of Income Tax Expense [Axis] Payments to Acquire Assets, Investing Activities Payments to Acquire Assets, Investing Activities Retirement Plan Name [Axis] Retirement Plan Name [Axis] Distributions to tax equity partners Distributions to Tax Equity Partners Distributions to Tax Equity Partners Assets acquired under an operating lease Noncash or Part Noncash Acquisition, Fixed Assets Acquired Operating Lease Noncash or Part Noncash Acquisition, Fixed Assets Acquired Operating Lease Defined Benefit Plan, Plan Assets, Contributions by Plan Participant Defined Benefit Plan, Plan Assets, Contributions by Plan Participant Debt Instrument [Line Items] Debt Instrument [Line Items] Named Executive Officers, Footnote Named Executive Officers, Footnote [Text Block] Cash [Member] Cash [Member] Proceeds from (Payments to) Noncontrolling Interests Proceeds from (Payments to) Noncontrolling Interests Net unrealized gain (loss) on available-for-sale securities OCI, Debt Securities, Available-for-Sale, Gain (Loss), after Adjustment and Tax Diluted Average Common Shares Average Common Shares - Diluted Weighted Average Number of Shares Outstanding, Diluted Restructuring and Related Cost, Expected Cost Restructuring and Related Cost, Expected Cost Rate Refunds Rate Refunds [Member] Rate Refunds Massachusetts Business [Domain] Massachusetts Business [Domain] Massachusetts Business MNPI Disclosure Timed for Compensation Value MNPI Disclosure Timed for Compensation Value [Flag] Federal losses Federal losses [Member] Federal losses Total NiSource Stockholders' Equity Equity, Attributable to Parent Total Deferred Tax Assets Deferred Tax Assets, Gross Treasury stock Treasury Stock, Value Coal Transportation Coal Transportation [Member] Coal Transportation [Member] Available-for-sale securities, maturities of less than a year Debt Securities, Available-for-Sale, Fair Value, Maturity, Allocated and Single Maturity Date, Year One Type of Adoption [Domain] Accounting Standards Update [Domain] Accounting Standards Update and Change in Accounting Principle [Table] Accounting Standards Update and Change in Accounting Principle [Table] Other Commitment, to be Paid, Year Four Other Commitment, to be Paid, Year Four Valuation Allowances and Reserves, Charged to Other Accounts SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Other Account Category of Item Purchased [Axis] Category of Item Purchased [Axis] Generation Retirement Units [Domain] Generation Retirement Units [Domain] Generation Retirement Units [Domain] 401(k) match, profit sharing and non-elective expense Defined Contribution Plan, Cost Changes In Liability For Asset Retirement Obligations Schedule of Change in Asset Retirement Obligation [Table Text Block] Auditor [Table] Auditor [Table] Common stock reserved for future awards, shares Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized Deferred Derivative Gain (Loss) Deferred Derivative Gain (Loss) [Member] Document Fiscal Period Focus Document Fiscal Period Focus Accrued Insurance Liabilities Accrued Insurance Liabilities [Policy Text Block] Accrued Insurance Liabilities [Policy Text Block] ATM Program Stock Issued During Period, Value, Other Dividends: Dividends [Abstract] All Executive Categories All Executive Categories [Member] Shares restricted under employee stock plans Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements Statement of Financial Position Location, Balance [Domain] Statement of Financial Position Location, Balance [Domain] Equity Securities [Member] Equity Securities [Member] Retirement Plan Tax Status [Domain] Retirement Plan Tax Status [Domain] Gains and Losses on Securities AOCI, Accumulated Gain (Loss), Debt Securities, Available-for-Sale, Parent [Member] Changed Peer Group, Footnote Changed Peer Group, Footnote [Text Block] ASSETS Assets [Abstract] Retirement Plan Type [Domain] Retirement Plan Type [Domain] Total Future Minimum Lease Payments, Due Thereafter Total Future Minimum Lease Payments, Due Thereafter Total Future Minimum Lease Payments, Due Thereafter Total other comprehensive income Other Comprehensive Income (Loss), Net of Tax Net current-period other comprehensive income (loss) Other Comprehensive Income (Loss), Net of Tax Share-based Compensation Arrangement by Share-based Payment Award, Non-Option Equity Instruments, Outstanding, Number Share-Based Compensation Arrangement by Share-Based Payment Award, Non-Option Equity Instruments, Outstanding, Number Defined Benefit Plan, Amortization of Prior Service Cost (Credit) Other Comprehensive (Income) Loss, Defined Benefit Plan, Prior Service Cost (Credit), Reclassification Adjustment from AOCI, after Tax Regulated Operations [Table] Regulated Operations [Table] Regulated Operations Document Type Document Type Derivative Contract [Domain] Derivative Contract [Domain] Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss) Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss) Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months Schedule Of Operating Income Derived From Revenues And Expenses By Segment Schedule of Segment Reporting Information, by Segment [Table Text Block] Junior Subordinated Notes Junior Subordinated Notes Nonrelated Party Nonrelated Party [Member] Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization Service Area By County Number of counties in which electric service provided by Electric Operations Service Area By County Service Area By County Excise and Sales Taxes Excise and Sales Taxes Defined Benefit Plan [Table] Defined Benefit Plan [Table] Amortized Cost Debt Securities, Available-for-Sale, Amortized Cost Performance Share Details [Table] Performance Share Details [Table] Performance Share Details Maximum Maximum [Member] ARO type [Axis] ARO type [Axis] ARO type Preferred stock - $0.01 par value, 20,000,000 shares authorized; 0 and 40,000 shares outstanding, respectively Preferred Stock, Value, Outstanding Preferred Stock, Value, Outstanding Equity Valuation Assumption Difference, Footnote Equity Valuation Assumption Difference, Footnote [Text Block] Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items Accounts payable Accounts Payable, Current Shares Issued, Price Per Share Shares Issued, Price Per Share 5.20% Notes Due 2029 5.20% Notes Due 2029 [Member] 5.20% Notes Due 2029 Total lease cost Lease, Cost Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Percent Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Percent Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Percent NIPSCO Holdings II NIPSCO Holdings II [Member] NIPSCO Holdings II Other Assets Assets, Noncurrent [Abstract] Statistical Measurement [Axis] Statistical Measurement [Axis] Non-Rule 10b5-1 Arrangement Terminated Non-Rule 10b5-1 Arrangement Terminated [Flag] Distributions to NIPSCO minority interest holders Distributions to tax equity partners Payments to Noncontrolling Interests Grantee Status [Domain] Grantee Status [Domain] Non-PEO NEO Average Total Compensation Amount Non-PEO NEO Average Total Compensation Amount Deferred Investment Credits Deferred Other Tax Expense (Benefit) Name Outstanding Recovery, Individual Name Disaggregation of Revenue [Line Items] Disaggregation of Revenue [Line Items] Total Future Contractual Obligations, Due in Four Years Total Future Contractual Obligations, Due in Four Years Total Future Contractual Obligations, Due in Four Years Nameplate Capacity Nameplate Capacity Nameplate Capacity Estimated Maximum Disgorgement Exposure Estimated Maximum Disgorgement Exposure Estimated Maximum Disgorgement Exposure Goodwill, Impairment Loss Goodwill, Impairment Loss Title and Position [Axis] Title and Position [Axis] Schedule of Principal Components of Net Tax Expense [Table] Schedule of Principal Components of Net Tax Expense [Table] Schedule of Principal Components of Net Tax Expense [Table] Industrial Industrial [Member] Industrial [Member] Total Future Contractual Obligations, Due Thereafter Total Future Contractual Obligations, Due Thereafter Total Future Contractual Obligations, Due Thereafter Change in cash, cash equivalents and restricted cash Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Excluding Exchange Rate Effect Effective Income Tax Rate Reconciliation, Tax Credit, Amount Effective Income Tax Rate Reconciliation, Tax Credit, Amount Award Timing Predetermined Award Timing Predetermined [Flag] Customer Accounts Receivable, Billed (Less Reserve) Customer Accounts Receivable, Billed (Less Reserve) Customer Accounts Receivable, Billed (Less Reserve) Allowance for borrowed funds used and interest capitalized during construction Allowance For Borrowed Funds Used And Interest Capitalized During Construction Allowance for borrowed funds used and interest capitalized during construction Repayments of long-term debt and finance lease obligations Repayment of Long-Term Debt, Long-Term Lease Obligation, and Capital Security Capitalized Computer Software, Amortization Capitalized Computer Software, Amortization Subsequent Event Type [Domain] Subsequent Event Type [Domain] Dividends paid - common stock Payments of Ordinary Dividends, Common Stock Defined Benefit Plan, Amortization of Prior Service Cost (Credit) Defined Benefit Plan, Amortization of Prior Service Cost (Credit) Scenario, Forecast Forecast [Member] Long-

Term Debt Long-Term Debt [Text Block] Milestone and final payments to renewable generation asset developer Milestone and final payments to renewable generation asset developer Payment to renewable generation asset developer Payment to renewable generation asset developer Diluted Earnings Per Share Earnings Per Share, Diluted Other Fixed Income Other Fixed Income [Member] Other Fixed Income State and Local Jurisdiction State and Local Jurisdiction [Member] Income before Income Taxes Book income before income taxes Income (Loss) from Continuing Operations before Income Taxes, Domestic Total Current Current Income Tax Expense (Benefit) Regulatory Liability [Domain] Regulatory Liability [Domain] Restatement does not require Recovery Restatement Does Not Require Recovery [Text Block] Ownership [Axis] Ownership [Axis] NIPSCO - Electric NIPSCO - Electric [Member] NIPSCO - Electric [Member] Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay Partnership basis differences Partnership basis differences Partnership basis differences Deferred Tax Liabilities Deferred Tax Liabilities, Gross [Abstract] Preferred Stock, Shares Issued Preferred Stock, Shares Issued Participating Securities, Distributed and Undistributed Earnings (Loss), Basic Participating Securities, Distributed and Undistributed Earnings (Loss), Basic Customer [Axis] Customer [Axis] 5.25% Notes Due 2028 5.25% Notes Due 2028 [Member] 5.25% Notes Due 2028 3.49% Notes due 2027 3.49% Notes due 2027 [Member] 3.49% Notes due 2027 [Member] Statement of Financial Position [Abstract] Statement of Financial Position [Abstract] Settlements Other Comprehensive Income (Loss), Defined Benefit Plan, Settlement and Curtailment Gain (Loss), after Tax Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years Earnings Per Share [Table] Earnings Per Share [Table] Earnings Per Share Unrecognized Tax Benefits, Income Tax Penalties Expense Unrecognized Tax Benefits, Income Tax Penalties Expense Investment Tax Credit Investment Tax Credit Investment Tax Credit Underrecovered Gas And Fuel Costs Underrecovered Gas And Fuel Costs [Member] Underrecovered Gas And Fuel Costs [Member] Fair value of shares granted Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value Net Income Net Income Net Income (Loss), Including Portion Attributable to Noncontrolling Interest Disposal Group, Not Discontinued Operation, Gain (Loss) on Disposal Disposal Group, Not Discontinued Operation, Gain (Loss) on Disposal Recently Adopted Accounting Pronouncements [Line Items] Recently Adopted Accounting Pronouncements [Line Items] Recently Adopted Accounting Pronouncements [Line Items] Income Taxes Income Taxes Income Tax Expense (Benefit) Interest cost Defined Benefit Plan, Interest Cost Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value Derivative Asset Risk management assets Derivative Asset Seasonal Limit Seasonal Limit Transfers Accounted For As Secured Borrowings Seasonal Limit Weighted-average remaining requisite service period, years Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Customer revenues Revenue from Contract with Customer, Excluding Assessed Tax Statement of Comprehensive Income [Abstract] Statement of Comprehensive Income [Abstract] Remaining Lease Term Remaining Lease Term Remaining Lease Term Senior Note Redeemed August & September 2020 [Member] Senior Note Redeemed August & September 2020 [Member] Senior Note Redeemed August & September 2020 Fuel Adjustment Clause Gas and Fuel Adjustment Clause [Policy Text Block] Gas and Fuel adjustment clause [Policy Text Block] Interest Expense, Operating and Nonoperating [Abstract] Interest Expense, Operating and Nonoperating [Abstract] Other Liabilities, Future Minimum Payments, Due in Five Years Other Liabilities, Future Minimum Payments, Due in Five Years Other Liabilities, Future Minimum Payments, Due in Five Years Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List] Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible Enumeration] Net Cash Flows used for Investing Activities Net Cash Provided by (Used in) Investing Activities Income Tax Jurisdiction [Axis] Income Tax Jurisdiction [Axis] Other adjustments Other Operating Activities, Cash Flow Statement All Adjustments to Compensation All Adjustments to Compensation [Member] Accrued compensation and employee benefits Employee-related Liabilities, Current Short-term Debt, Type [Domain] Short-Term Debt, Type [Domain] Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter Schedule Of Other, Net Schedule of Other Nonoperating Income (Expense) [Table Text Block] Accumulated Other Comprehensive Income (Loss) [Line Items] Accumulated Other Comprehensive Income (Loss) [Line Items] Commodity price risk programs Commodity Price Risk Programs [Member] Commodity Price Risk Programs [Member] Tax Credit Carryforward [Axis] Tax Credit Carryforward [Axis] Commitments and Contingencies Disclosure [Abstract] Commitments and Contingencies Disclosure [Abstract] Interest income Interest Income (Expense), Nonoperating 5.80% Notes Due 2042 5.80% Notes Due 2042 [Member] 5.80% Notes Due 2042 [Member] Legal Entity Legal Entity [Axis] Effect On Tax Rate Due To Legislations [Table] Effect On Tax Rate Due To Legislations [Table] Effect On Tax Rate Due To Legislations [Table] Regulatory Asset [Axis] Regulatory Asset [Axis] Long-term Debt, Future Minimum Payments, Due in Three Years Long-term Debt, Future Minimum Payments, Due in Three Years Long-term Debt, Future Minimum Payments, Due in Three Years Scenario [Domain] Scenario [Domain] Incremental O&M - COVID Incremental O&M - COVID [Member] Incremental O&M - COVID Related Party Transaction [Axis] Related Party Transaction [Axis] Long-term Debt, Type [Domain] Long-Term Debt, Type [Domain] Entity Address, State or Province Entity Address, State or Province NIPSCO's Cash Contribution NIPSCO's Cash Contribution NIPSCO's Cash Contribution Derivative Instruments and Hedging Activities Disclosure [Abstract] Erroneous Compensation Analysis Erroneous Compensation Analysis [Text Block] Commercial Commercial [Member] Commercial [Member] Defined Benefit Plan, Plan Assets, Category [Domain] Defined Benefit Plan, Plan Assets, Category [Domain] Rosewater Rosewater [Member] Rosewater Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Major Types of Trading Securities and Assets [Domain] Financial Instruments [Domain] Financial Instruments [Domain] Total Future Minimum Lease Payments Due, Next Twelve Months Total Future Minimum Lease Payments Due, Next Twelve Months Total Future Minimum Lease Payments Due, Next Twelve Months Vesting [Domain] Vesting [Domain] Net Asset Value Excluded From Fair Value By Input Net Asset Value Excluded From Fair Value By Input Nonvested, Weighted Average Grant Date Fair Value Nonvested, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value Short-Term Borrowings Short-Term Debt [Text Block] CAPITALIZATION AND LIABILITIES Liabilities and Equity [Abstract] 2020 award 2020 award [Member] 2020 award Components Of The Plans' Net Periodic Benefits Cost Schedule of Net Benefit Costs [Table Text Block] Payments for assets retirement obligations Asset Retirement Obligation, Cash Paid to Settle Investment Objective [Domain] Investment Objective [Domain] Schedule of Principal Components of Net Tax Expense [Line Items] Schedule of Principal Components of Net Tax Expense [Line Items] [Line Items] for Schedule of Principal Components of Net Tax Expense [Table] RTSR Modifier RTSR Modifier RTSR Modifier Restatement Determination Date Restatement Determination Date Net change in commercial paper and other short-term borrowings Net Change in Commercial Paper And Other Short-term Borrowings Net Change in Commercial Paper And Other Short-term Borrowings Valuation Allowances and Reserves, Charged to Cost and Expense SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Cost and Expense Available-for-sale debt securities (amortized cost of $91.9 and $169.0, allowance for credit losses of $0.1 and $0.6, respectively) Available-for-sale debt securities Debt Securities, Available-for-Sale, Noncurrent Pay vs Performance Disclosure Pay vs Performance Disclosure [Table] Accounting For Risk Management Activities Accounting for Risk Management Activities [Policy Text Block] Accounting for risk management activities [Policy Text Block] Pipeline Replacement Expenses Pipeline Replacement Expenses Pipeline Replacement Expenses Property, Plant and Equipment [Table] Property, Plant and Equipment [Table] Interest Crediting Rates Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Weighted-Average Interest Crediting Rate Operating Lease, Right-of-Use Asset Operating Lease, Right-of-Use Asset Erroneously Awarded Compensation Recovery Erroneously Awarded Compensation Recovery [Table] Short-term Debt, Type [Axis] Short-Term Debt, Type [Axis] Basis Of Accounting For Rate-Regulated Subsidiaries Basis Of Accounting For Rate Regulated Subsidiaries [Policy Text Block] Basis of accounting for rate regulated subsidiaries [Policy Text Block] Preferred stock redemption Preferred stock redemption Preferred stock redemption Property, Plant and Equipment [Abstract] Property, Plant and Equipment [Abstract] Other Commitment, to be Paid, Year One Other Commitment, to be Paid, Year One Plan amendments Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Plan Amendment Public Authority Public Authority [Member] Public Authority Total Financial Liabilities Fair Value Disclosure Other Accrued Liabilities Other Accrued Liabilities Earnings Per Share Earnings Per Share [Text Block] Employee stock purchase plan Stock Issued During Period, Value, Employee Stock Purchase Plan Subsequent Event Subsequent Event [Member] Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years Long-term Debt, Future Minimum Payments, Due in Two Years Long-term Debt, Future Minimum Payments, Due in Two Years Long-term Debt, Future Minimum Payments, Due in Two Years Discount rate - interest cost Defined Benefit Plan Assumptions Used In Calculating Net Periodic Cost Discount Rate for Interest Cost The interest rate used to adjust the time value of money for interest cost. Redeemable Noncontrolling Interest [Line Items] Redeemable Noncontrolling Interest [Line Items] Granted, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value Incremental O&M and Bad Debt-COVID Incremental O&M and Bad Debt-COVID [Member] Incremental O&M and Bad Debt-COVID Accelerated depreciation and other property differences Accelerated Depreciation And Other Property Differences Accelerated depreciation and other property differences Income Taxes And Investment Tax Credits Income Tax, Policy [Policy Text Block] Peer Group Issuers, Footnote Peer Group Issuers, Footnote [Text Block] Segments [Domain] Segments Segments [Domain] Basis Of Accounting Presentation [Table] Basis Of Accounting Presentation [Table] NiSource Gas Distribution NiSource Gas Distribution [Member] NiSource Gas Distribution Post-In Service Carrying Charges Post In Service Carrying Charges [Member] Post In Service Carrying Charges [Member] Current period provisions Provision for Loan, Lease, and Other Losses Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract] Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract] PEO PEO [Member] Asset Retirement Obligations Asset Retirement Obligation Disclosure [Text Block] Capital Unit, Class [Domain] Capital Unit, Class [Domain] Short-term Lease Liability Short-term Lease Liability Short-term Lease Liability Name Trading Arrangement, Individual Name Funded status of plan Defined Benefit Plan, Funded (Unfunded) Status of Plan Defined Benefit Plan, Funded (Unfunded) Status of Plan Forward Contract Indexed to Issuer's Equity, Settlement Alternatives, Cash, at Fair Value Forward Contract Indexed to Equity, Settlement, Cash, Amount Charitable Contributions Charitable Contributions Charitable contributions included in other, net Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table] Gains and Losses on Cash Flow Hedges Accumulated Net Gain (Loss) from Cash Flow Hedges Attributable to Parent [Member] Property, Plant and Equipment by Type [Axis] Long-Lived Tangible Asset [Axis] Entity Public Float Entity Public Float Disposal Group Name [Axis] Disposal Group Name [Axis] Miscellaneous Miscellaneous Non-Operating Income (Expense) Miscellaneous Non-Operating Income (Expense) Total Future Minimum Lease Payments, Due in Three Years Total Future Minimum Lease Payments, Due in Three Years Total Future Minimum Lease Payments, Due in Three Years Benefit obligation at beginning of year Projected benefit obligation at end of year Defined Benefit Plan, Benefit Obligation Defined Benefit Plan, Benefit Obligation ARO Type [Domain] ARO Type [Domain] [Domain] for ARO Type Awards Close in Time to MNPI Disclosures, Table Awards Close in Time to MNPI Disclosures [Table Text Block] Other Income (Deductions) Other Nonoperating Income (Expense) [Abstract] Other Nonoperating Income (Expense) [Abstract] SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract] SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract] Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member] NIPSCO Electric Generation NIPSCO Electric Generation [Member] NIPSCO Electric Generation Retirement Plan Sponsor Location [Domain] Retirement Plan Sponsor Location [Domain] Aggregate Erroneous Compensation Amount Aggregate Erroneous Compensation Amount Non-cash transactions: Non-cash transactions [Abstract] Non-cash transactions [Abstract] Accounts Receivable Program Accounts Receivable Program [Member] Accounts receivable program. Local Phone Number Local Phone Number Supplemental Cashflow [Axis] Supplemental Cashflow [Axis] Supplemental Cashflow [Axis] Deferred Tax Assets, Valuation Allowance Deferred Tax Assets, Valuation Allowance Deferred Tax Assets, Valuation Allowance Aggregate Erroneous Compensation Not Yet Determined Aggregate Erroneous Compensation Not Yet Determined [Text Block] Payments to Acquire Interest in Subsidiaries and Affiliates Payments to Acquire Interest in Subsidiaries and Affiliates Depreciation Provisions For Utility Plant Percentage Depreciation Provisions For Utility Plant Percentage Depreciation provisions for utility plant percentage Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items] Add: Dilutive effect of Equity Units Dilutive Securities, Effect on Basic Earnings Per Share, Dilutive Convertible Securities Changes in Assets and Liabilities: Increase (Decrease) in Operating Capital [Abstract] Allowance for Credit Loss Allowance for Credit Loss Debt Securities, Available-for-Sale, Allowance for Credit Loss Other Liabilities Liabilities, Noncurrent [Abstract] Supplemental Cashflow [Table] supplemental cashflow [Table] supplemental cashflow [Table] PEO Total Compensation Amount PEO Total Compensation Amount Senior Notes Senior Notes NIPSCO Operations NIPSCO Operations [Member] NIPSCO Operations Property, Plant and Equipment, Type [Domain] Long-Lived Tangible Asset [Domain] Interest accrued Interest Payable, Current Cost Of Removal Cost Of Removal [Member] Cost Of Removal [Member] Wind Power Purchase Agreement, Purchase Percentage Wind Power Purchase Agreement, Purchase Percentage Wind Power Purchase Agreement, Purchase Percentage Defined Benefit Plan by Plan Asset Categories [Axis] Defined Benefit Plan, Plan Assets, Category [Axis] 3.65% Notes Due 2023 3.65% Notes Due 2023 [Member] 3.65% Notes Due 2023 [Member] Utility Plant And Other Property And Related Depreciation And Maintenance Property, Plant and Equipment, Planned Major Maintenance Activities, Policy [Policy Text Block] Deposits to renewable generation asset developer Deposits to renewable generation asset developer Deposits to renewable generation asset developer Common Stock Common Stock [Member] Forgone Recovery due to Expense of Enforcement, Amount Forgone Recovery due to Expense of Enforcement, Amount Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down Lease Type [Axis] Lease Type [Axis] Lease Type [Axis] Risk Management Assets Current Risk Management Assets Current [Member] Risk management assets current. Working Capital Adjustment Working Capital Adjustment Working Capital Adjustment Medium-Term Notes Medium-Term Note Segment Reporting [Abstract] Segment Reporting [Abstract] Derivative, Forward Price Forward Contract Indexed to Issuer's Equity, Forward Rate Per Share Goodwill And Other Intangible Assets Goodwill and Intangible Assets, Intangible Assets, Policy [Policy Text Block] Accrued liability for postretirement and postemployment benefits Liability, Pension and Other Postretirement and Postemployment Benefits, Noncurrent Entity Central Index Key Entity Central Index Key Series B-1 Preferred Stock Series B-1 Preferred Stock [Member] Series B-1 Preferred Stock [Member] Scenario [Axis] Scenario [Axis] Scenario [Axis] Other segment items Segment Reporting, Other Segment Item, Amount Long-term Debt, Future Minimum Payments, Due Thereafter Long-term Debt, Future Minimum Payments, Due Thereafter Long-term Debt, Future Minimum Payments, Due Thereafter Linde Inc. Linde Inc. [Member] Linde Inc. Purchase Contract Liability Purchase Contract Liability [Member] Purchase Contract Liability Non-PEO NEO Average Compensation Actually Paid Amount Non-PEO NEO Average Compensation Actually Paid Amount Long-term Debt, Future Minimum Payments Due, Next Twelve Months Long-term Debt, Future Minimum Payments Due, Next Twelve Months Long-term Debt, Future Minimum Payments Due, Next Twelve Months Corporate [Member] Corporate Segment [Member] Equity Equity [Text Block] Shares To Be Issued Under Stock Purchase Contracts Shares To Be Issued Under Stock Purchase Contracts Shares To Be Issued Under Stock Purchase Contracts Customer Accounts Receivable, Unbilled (Less Reserve) Customer Accounts Receivable, Unbilled (Less Reserve) Customer Accounts Receivable, Unbilled (Less Reserve) Partner Type of Partners' Capital Account, Name [Domain] Partner Type of Partners' Capital Account, Name [Domain] Award Timing, How MNPI Considered Award Timing, How MNPI Considered [Text Block] Financial Instrument Schedule of Available-for-sale Securities, Major Types of Debt and Equity Securities [Axis] Financial Instrument [Axis] Long-Term Debt, Current Maturities Long-Term Debt, Current Maturities Business Segment Information Segment Reporting Disclosure [Text Block] Asset Retirement Obligation [Abstract] Asset Retirement Obligation [Abstract] Fair Value, Inputs, Level 1, 2 and 3 Fair Value, Inputs, Level 1, Level 2, and Level 3 [Member] Equity Units [Line Items] Equity Units [Line Items] Equity Units [Line Items] Recent Accounting Pronouncements Accounting Standards Update and Change in Accounting Principle [Text Block] Title Trading Arrangement, Individual Title Preferred stock redemption premium Payment of Preferred Stock Redemption Premium Payment of Preferred Stock Redemption Premium NIPSCO NIPSCO [Member] NIPSCO [Member] Unsecured Debt Unsecured Debt [Member] Consolidated Entities [Axis] Consolidated Entities [Axis] Regulatory Deferral - Joint Venture Regulatory Deferral - Joint Venture Regulatory Deferral - Joint Venture

Other investments Other Long-Term Investments Unrecognized Tax Benefits - Opening Balance Unrecognized Tax Benefits - Ending Balance Unrecognized Tax Benefits Internal Revenue Service (IRS) Internal Revenue Service (IRS) [Member] City Area Code City Area Code Current Liabilities Liabilities, Current [Abstract] Auditor Location Auditor Location Other accrued liabilities Deferred Tax Assets, Tax Deferred Expense, Reserves and Accruals, Accrued Liabilities Finance Leases Finance Leases [Member] Finance Leases Net Property, Plant and Equipment Net Property, Plant and Equipment Public Utilities, Property, Plant and Equipment, Net Service Obligations, IT Service Obligations, Future Minimum Payments Due Service Obligations, IT Service Obligations, Future Minimum Payments Due Service Obligations, IT Service Obligations, Future Minimum Payments Due Total Future Minimum Lease Payments, Due in Two Years Total Future Minimum Lease Payments, Due in Two Years Total Future Minimum Lease Payments, Due in Two Years Insider Trading Policies and Procedures Not Adopted Insider Trading Policies and Procedures Not Adopted [Text Block] Increases (reductions) in taxes resulting from: Increases (reductions) in taxes resulting from [Abstract] Increases (reductions) in taxes resulting from [Abstract] Total Future Contractual Obligations, Due in Three Years Total Future Contractual Obligations, Due in Three Years Total Future Contractual Obligations, Due in Three Years Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income Schedule of Defined Benefit Plan Amounts Recognized in Other Comprehensive Income (Loss) [Table Text Block] Loss (gain) on sale of assets Gain (Loss) on Disposition of Assets Preferred Stock Preferred Stock [Member] Other Nonoperating Income [Line Items] Other Nonoperating Income [Line Items] Other Nonoperating Income Document Information [Line Items] Document Information [Line Items] Accounts Receivable And Unbilled Revenue Receivable [Policy Text Block] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table] Schedule of Segment Reporting Information, by Segment [Table] Schedule of Segment Reporting Information, by Segment [Table] Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months Public Utilities, Requested Rate Increase (Decrease), Amended, Percentage Public Utilities, Requested Rate Increase (Decrease), Amended, Percentage Subsequent Event Type Subsequent Event Type [Axis] Earnings Per Share Earnings Per Share [Abstract] Equity [Abstract] Equity [Abstract] Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months Retained deficit Retained Earnings (Accumulated Deficit) Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Reclassification out of Accumulated Other Comprehensive Income Reclassification out of Accumulated Other Comprehensive Income [Table Text Block] Proceeds from Insurance Settlement, Investing Activities Proceeds from Insurance Settlement, Investing Activities Class of Stock [Domain] Class of Stock [Domain] Gas storage and other inventories Increase (Decrease) in Inventories Assets recorded for asset retirement obligations Increase (Decrease) in Asset Retirement Obligations Schedule of Long-Term Debt Schedule of Debt [Table Text Block] Deferred income taxes Deferred Income Taxes and Tax Credits Wind power purchase agreement capacity Wind Power Purchase Agreement Capacity Wind power purchase agreement capacity Aggregate Available Trading Arrangement, Securities Aggregate Available Amount Equity Awards Adjustments Equity Awards Adjustments [Member] Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months Operating Lease, Liability Operating Lease, Liability Other Liabilities, Future Minimum Payments Due Other Liabilities, Future Minimum Payments Due Other Liabilities, Future Minimum Payments Due Underlying Securities Award Underlying Securities Amount Defined Benefit Plans and Other Postretirement Benefit Plans Disclosures [Table] Defined Benefit Plans and Other Postretirement Benefit Plans Disclosures [Table] Performance Shares Performance Shares [Member] Payment of obligation to renewable generation asset developer Repayments of Other Debt Energy Commodity Contracts, Future Minimum Payments Due Energy Commodity Contracts, Future Minimum Payments Due Energy Commodity Contracts, Future Minimum Payments Due Regulatory assets Regulatory Assets, Current Regulatory Asset, Current Finance Leases, Future Minimum Payments Due in Five Years Finance Lease, Liability, to be Paid, Year Five Common stock Dividends, Common Stock, Cash Amendment Flag Amendment Flag Commercial paper outstanding Commercial Paper Plan participants' contributions Defined Benefit Plan, Benefit Obligation, Contributions by Plan Participant Stock Appreciation Rights (SARs) Stock Appreciation Rights (SARs) [Member] Equity Units Stock Purchase Contract Liability Payment Equity Units Stock Purchase Contract Liability Payment Equity Units Stock Purchase Contract Liability Payment Miscellaneous Misc. [Member] Misc. [Member] Schedule of Income Tax Expense/Benefit [Line Items] Schedule of Income Tax Expense Benefit [Line Items] [Line Items] for Schedule of Income Tax Expense Benefit [Table] Amortization of right-of-use assets Finance Lease, Right-of-Use Asset, Amortization Accounting Standards Update 2022-04 Accounting Standards Update 2022-04 [Member] Supplemental Cash Flow Information Cash Flow, Supplemental Disclosures [Text Block] Other, Net Other Income and Other Expense Disclosure [Text Block] Other Comprehensive Income (Loss), before Reclassifications, Net of Tax Other Comprehensive Income (Loss), before Reclassifications, Net of Tax Actual return on plan assets Defined Benefit Plan, Plan Assets, Increase (Decrease) for Actual Return (Loss) Major Rail Operators Major Rail Operators Major Rail Operators Fair Value Hierarchy and NAV [Domain] Fair Value Plan Asset Measurement [Domain] Fair Value Hierarchy and NAV [Domain] Recovery of Erroneously Awarded Compensation Disclosure [Line Items] Face amount of notes Debt Instrument, Face Amount Plant equipment purchase obligations, Future Minimum Payments Due Plant equipment purchase obligations, Future Minimum Payments Due Plant equipment purchase obligations, Future Minimum Payments Due Balance - Less Net Operating Loss Carryforwards Unrecognized Tax Benefits Net of Refunds and Net Operating Loss Carryforwards Unrecognized Tax Benefits Net of Refunds and Net Operating Loss Carryforwards Entity Address, Postal Zip Code Entity Address, Postal Zip Code Interest Rate Swap Interest Rate Swap [Member] Long-term Purchase Commitment [Table] Long-Term Purchase Commitment [Table] Corporate Units Contract Annual Rate Corporate Units Contract Annual Rate Corporate Units Contract Annual Rate Cash and cash equivalents Cash and Cash Equivalents, at Carrying Value Cash and Cash Equivalents, at Carrying Value Number of waste disposal sites identified by program Number of waste disposal sites identified by program Number of waste disposal sites identified by program. Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table] Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table] Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table] Grantee Status [Axis] Grantee Status [Axis] Other investing activities Payments for (Proceeds from) Other Investing Activities 2021 Special award 2021 Special award [Member] 2021 Special award Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member] Incremental Bad Debt - COVID Incremental Bad Debt - COVID [Member] Incremental Bad Debt - COVID Pre-tax rate for allowance for funds used during construction Pre Tax Rate For Allowance For Funds Used During Construction Pre tax rate for allowance for funds used during construction Auditor Name Auditor Name Share-based Payment Arrangement, Nonemployee Share-Based Payment Arrangement, Nonemployee [Member] Forfeited, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value Document [Domain] Document [Domain] Current Current Income Tax Expense (Benefit), Continuing Operations [Abstract] Loss on early extinguishment of long-term debt Gain (Loss) on Extinguishment of Debt Other Current Liabilities Other Current Liabilities [Member] Forward February 21 Forward February 21 [Member] Forward February 21 Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member] Change in Accounting Principle, Accounting Standards Update, Adopted [true false] Change in Accounting Principle, Accounting Standards Update, Adopted [true false] Noncontrolling Interest Disclosure Noncontrolling Interest Disclosure [Text Block] Schedule of Short-term Debt [Table] Short-Term Debt [Table] Accounts payable Increase (Decrease) in Accounts Payable Total Future Contractual Obligations, Due in Two Years Total Future Contractual Obligations, Due in Two Years Total Future Contractual Obligations, Due in Two Years Work and Asset Management enterprise resourcing system Work and Asset Management enterprise resourcing system [Member] Work and Asset Management enterprise resourcing system Adjustment To PEO Compensation, Footnote Adjustment To PEO Compensation, Footnote [Text Block] 6.78% Notes Due 2027 6.78% Notes Due 2027 [Member] 6.78% Notes Due 2027 [Member] Finance Lease, Principal Payments Finance Lease, Principal Payments Equity Units purchase contracts Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements If-Converted Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements If-Converted Net Income Available to Common Shareholders Net Income Available to Common Shareholders Net Income (Loss) Available to Common Stockholders, Basic Fines and penalties, rate Effective Income Tax Rate Reconciliation, Nondeductible Expense, Percent Compensation Actually Paid vs. Other Measure Compensation Actually Paid vs. Other Measure [Text Block] Schedule of Stock by Class - Preferred Stock, Class of Stock [Table] Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member] Total Assets Total Assets Consolidated Assets Assets Total Future Minimum Lease Payments, Due in Five Years Total Future Minimum Lease Payments, Due in Five Years Total Future Minimum Lease Payments, Due in Five Years Depositary Stock Liquidation Preference Depositary Stock Liquidation Preference Depositary Stock Liquidation Preference Guarantor Obligation [Table] Guarantor Obligation [Table] Auditor [Line Items] Auditor [Line Items] Capital expenditures Payments to Acquire Property, Plant, and Equipment Performance Share Details [Line Items] Performance Share Details [Line Items] Performance Share Details Other noncurrent liabilities Other Liabilities, Noncurrent Cost of energy Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization Forgone Recovery due to Violation of Home Country Law, Amount Forgone Recovery due to Violation of Home Country Law, Amount Capitalized Cloud Computing, Amortization Capitalized Cloud Computing, Amortization Capitalized Cloud Computing, Amortization 0.95% Notes Due 2025 0.95% Notes Due 2025 [Member] 0.95% Notes Due 2025 Investment Objective [Axis] Investment Objective [Axis] Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes Schedule of Effective Income Tax Rate Reconciliation [Table Text Block] Termination Date Trading Arrangement Termination Date Off-system Off-system [Member] Off-system [Member] Fair Value Assets And Liabilities Measured On Recurring Basis [Line Items] Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items] Other Liabilities, Future Minimum Payments Due, Next Twelve Months Other Liabilities, Future Minimum Payments Due, Next Twelve Months Other Liabilities, Future Minimum Payments Due, Next Twelve Months Operating Leases, Future Minimum Payments, Due in Two Years Lessee, Operating Lease, Liability, to be Paid, Year Two Equity Units Compenents [Axis] Equity Units Compenents [Axis] Equity Units Compenents Total Future Contractual Obligations, Due in Five Years Total Future Contractual Obligations, Due in Five Years Total Future Contractual Obligations, Due in Five Years Deferred Tax Assets Deferred Tax Assets, Gross [Abstract] Debt Instrument [Axis] Debt Instrument [Axis] Noncontrolling Interest [Abstract] Generation Retirement Units [Axis] Generation Retirement Units [Axis] Generation Retirement Units Revenue Recognition [Abstract] Revenue Recognition [Abstract] Asset Retirement Obligation, Period Increase (Decrease) Asset Retirement Obligation, Period Increase (Decrease) Net Income attributable to NiSource Net Income (Loss) Attributable to NiSource Net Income (Loss) Attributable to Parent Trading Arrangement: Trading Arrangement [Axis] Forward May 22 Forward May 22 [Member] Forward May 22 Interest Rate Swap Settled Interest Rate Swap Settled [Member] Interest Rate Swap Settled [Member] 2030-2034 Defined Benefit Plan, Expected Future Benefit Payment, after Year Five for Next Five Years Pay vs Performance Disclosure, Table Pay vs Performance [Table Text Block] 6.375% Notes due 2054 6.375% Notes due 2054 [Member] 6.375% Notes due 2054 Schedule Of Allocation of Plan Assets Schedule of Allocation of Plan Assets [Table Text Block] Equity Awards Adjustments, Excluding Value Reported in Compensation Table Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member] Entity File Number Entity File Number Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan Defined Benefit Plan, Assumptions [Table Text Block] Consolidated Entities [Domain] Consolidated Entities [Domain] Noncontrolling Interest in Consolidated Subsidiaries Noncontrolling Interest [Member] Income Statement [Abstract] Income Statement [Abstract] Entity Address, Address Line One Entity Address, Address Line One Federal Current Federal Tax Expense (Benefit) Debt-based post-in-service carrying charges Debt-based post-in-service carrying charges Debt-based post-in-service carrying charges Lessee, Operating Lease, Term of Contract Lessee, Operating Lease, Term of Contract Name Forgone Recovery, Individual Name Operating Lease, Weighted Average Remaining Lease Term Operating Lease, Weighted Average Remaining Lease Term Award Date [Domain] Award Date [Domain] Loss Contingency, Nature [Domain] Loss Contingency, Nature [Domain] Electric Utility Electric Utility [Member] Electric utility Investments In Debt And Equity Securities Investment, Policy [Policy Text Block] Award Timing MNPI Considered Award Timing MNPI Considered [Flag] Customer annual demand Customer annual demand Customer annual demand Schedule Of Expected Payments To Participants In Pension Plan Schedule of Expected Benefit Payments [Table Text Block] Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Percent Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Percent Gross decreases - tax positions in prior period Unrecognized Tax Benefits, Decrease Resulting from Prior Period Tax Positions Risk Management Liabilities Noncurrent Risk Management Liabilities Noncurrent [Member] Risk management liabilities (noncurrent). Lessee, Finance Lease, Term of Contract Lessee, Finance Lease, Term of Contract Outstanding Aggregate Erroneous Compensation Amount Outstanding Aggregate Erroneous Compensation Amount Schedule of Stock by Class - Preferred Schedule of Stock by Class [Table Text Block] Short-Term Money Markets Short Term Money Markets [Member] Short Term Money Markets [Member] PEO Actually Paid Compensation Amount PEO Actually Paid Compensation Amount Defined Benefit Plan, Benefit Obligation, (Increase) Decrease for Remeasurement due to Settlement Defined Benefit Plan, Benefit Obligation, (Increase) Decrease for Remeasurement due to Settlement Adjustment to Compensation: Adjustment to Compensation [Axis] Gas inventory Energy Related Inventory, Natural Gas in Storage Net income (loss) attributable to noncontrolling interest Net Income (Loss) Attributable to Noncontrolling Interest Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency Energy Commodity Contracts, Future Minimum Payments, Due in Two Years Energy Commodity Contracts, Future Minimum Payments, Due in Two Years Energy Commodity Contracts, Future Minimum Payments, Due in Two Years VIEs and Allocation of Earnings VIEs and Allocation of Earnings [Policy Text Block] VIEs and Allocation of Earnings Other regulatory assets Other Regulatory Assets Other Regulatory Assets Accumulated other comprehensive loss Accumulated Other Comprehensive Income (Loss), Net of Tax Restricted cash Restricted Cash and Cash Equivalents Pension Adjustments Service Cost Pension Adjustments Service Cost [Member] Redeemable Noncontrolling Interest, Equity, Other, Carrying Amount Redeemable Noncontrolling Interest, Equity, Other, Carrying Amount Related Party [Axis] Related and Nonrelated Parties [Axis] Average common shares outstanding - Basic Weighted Average Number of Shares Outstanding, Basic Stock Price or TSR Estimation Method Stock Price or TSR Estimation Method [Text Block] Preferred Stock, Redemption Amount Preferred Stock, Redemption Amount Other Comprehensive Income (Loss), Securities, Available-for-Sale, Unrealized Holding Gain (Loss) Arising During Period, Tax OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, Tax Document Information [Table] Document Information [Table] Total Stockholdersâ€™ Equity Beginning Balance Ending Balance Equity, Including Portion Attributable to Noncontrolling Interest Debt Securities, Available-for-Sale, Realized Gain (Loss) Debt Securities, Available-for-Sale, Realized Gain (Loss) Other Commitment, to be Paid, Year Three Other Commitment, to be Paid, Year Three Defined Benefit Plan, Plan Assets, Target Allocation, Percentage Defined Benefit Plan, Plan Assets, Target Allocation, Percentage Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years Name Awards Close in Time to MNPI Disclosures, Individual Name Year Ultimate Trend Reached Defined Benefit Plan, Year Health Care Cost Trend Rate Reaches Ultimate Trend Rate Retirement Plan Funding Status [Domain] Defined Benefit Plan, Funding Status [Domain] Issued: Stock Issued During Period Shares [Abstract] Stock issued during period shares. Entity Filer Category Entity Filer Category Beginning Balance Ending Balance Shares, Issued Amortization of regulatory liabilities, rate Amortization of regulatory liabilities, rate Effective Income Tax Rate Reconciliation, Nondeductible Expense, Depreciation, Percent Settlements Asset Retirement Obligation, Liabilities Settled Corporate Segment and Other Operating Segment Corporate Segment and Other Operating Segment [Member] Reasons Behind Differences in Computation of Total Income Taxes [Axis] Reasons Behind Differences in Computation of Total Income Taxes [Axis] Reasons Behind Differences in Computation of Total Income Taxes [Axis] Statistical Measurement [Domain] Statistical Measurement [Domain] Capital Expenditures Segment, Expenditure, Addition to Long-Lived Assets Gross Unrealized Losses Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Loss, before Tax Operating loss carryforward and investment credits Operating loss carryforward and investment credits [Member] Operating loss carryforward and investment credits Lease Cost Lease, Cost [Table Text Block] Derivatives, Fair Value [Line Items] Derivatives, Fair Value [Line Items] Interest Expense, Net Interest Income and Interest Expense Disclosure [Text Block] Fixed Income Debt Securities [Member] Director Director [Member] Prepayments and other current assets Increase Decrease In Prepayments And

Other Current Assets Increase decrease in prepayments and other current assets. Other accruals Other Liabilities, Current Commodity Contract Length Commodity Contract Length Commodity Contract Length Deferred Federal, State and Local, Tax Expense (Benefit) Deferred Federal, State and Local, Tax Expense (Benefit) Accounting Standards Update 2020-06 Accounting Standards Update 2020-06 [Member] Segment Reporting Information [Line Items] Segment Reporting Information [Line Items] Change in estimated cash flows Asset Retirement Obligation, Revision of Estimate All Trading Arrangements All Trading Arrangements [Member] Compensation Actually Paid vs. Net Income Compensation Actually Paid vs. Net Income [Text Block] Schedule of Earnings Per Share, Basic and Diluted Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Shares vesting period, (years) Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Variable Interest Entity, Primary Beneficiary Variable Interest Entity, Primary Beneficiary [Member] Rule 10b5-1 Arrangement Adopted Rule 10b5-1 Arrangement Adopted [Flag] Awards Close in Time to MNPI Disclosures Awards Close in Time to MNPI Disclosures [Table] Fair Value Disclosure [Line Items] Fair Value Disclosure [Line Items] Fair Value Disclosure [Line Items] Derivative [Line Items] Derivative [Line Items] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items] SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items] Cash paid for income taxes, net of refunds Income Taxes Paid, Net Debt Instrument, Convertible, Conversion Ratio Debt Instrument, Convertible, Conversion Ratio Cross default provision on default relating to any indebtedness Cross Default Provision On Default Relating To Any Indebtedness Cross default provision on default relating to any indebtedness Pay vs Performance Disclosure [Line Items] Unrecognized Pension Benefit And Other Postretirement Benefit Costs Unrecognized Pension Benefit And Other Postretirement Benefit Costs [Member] Unrecognized Pension Benefit And Other Postretirement Benefit Costs [Member] Receivables/Payables Receivables/Payables [Member] Receivables/Payables Peer Group Total Shareholder Return Amount Peer Group Total Shareholder Return Amount 5.95% Notes Due 2041 5.95% Notes Due 2041 [Member] 5.95% Notes Due 2041 [Member] Regulatory Matters Public Utilities Disclosure [Text Block] Derivative [Table] Derivative [Table] Schedule of interest and income taxes paid: Schedule of interest and income taxes paid [Abstract] Schedule of interest and income taxes paid [Abstract] Total Future Contractual Obligations Due, Next Twelve Months Total Future Contractual Obligations Due, Next Twelve Months Total Future Contractual Obligations Due, Next Twelve Months Series A Corporate Units Series A Corporate Units [Member] Series A Corporate Units Total Investments and Other Assets Investments and Other Noncurrent Assets Excess of replacement over LIFO value Excess of Replacement or Current Costs over Stated LIFO Value Deferred Deferred Income Tax Expense (Benefit), Continuing Operations [Abstract] Forward September 27 Forward September 27 [Member] Forward September 27 Schedule of Derivative Instruments in Statement of Financial Position, Fair Value Schedule of Derivative Instruments in Statement of Financial Position, Fair Value [Table Text Block] Interest Crediting Rates Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Weighted-Average Interest Crediting Rate Tax Credit Carryforward, Expiration Date Tax Credit Carryforward, Expiration Date Forward February 23 Forward February 23 [Member] Forward February 23 Proceeds from Issuance of Preferred Stock and Preference Stock Proceeds from Issuance of Preferred Stock and Preference Stock Other Performance Measure, Amount Other Performance Measure, Amount Rate of Compensation Increases Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Rate of Compensation Increase Goodwill [Line Items] Goodwill [Line Items] Lessee, Operating Leases Lessee, Operating Leases [Text Block] Common stock, shares outstanding Common Stock, Shares, Outstanding Documents Incorporated by Reference [Text Block] Documents Incorporated by Reference [Text Block] Operating lease cost Operating Lease, Cost Short-term Debt, Weighted Average Interest Rate, at Point in Time Short-Term Debt, Weighted Average Interest Rate, at Point in Time Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years Michael Jesanis [Member] Michael Jesanis Operating Lease, Liability, Noncurrent Operating Lease, Liability, Noncurrent Common stock available for awards, shares Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant Defined Benefit Plan, Benefit Obligation, Benefits Paid Defined Benefit Plan, Benefit Obligation, Benefits Paid Industry Sector [Domain] Industry Sector [Domain] Cash paid for interest on finance leases Finance Lease, Interest Expense Lease Maturity Lease Maturity [Table Text Block] [Table Text Block] for Lease Maturity [Table] Customer deposits and credits Contract with Customer, Liability, Current Regulatory Liabilities Schedule of Regulatory Liabilities [Table Text Block] Security interest and other subset of asset Security Interest And Other Subset Of Asset Security Interest And Other Subset Of Asset Number of customers Number Of Customers Number of customers Service cost Service Cost Defined Benefit Plan, Service Cost Preferred Stock, Liquidation Preference Per Share Preferred Stock, Liquidation Preference Per Share Entity Tax Identification Number Entity Tax Identification Number New Accounting Pronouncements and Changes in Accounting Principles [Abstract] Accounting Standards Update and Change in Accounting Principle [Abstract] Treasury Stock, Shares, Acquired Treasury Stock, Shares, Acquired Retirement Plan Type [Axis] Retirement Plan Type [Axis] Ultimate Trend Defined Benefit Plan, Ultimate Health Care Cost Trend Rate Decrease in Amortization of Regulatory Liabilities Decrease in Amortization of Regulatory Liabilities Decrease in Amortization of Regulatory Liabilities Rate of Compensation Increases Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Rate of Compensation Increase Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Other Change Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Other Change Treasury Stock, Common Treasury Stock, Common [Member] Taxes accrued Taxes Payable, Current Eliminations Intersegment Eliminations [Member] Asset retirement obligations Asset retirement obligations Beginning Balance Ending Balance Asset Retirement Obligations, Noncurrent Finance Leases, Future Minimum Payments Due Thereafter Finance Lease, Liability, to be Paid, after Year Five Public Utilities, Requested Rate Increase (Decrease), Percentage Public Utilities, Requested Rate Increase (Decrease), Percentage Equity Components [Axis] Equity Components [Axis] Finance Lease, Liability, Payment, Due Finance Leases, Future Minimum Payments Due Finance Lease, Liability, to be Paid Prepayments and other Other Assets, Current Renewable Energy Program Renewable Energy Program [Member] Energy Commodity Contracts, Future Minimum Payments, Due in Three Years Energy Commodity Contracts, Future Minimum Payments, Due in Three Years Energy Commodity Contracts, Future Minimum Payments, Due in Three Years Fair Value Debt Securities, Available-for-Sale ATM Program Stock Issued During Period, Shares, Other Columbia Of Massachusetts Columbia Of Massachusetts [Member] Columbia Of Massachusetts [Member] Unrecognized actuarial loss Defined Benefit Plan, Accumulated Other Comprehensive Income (Loss), Gain (Loss), before Tax Business Acquisition, Acquiree [Domain] Business Acquisition, Acquiree [Domain] Long-term Debt, Future Minimum Payments, Due in Four Years Long-term Debt, Future Minimum Payments, Due in Four Years Long-term Debt, Future Minimum Payments, Due in Four Years Commingled Funds Commingled Funds [Member] Commingled Funds [Member] Forward June 2021 Forward June 2021 [Member] Forward June 2021 Domestic Equities Domestic Equities [Member] Domestic Equities [Member] Safety Activity Costs Safety Activity Costs [Domain] Safety Activity Costs [Domain] Operating Leases, Future Minimum Payments, Due in Five Years Lessee, Operating Lease, Liability, to be Paid, Year Five Derivative, Nonmonetary Notional Amount Derivative, Nonmonetary Notional Amount Award Date [Axis] Award Date [Axis] Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table Aggregate Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table [Member] Other Liabilities Other Liabilities [Member] Preferred Stock, Dividend Rate, Initial Margin Plus 1.000% Preferred Stock, Dividend Rate, Initial Margin Plus 1.000% Preferred Stock, Dividend Rate, Initial Margin Plus 1.000% Lessee, Lease, Description [Line Items] Lessee, Lease, Description [Line Items] Fair Value Disclosure [Line Items] Debt Securities, Available-for-Sale [Line Items] Employee stock purchase plan Stock Issued During Period, Shares, Employee Stock Purchase Plans Unrecognized prior service cost Defined Benefit Plan, Accumulated Other Comprehensive (Income) Loss, Prior Service Cost (Credit), before Tax Pension and Other Postretirement Benefits [Abstract] Pension and Other Postretirement Benefits [Abstract] Pension and Other Postretirement Benefits [Abstract] Capitalized Cloud Computing, Gross Capitalized Cloud Computing, Gross Capitalized Cloud Computing, Gross Debt Securities, Available-for-sale, Unrealized Loss Position Debt Securities, Available-for-Sale, Unrealized Loss Position Write-offs charged against allowance Financing Receivable, Allowance for Credit Loss, Writeoff Cash, cash equivalents and restricted cash at beginning of period Cash, Cash Equivalents and Restricted Cash at End of Period Cash, Cash Equivalents, Restricted Cash and Restricted Cash Equivalents Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents Less: amortization of net actuarial (gain) loss Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, after Tax Debt, Weighted Average Interest Rate Debt, Weighted Average Interest Rate Deferred Income Tax Charge Deferred Income Tax Charge [Member] Unrecognized compensation cost related to nonvested awards Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Stock issuances: Stock Issued During Period Value [Abstract] Stock issued during period value. Current Assets Assets, Current [Abstract] Consolidation Items [Axis] Consolidation Items [Axis] Revolving credit percentage requirement in NIPSCO Revolving credit percentage requirement in NIPSCO Revolving credit percentage requirement in NIPSCO Shawn Anderson [Member] Shawn Anderson Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements Natural Gas Natural Gas [Member] Liability for estimated remediation costs Liability for Estimated Remediation Costs Liability for Estimated Remediation Costs Share-based Payment Arrangement, Noncash Expense [Abstract] Share-Based Payment Arrangement, Noncash Expense [Abstract] Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter Forgone Recovery due to Disqualification of Tax Benefits, Amount Forgone Recovery due to Disqualification of Tax Benefits, Amount Product and Service [Domain] Product and Service [Domain] Vested, Weighted Average Grant Date Fair Value Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value Fair Value Disclosures [Abstract] Fair Value Disclosures [Abstract] Remaining Amounts of Regulatory Assets for which No Return on Investment During Recovery Period is Provided Remaining Amounts of Regulatory Assets for which No Return on Investment During Recovery Period is Provided Medium-Term Note, Current Medium-Term Note, Current Preferred Stock, Shares Outstanding Preferred Stock, Shares Outstanding Security Exchange Name Security Exchange Name Debt Instrument, Basis Spread on Variable Rate Debt Instrument, Basis Spread on Variable Rate Related Party Transaction [Domain] Related Party Transaction [Domain] Recently Adopted Accounting Pronouncements [Table] Recently Adopted Accounting Pronouncements [Table] Recently Adopted Accounting Pronouncements Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost [Table Text Block] Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost State Current State and Local Tax Expense (Benefit) Equity Units [Member] Equity Units [Member] Equity Units Preferred Stock Depositary Shares Issued Preferred Stock Depositary Shares Issued Preferred Stock Depositary Shares Issued Short-term borrowings Short-Term Debt Financial Measurement [Domain] Financial Measurement [Domain] [Domain] for Financial Measurement [Axis] Forgone Recovery, Explanation of Impracticability Forgone Recovery, Explanation of Impracticability [Text Block] Other Commitment Other Commitment Debt Securities, Available-for-sale Debt Securities, Available-for-Sale [Table Text Block] Regulatory Assets and Liabilities Disclosure [Table] Regulatory Assets and Liabilities Disclosure [Table] Regulatory Assets and Liabilities Disclosure Right-of-Use Asset Obtained in Exchange for Finance Lease Liability Right-of-Use Asset Obtained in Exchange for Finance Lease Liability Goodwill and Intangible Assets Disclosure [Abstract] Goodwill and Intangible Assets Disclosure [Abstract] Redemption of preferred stock Payments for Repurchase of Redeemable Preferred Stock Common Stock, Shares, Issued Common Stock, Shares, Issued Interest paid to developer Interest paid to developer Interest paid to developer Other Assets Other Assets [Member] Retirement Plan Name [Domain] Retirement Plan Name [Domain] Other Postretirement Costs Deferred Pension and Other Postretirement Costs [Member] Deferred Pension and Other Postretirement Costs [Member] Entity [Domain] Entity [Domain] 2021 award 2021 award [Member] 2021 award Revolving credit facility, maximum Line of Credit Facility, Maximum Borrowing Capacity Accounts Receivable Transfer Program Accounts Receivable Transfer Program [Policy Text Block] Accounts receivable transfer program [Policy Text Block] Increase (Decrease) in Other Accrued Liabilities Increase (Decrease) in Other Accrued Liabilities Effective Income Tax Rate Reconciliation Tax Accrual Adjustments Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Amount Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Amount Derivative Liability Risk management liabilities Derivative Liability Accounts receivable securitization fees Securitization Transaction Fees Securitization transaction fees Long-term Purchase Commitment, Category of Item Purchased [Domain] Long-Term Purchase Commitment, Category of Item Purchased [Domain] Insider Trading Policies and Procedures Adopted Insider Trading Policies and Procedures Adopted [Flag] Accumulated Depreciation and Amortization Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment Proceeds [Domain] Proceeds [Domain] [Domain] for Proceeds [Axis] Schedule of Benefit Obligations in Excess of Fair Value of Plan Assets Defined Benefit Plan, Plan with Projected Benefit Obligation in Excess of Plan Assets [Table Text Block] Columbia of Pennsylvania COVID-19 Deferral Update Columbia of Pennsylvania COVID-19 Deferral Update Columbia of Pennsylvania COVID-19 Deferral Update Columbia of Maryland COVID Relief Funds Columbia of Maryland COVID Relief Funds Columbia of Maryland COVID Relief Funds Common stock, shares authorized Common Stock, Shares Authorized Other Ownership Interests, Name [Domain] Other Ownership Interests, Name [Domain] 0.95% Notes Due 2025 and 1.70% Notes Due 2031 [Member] 0.95% Notes Due 2025 and 1.70% Notes Due 2031 [Member] 0.95% Notes Due 2025 and 1.70% Notes Due 2031 Long-term Debt, Type [Axis] Long-Term Debt, Type [Axis] Other Commitment, to be Paid, Year Five Other Commitment, to be Paid, Year Five Schedule of Cash Flow, Supplemental Disclosures Schedule of Cash Flow, Supplemental Disclosures [Table Text Block] Entity Voluntary Filers Entity Voluntary Filers Intersegment Revenue Related Party [Member] Long-term Debt, Future Minimum Payments Due Long-term Debt, Future Minimum Payments Due Long-term Debt, Future Minimum Payments Due Lessee, Operating Lease, Renewal Term Lessee, Operating Lease, Renewal Term Recognized actuarial loss Defined Benefit Plan, Amortization of Gain (Loss) Statement of Financial Position Location, Balance [Axis] Statement of Financial Position Location, Balance [Axis] Interest expense, net Total Interest Expense, net Interest Expense, Nonoperating Total Deferred Deferred Income Tax Expense (Benefit) Shares contingently issuable under employee stock plans Incremental Common Shares Attributable to Dilutive Effect of Contingently Issuable Shares Property, Plant And Equipment Property, Plant and Equipment Disclosure [Text Block] Discount Rate Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Discount Rate Settlement loss Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Settlement Columbia Of Pennsylvania Columbia Of Pennsylvania [Member] Columbia of Pennsylvania. Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter Share-Based Payment Arrangement, Exercise of Option, Tax Benefit Share-Based Payment Arrangement, Exercise of Option, Tax Benefit Fair Value, Recurring Fair Value, Recurring [Member] International Multi-Strategy [Member] International Multi Strategy [Member] International Multi Strategy [Member] Accounts receivable, net Accounts Receivable, after Allowance for Credit Loss, Current Subsidiary, Ownership Percentage, Parent Subsidiary, Ownership Percentage, Parent Units 14 and 15 Units 14 and 15 [Member] Units 14 and 15 NiSource Corporate Services Ni Source Corporate Services [Member] NiSource corporate services. Assets acquired under a finance lease Noncash or Part Noncash Acquisition, Fixed Assets Acquired Other noncurrent liabilities and deferred credits Increase (Decrease) in Other Operating Liabilities Equity tax partner Equity tax partner [Member] Equity tax partner Loss on impairment of assets Asset Impairment Charges Total leased assets Total leased assets Total leased assets 5.00% Notes Due 2052 5.00% Notes Due 2052 [Member] 5.00% Notes Due 2052 Pension Adjustments Prior Service Cost Pension Adjustments Prior Service Cost [Member] Defined Benefit Plan, Plan Assets, Amount Fair value of plan assets at beginning of year Fair value of plan assets at end of year Defined Benefit Plan, Plan Assets, Amount Risk Management Activities [Abstract] Risk Management Activities [Abstract] Risk Management Activities [Abstract] Schedule Of Stock Offering Program Schedule Of Stock Offering Program [Table Text Block] Tabular disclosure of distribution of common stock made by the entity based on a contractual equity distribution agreement, including number of shares, share price and proceeds. Accounts receivable Accounts Receivable, before Allowance for Credit Loss, Current Schedule of Income Tax Expense Benefit [Table] Schedule of Income Tax Expense Benefit [Table] Schedule of COVID-19 Regulatory Impact Schedule of COVID-19 Regulatory Impact [Table Text Block] Schedule of COVID-19 Regulatory Impact Reasons Behind Differences in Computation of Total Income Taxes [Domain] Reasons Behind Differences in Computation of Total Income Taxes [Domain] [Domain] for Reasons Behind Differences in Computation of Total Income Taxes [Axis] Other Liabilities, Future Minimum Payments, Due in Three Years Other Liabilities, Future Minimum Payments, Due in Three Years Other Liabilities, Future Minimum Payments, Due in Three Years Commercial Paper Commercial Paper [Member] Pension Benefits Adjustments, Footnote Pension Benefits Adjustments, Footnote [Text Block] Total Shareholder Return Vs Peer Group Total Shareholder Return Vs Peer Group [Text Block] Unconsolidated affiliates Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax Document Annual Report Document Annual Report Finance Leases, Future Minimum Payments Due in Three Years Finance Lease,

Liability, to be Paid, Year Three Vested, Other Than Options Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period Interest on long-term debt Interest Expense, Long-Term Debt Additional Term Credit Second Term Credit Agreement Second Term Credit Agreement Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Amortization of Intangible Assets Amortization of Intangible Assets Schedule Of Principal Components Of Net Tax Expense [Axis] Schedule Of Principal Components Of Net Tax Expense [Axis] Forward September 30 Forward September 30 [Member] Forward September 30 Accounting Policies [Abstract] Deferred charges and other noncurrent assets Increase Decrease In Deferred Charges And Other Non Current Assets Increase decrease in deferred charges and other non current assets. Supplemental Cash Flow [Line Items] Supplemental Cash Flow [Line Items] Supplemental Cash Flow [Line Items] Fleet Lease Fleet Lease [Member] Fleet Lease Preferred dividends Preferred Stock Dividends, Income Statement Impact Wholesale Wholesale [Member] Wholesale Current Fiscal Year End Date Current Fiscal Year End Date Beginning Balance Ending Balance SEC Schedule, 12-09, Valuation Allowances and Reserves, Amount Lessee, Operating Lease, Liability, Undiscounted Excess Amount Lessee, Operating Lease, Liability, Undiscounted Excess Amount Regulatory Asset [Domain] Regulatory Asset [Domain] PEO Name PEO Name Long-term Debt, Current and Noncurrent [Abstract] Long-Term Debt, Current and Noncurrent [Abstract] Vesting [Axis] Vesting [Axis] Award Type [Domain] Award Type [Domain] Award Type [Domain] Long-term incentive plan Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture Compensation Actually Paid vs. Company Selected Measure Compensation Actually Paid vs. Company Selected Measure [Text Block] ATM Forward agreements Incremental Common Shares Attributable to Dilutive Effect of Equity Forward Agreements Noncurrent liabilities Liability, Defined Benefit Plan, Noncurrent Regulatory liabilities Regulatory Liability, Noncurrent Regulatory Liability, Noncurrent Non-PEO NEO Non-PEO NEO [Member] Deferred charges and other Deferred charges and other Deferred charges and other Recoveries of amounts previously written off Financing Receivable, Allowance for Credit Loss, Recovery Additional Paid-in Capital Additional Paid-in Capital [Member] Finance Lease, Liability, Noncurrent Finance Lease, Liability, Noncurrent Pension and Other Postretirement Benefits Retirement Benefits [Text Block] Class of Stock [Line Items] Class of Stock [Line Items] Other adjustments, value Effective Income Tax Rate Reconciliation, Other Adjustments, Amount Regulatory Liability [Axis] Regulatory Liability [Axis] Short-term Debt [Line Items] Short-Term Debt [Line Items] Series A Preferred Stock Series A Preferred Stock [Member] Class of Stock [Axis] Class of Stock [Axis] Title and Position [Domain] Title and Position [Domain] Finance Leases, Future Minimum Payments Due in Four Years Finance Lease, Liability, to be Paid, Year Four Name Measure Name Mutual Funds [Member] Mutual Funds [Member] Mutual Funds [Member] Entity Interactive Data Current Entity Interactive Data Current Other Commitments And Contingencies [Line Items] Other Commitments And Contingencies [Line Items] Other Commitments And Contingencies [Line Items] Operating Activities [Axis] Operating Activities [Axis] Sales of available-for-sale securities Proceeds from Sale of Debt Securities, Available-for-Sale Common Stock Aggregate Sale Price Common Stock Aggregate Sale Price Common Stock Aggregate Sale Price Proceeds from Contributed Capital Proceeds from Contributed Capital New Accounting Pronouncements or Change in Accounting Principle [Line Items] New Accounting Pronouncements or Change in Accounting Principle [Line Items] Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis [Table Text Block] Disaggregation of Revenue [Table] Disaggregation of Revenue [Table] NiSource NiSource [Member] NiSource [Member] Allowance for Credit Losses [Abstract] Allowance for Credit Losses Capital Units by Class [Axis] Capital Units by Class [Axis] Total Future Minimum Lease Payments Due Total Future Minimum Lease Payments Due Total Future Minimum Lease Payments Due State losses, net of federal benefit State losses, net of federal benefit [Member] State losses, net of federal benefit Maximum Length of Time Hedged in Interest Rate Cash Flow Hedge Maximum Length of Time Hedged in Interest Rate Cash Flow Hedge Stock compensation expense and 401(k) profit sharing contribution Share-Based Payment Arrangement, Noncash Expense Reserve For Accounts Receivable [Member] Reserve For Accounts Receivable [Member] Reserve For Accounts Receivable [Member] Deferred Tax Assets, Net of Valuation Allowance Deferred Tax Assets, Net of Valuation Allowance Postretirement Health Coverage [Member] Postretirement Health Coverage [Member] Total Cash Contributions Total Cash Contributions Total Cash Contributions Pension and OPEB Items Accumulated Defined Benefit Plans Adjustment Attributable to Parent [Member] Share-based Payment Arrangement, Tranche Two Share-Based Payment Arrangement, Tranche Two [Member] Other accruals Increase Decrease In Other Accruals Increase decrease in other accruals. Preferred Stock Redemption Premium Preferred Stock Redemption Premium Preferred Stock Redemption Premium Gas Peaker Capacity Gas Peaker Capacity Gas Peaker Capacity Debt Instrument, Interest Rate, Stated Percentage Interest rate on debt Debt Instrument, Interest Rate, Stated Percentage Corporate and Other Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Supplemental Cash Flow Information [Abstract] Supplemental Cash Flow Information [Abstract] Series C Preferred Stock Series C Preferred Stock [Member] Net Income Available to Common Shareholders - Diluted Net Income (Loss) Available to Common Stockholders, Diluted Columbia Operations Columbia Operations [Member] Columbia Operations [Member] Total Other Deductions, Net Nonoperating Income (Expense) Preferred Stock, Dividend Rate, Percentage Preferred Stock, Dividend Rate, Percentage Schedule of Valuation and Qualifying Accounts Disclosure SEC Schedule, 12-09, Schedule of Valuation and Qualifying Accounts Disclosure [Text Block] VIE Assets and Liabilities [Abstract] VIE Assets and Liabilities [Line Items] VIE Assets and Liabilities 2024 award 2024 award [Member] 2024 award Auditor Firm ID Auditor Firm ID MGP Sites Mgp Sites [Member] Effective Income Tax Rate Reconciliation, Percent Income Taxes, rate Effective Income Tax Rate Reconciliation, Percent Operating Income Operating Income Operating Income (Loss) Transfers Accounted for as Secured Borrowings, Associated Liabilities, Carrying Amount Transfers Accounted for as Secured Borrowings, Associated Liabilities, Carrying Amount Number of Reportable Segments Number of Reportable Segments Total Capitalization and Liabilities Liabilities and Equity Goodwill And Other Intangible Assets [Table] Goodwill And Other Intangible Assets [Table] Goodwill and other intangible assets Long-term Lease Liability Long-term Lease Liability Long-term Lease Liability Private Equity Private Equity [Member] Private Equity Rule 10b5-1 Arrangement Terminated Rule 10b5-1 Arrangement Terminated [Flag] Defined Benefit Plan, Fair Value of Plan Assets by Measurement [Axis] Fair Value Hierarchy and NAV [Axis] Fair Value Hierarchy and NAV [Axis] Net operating loss carryforward and AMT credit carryforward Deferred Tax Assets, Operating Loss Carryforwards, Foreign Gas Inventory Inventory Supplies, Policy [Policy Text Block] Risk Management Activities Derivative Instruments and Hedging Activities Disclosure [Text Block] Finance Leases, Future Minimum Payments Due in Two Years Finance Lease, Liability, to be Paid, Year Two Note Redeemed September 2020 [Member] Note Redeemed September 2020 [Member] Note Redeemed September 2020 Regulated Operations [Abstract] Performance Award Details Performance Award Details [Table Text Block] Performance Award Details Public Utilities, Requested Rate Increase (Decrease), Amount Public Utilities, Requested Rate Increase (Decrease), Amount Renewable Generation Assets Renewable Generation Assets [Member] Renewable Generation Assets Current portion of long-term debt Long-Term Debt and Lease Obligation, Current Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Line Items] Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Line Items] [Line Items] for Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table] Limited Partners' Contributed Capital Limited Partners' Contributed Capital Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Right-of-Use Asset Obtained in Exchange for Operating Lease Liability Industry Sector [Axis] Industry Sector [Axis] Equity costs, premiums and other debt related costs Payment of Financing and Stock Issuance Costs Underlying Security Market Price Change Underlying Security Market Price Change, Percent Expected return on assets Defined Benefit Plan, Expected Return (Loss) on Plan Assets Equity Units Equity Units [Table Text Block] Equity Units Tax Credit Carryforward, Name [Domain] Tax Credit Carryforward, Name [Domain] Individual: Individual [Axis] Asset retirement obligations Asset Retirement Obligation, Current Accumulated Other Comprehensive Loss AOCI Attributable to Parent [Member] Regulatory Assets Schedule of Regulatory Assets [Table Text Block] Other than Temporary Impairment Losses, Investments Other than Temporary Impairment Losses, Investments Product and Service [Axis] Product and Service [Axis] Property, Plant and Equipment [Line Items] Property, Plant and Equipment [Line Items] Statement [Line Items] Statement [Line Items] Electric Operations Electric Operations [Member] Electric Operations. Overrecovered Gas And Fuel Costs Overrecovered Gas And Fuel Costs [Member] Overrecovered Gas And Fuel Costs [Member] Common Utility Common Utility [Member] Common utility Electric production fuel, at average cost Energy Related Inventory, Coal Operating Expenses Operating Expenses [Abstract] Units Not Retired Units Not Retired [Member] Units Not Retired Benefits paid Defined Benefit Plan, Plan Assets, Benefits Paid Schedule Of Property, Plant And Equipment Property, Plant and Equipment [Table Text Block] Compensation Actually Paid vs. Total Shareholder Return Compensation Actually Paid vs. Total Shareholder Return [Text Block] Regulatory Assets and Liabilities Disclosure [Abstract] Regulatory Assets and Liabilities Disclosure [Abstract] Energy Commodity Contracts, Future Minimum Payments, Due Thereafter Energy Commodity Contracts, Future Minimum Payments, Due Thereafter Energy Commodity Contracts, Future Minimum Payments, Due Thereafter Customer Assistance Programs Customer Assistance Programs [Member] Customer Assistance Programs NIPSCO Gas Distribution NIPSCO Gas Distribution [Member] NIPSCO Gas Distribution Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net Minimum Minimum [Member] Reasonably possible remediation costs variance from reserve Reasonably possible remediation costs variance from reserve Allowance for Credit Loss Financing Receivable, Allowance for Credit Loss Adoption Date Trading Arrangement Adoption Date Columbia Of Kentucky Columbia Of Kentucky [Member] Columbia Of Kentucky [Member] Dunns Bridge I Dunns Bridge I [Member] Dunns Bridge I Columbia Of Maryland Columbia Of Maryland [Member] Columbia Of Maryland [Member] Variable Interest Entity [Line Items] Variable Interest Entity [Line Items] Plant Public Utilities, Property, Plant and Equipment, Plant in Service Segments [Axis] Segments [Axis] Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member] Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent Tax expense (benefit) at statutory federal income tax rate, rate Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent Derivative Instrument [Axis] Derivative Instrument [Axis] Accretion recorded as a regulatory asset Accretion Recorded As Regulatory Asset Or Liability Accretion Recorded As Regulatory Asset Or Liability Regulatory Matters COVID [Table] Regulatory Matters COVID [Table] Regulatory Matters COVID [Table] Long-term Debt, Excluding Current Maturities Long-term debt (including current portion), Carrying Amount Long-Term Debt, Gross Exercise Price Award Exercise Price Other Interest Expense, Other Schedule Of Principal Components Of Net Deferred Tax Liability Schedule of Deferred Tax Assets and Liabilities [Table Text Block] Trend for Next Year Defined Benefit Plan, Health Care Cost Trend Rate Assumed, Next Fiscal Year Postretirement and postemployment benefits Increase (Decrease) in Employee Related Liabilities Arrangement Duration Trading Arrangement Duration Other Nonoperating Income [Table] Other Nonoperating Income [Table] Other Nonoperating Income Termination Loans Termination Loans Gas Distribution Utility Gas Distribution Utility [Member] Gas distribution utility Operating Loss Carryforwards Offset for net operating loss carryforwards Operating Loss Carryforwards Lessee, Finance Leases Lessee, Finance Leases [Text Block] Goodwill And Other Intangible Assets Goodwill and Intangible Assets Disclosure [Text Block] Variable Interest Entity [Table] Variable Interest Entity [Table] Accounting For Exchange And Balancing Arrangements Of Natural Gas Accounting For Exchange And Balancing Arrangements Of Natural Gas [Policy Text Block] Accounting for exchange and balancing arrangements of natural gas [Policy Text Block] Stockholders' Equity Equity, Attributable to Parent [Abstract] Domestic Tax Jurisdiction Domestic Tax Jurisdiction [Member] 4.375% Notes due 2047 4.375% Notes due 2047 [Member] 4.375% Notes due 2047 [Member] Derivative Asset, Statement of Financial Position [Extensible Enumeration] Derivative Asset, Statement of Financial Position [Extensible Enumeration] Material Terms of Trading Arrangement Material Terms of Trading Arrangement [Text Block] Issuance of short term credit agreements Proceeds from Short-Term Debt, Maturing in More than Three Months Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag Finance Lease, Liability Finance Lease, Liability All Individuals All Individuals [Member] Business Combination, Price of Acquisition, Expected Business Combination, Price of Acquisition, Expected Obligation to the Developer Obligation to the Developer Obligation to the Developer Purchase And Service Obligations [Domain] Purchase And Service Obligations [Domain] Purchase And Service Obligations [Domain] Income Tax Disclosure [Abstract] Income Tax Disclosure [Abstract] Other, net Total Other, net Other Nonoperating Income (Expense) Document Information, Document [Axis] Document Information, Document [Axis] Due To Brokers Net [Member] Due To Brokers Net [Member] Due To Brokers Net [Member] Other Postretirement Benefits Other Postretirement Benefits Plan [Member] Intangible Assets, Net (Excluding Goodwill) Intangible Assets, Net (Excluding Goodwill) Statement of Stockholders' Equity [Abstract] Statement of Stockholders' Equity [Abstract] Loss (gain) on sale of assets, net Gain (Loss) on Sale of Assets and Asset Impairment Charges Preferred Stock, Dividends Per Share, Declared Preferred Stock, Dividends Per Share, Declared Preferred stock Dividends, Preferred Stock, Cash Gross Unrealized Gains Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain, before Tax CVI CVI [Member] CVI [Member] Net Income (Loss) from Continuing Operations Available to Common Shareholders, Basic Net Income (Loss) from Continuing Operations Available to Common Shareholders, Basic Total Operating Expenses Operating Costs and Expenses Columbia Of Ohio Columbia Of Ohio [Member] Columbia of Ohio. Proceeds [Axis] Proceeds [Axis] Proceeds [Axis] Operation and maintenance O&M Utilities Operating Expense, Maintenance and Operations Current liabilities Liability, Defined Benefit Plan, Current Lease Maturity [Table] Lease Maturity [Table] Lease Maturity [Table] 2019 Award 2019 Award [Member] 2019 Award [Member] Business Acquisition, Transaction Costs Business Acquisition, Transaction Costs External Revenue Related and Nonrelated Parties [Domain] Preferred Stock Shares Redeemed Preferred Stock Shares Redeemed Stock Redeemed or Called During Period, Shares Preferred Stock, Dividend Rate, Initial Margin Preferred Stock, Dividend Rate, Initial Margin Preferred Stock, Dividend Rate, Initial Margin Total Other Liabilities(1) Liabilities, Noncurrent Liabilities, Noncurrent Auditor [Abstract] Auditor [Abstract] Auditor Long-term Purchase Commitment [Line Items] Long-Term Purchase Commitment [Line Items] Equity Units [Table] Equity Units [Table] Equity Units Increase (Decrease) in Tax Expense Increase (Decrease) in Tax Expense Increase (Decrease) in Tax Expense HLBV Adjustments under ASC 980 HLBV Adjustments under ASC 980 [Member] HLBV Adjustments under ASC 980 Guarantor Obligations, Current Carrying Value Guarantor Obligations, Current Carrying Value Deferred income taxes Deferred Income Tax Liabilities, Net Income Amounts Attributable to Noncontrolling Interest, Disclosures [Abstract] Regulatory Effects Of Accounting For Income Taxes Regulatory Effects Of Accounting For Income Taxes [Member] Regulatory Effects Of Accounting For Income Taxes [Member] 5.35% Notes Due 2034 5.35% Notes Due 2034 [Member] 5.35% Notes Due 2034 Retirement Plan Sponsor Location [Axis] Retirement Plan Sponsor Location [Axis] Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Amount Employee stock ownership plan dividends and other compensation, value Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Amount Excess Tax Expense - Share Based Compensation Excess Tax Expense - Share Based Compensation Excess Tax Expense - Share Based Compensation Unrecognized pension and OPEB benefit (costs) Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax Deferred Federal Income Tax Expense (Benefit) Federal Deferred Federal Income Tax Expense (Benefit) Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net Customer Accounts Receivable Customer Accounts Receivable [Table Text Block] Tabular disclosure of customer accounts receivable [Table Text Block] Impairment of Intangible Assets, Finite-lived Impairment of Intangible Assets, Finite-Lived Payments of Stock Issuance Costs Payments of Stock Issuance Costs Other Commitments And Contingencies Commitments and Contingencies Disclosure [Text Block] Measure: Measure [Axis] Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent Long-term incentive plan Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture Gross increases - current period tax positions Unrecognized Tax Benefits, Increase Resulting from Current Period Tax Positions Preferred Stock, Shares Authorized Preferred Stock, Shares Authorized Stock Issued During Period, Shares, New Issues Stock Issued During Period, Shares, New Issues 2025 Defined Benefit Plan, Expected Future Benefit Payment, Year One Other Asset Retirement Obligation, Other Asset Retirement Obligation, Other Capitalized Computer Software, Gross Capitalized Computer Software, Gross Underfunded Plan [Member] Defined Benefit Plan, Overfunded Plan [Member] Exchange gas payable Exchange gas payable Exchange gas payable Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Unfunded Commitments Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Unfunded Commitments Unrecognized Tax Benefits, Income Tax Penalties Accrued Unrecognized Tax Benefits, Income Tax Penalties Accrued Entity Emerging Growth Company Entity Emerging Growth Company Preferred Stock Shares Redeemed Preferred Stock Shares Redeemed Preferred Stock Shares Redeemed Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List] Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration] Limit of GCA Volumes Limit of GCA Volumes Limit of GCA Volumes Net Process from Sale Net Process from Sale Net

Process from Sale Lessee, Lease, Description [Table] Lessee, Lease, Description [Table] Non-GAAP Measure Description Non-GAAP Measure Description [Text Block] Tax Equity Partners Cash Contribution Tax Equity Partners Cash Contribution Tax Equity Partners Cash Contribution Regulatory Assets and Liabilities Disclosure [Line Items] Regulatory Assets and Liabilities Disclosure [Line Items] Regulatory Assets and Liabilities Disclosure Asset sale covenant percentage of consolidated total assets Asset sale covenant percentage of consolidated total assets Asset sale covenant percentage of consolidated total assets Total Operating Revenues Total Operating Revenues Operating Revenues Regulated Operating Revenue Total Future Contractual Obligations Due Total Future Contractual Obligations Due Total Future Contractual Obligations Due Real Estate Real Estate And Private Equity And Hedge Funds [Member] Real Estate And Private Equity And Hedge Funds [Member] Finance Lease, Right-of-Use Asset Finance Lease, Right-of-Use Asset, after Accumulated Amortization Preferred Stock, Par or Stated Value Per Share Preferred Stock, Par or Stated Value Per Share Equity Component Equity Component [Domain] Net amount recognized at end of year Defined Benefit Plan, Amounts for Asset (Liability) Recognized in Statement of Financial Position Accounting Standards Update [Extensible Enumeration] Accounting Standards Update [Extensible Enumeration] Forward August 2021 Forward August 2021 [Member] Forward August 2021 5.40% Notes Due 2033 5.40% Notes Due 2033 [Member] 5.40% Notes Due 2033 Additional 402(v) Disclosure Additional 402(v) Disclosure [Text Block] Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax Lease Type [Domain] Lease Type [Domain] [Domain] for Lease Type [Axis] Entity Shell Company Entity Shell Company Entity Incorporation, State or Country Code Entity Incorporation, State or Country Code 2028 Defined Benefit Plan, Expected Future Benefit Payment, Year Four Purchase Contract Liability Purchase Contract Liability Purchase Contract Liability Advanced deposits for project costs Payments For Advanced Deposits for Project Costs Payments For Advanced Deposits for Project Costs Non-Utility And Other Non Utility And Other [Member] Non utility and other SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain] SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain] Debt Instrument, Repurchased Face Amount Debt Instrument, Repurchased Face Amount Standby Letters of Credit Standby Letters of Credit [Member] Federal production tax credits Federal production tax credits [Member] Federal production tax credits Goodwill And Other Intangible Assets [Line Items] Goodwill And Other Intangible Assets [Line Items] Goodwill and other intangible assets Statement [Table] Statement [Table] Regulatory assets/liabilities Increase (Decrease) in Regulatory Assets and Liabilities Measurement Frequency [Domain] Measurement Frequency [Domain] Nature of Operations and Summary of Significant Accounting Policies Significant Accounting Policies [Text Block] Variable Interest Entities Assets and Liabilities Schedule of Variable Interest Entities [Table Text Block] Consolidation Items [Domain] Consolidation Items [Domain] Real Estate [Member] Real Estate [Member] Income Attributable to noncontrolling [Line Items] Income Attributable to noncontrolling [Line Items] Income Attributable to noncontrolling [Line Items] Recently Adopted Accounting Pronouncements [Abstract] Recently Adopted Accounting Pronouncements 5.25% Notes Due 2043 5.25% Notes Due 2043 [Member] 5.25% Notes Due 2043 [Member] Consolidated Variable Interest Entities Consolidated Variable Interest Entities [Member] Consolidated Variable Interest Entities Derivative Asset, Subject to Master Netting Arrangement, after Offset Derivative Asset, Subject to Master Netting Arrangement, after Offset Forward Contract Indexed to Issuer's Equity [Line Items] Forward Contract Indexed to Issuer's Equity [Line Items] Cash paid for interest on debt, net of interest capitalized amounts Interest Paid, Excluding Capitalized Interest, Operating Activities Employee stock ownership plan dividends and other compensation, rate Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Percent Pipeline Service Agreements [Member] Pipeline Service Agreements [Member] Pipeline Service Agreements Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] Fair Value, Inputs, Level 1 [Member] Regulatory Matters COVID [Line Items] Regulatory Matters COVID [Line Items] Regulatory Matters COVID [Line Items] Earnings Per Share [Line Items] Earnings Per Share [Line Items] Earnings Per Share Total Current Assets Current assets Assets, Current Long-term Debt, Future Minimum Payments, Due in Five Years Long-term Debt, Future Minimum Payments, Due in Five Years Long-term Debt, Future Minimum Payments, Due in Five Years Statement of Cash Flows [Abstract] Statement of Cash Flows [Abstract] Senior Notes Senior Notes [Member] Capitalization Capitalization, Long-Term Debt and Equity [Abstract] Total Future Minimum Lease Payments, Due in Four Years Total Future Minimum Lease Payments, Due in Four Years Total Future Minimum Lease Payments, Due in Four Years Schedule of Long-term Debt Instruments [Table] Schedule of Long-term Debt Instruments [Table] Schedule of Long-Term Debt Instruments [Table] Gas Distribution Operations Gas Distribution Operations [Member] Gas Distribution Operations [Member] Employer contributions Defined Benefit Plan, Plan Assets, Contributions by Employer Adjustments for New Accounting Pronouncements [Axis] Accounting Standards Update [Axis] Interest Rate Cash Flow Hedge Gain (Loss) to be Reclassified During Next 12 Months, Net Interest Rate Cash Flow Hedge Gain (Loss) to be Reclassified During Next 12 Months, Net Accumulated Other Comprehensive Income (Loss) [Table] Accumulated Other Comprehensive Income (Loss) [Table] Transfers between Fair Value Hierarchies Transfers between Fair Value Hierarchies Transfers between Fair Value Hierarchies Entity Well-known Seasoned Issuer Entity Well-known Seasoned Issuer Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability DefinedBenefitPlanRecognizedInAccumulatedOtherComprehensiveIncomeNetGainsOrLossesBeforeIncomeTaxOrRegulatoryAssetsOrLiabilities Defined Benefit Plan Recognized In Accumulated Other Comprehensive Income Net Gains Or Losses Before Income Tax Or Regulatory Assets Or Liabilities Income Taxes Income Tax Disclosure [Text Block] Reserve For Other Investments [Member] Reserve For Other Investments [Member] Reserve For Other Investments [Member] Operating Leases, Future Minimum Payments, Due in Four Years Lessee, Operating Lease, Liability, to be Paid, Year Four Income Attributable to noncontrolling [Table] Income Attributable to noncontrolling [Table] Income Attributable to noncontrolling Fines and penalties, value Effective Income Tax Rate Reconciliation, Nondeductible Expense, Amount 6.26% Notes Due 2028 [Member] 6.26% Notes Due 2028 [Member] 6.26% Notes Due 2028 Cash Contributions Noncontrolling Interest [Table] Cash Contributions Noncontrolling Interest [Table] Cash Contributions Noncontrolling Interest Energy Commodity Contracts, Future Minimum Payments, Due in Four Years Energy Commodity Contracts, Future Minimum Payments, Due in Four Years Energy Commodity Contracts, Future Minimum Payments, Due in Four Years Office Lease Office [Member] Office [Member] Accrued Investment Income Dividends [Member] Accrued Investment Income Dividends [Member] Accrued Investment Income Dividends [Member] Net Proceeds Net Proceeds [Member] Net Proceeds [Member] Change in Accounting Principle, Accounting Standards Update, Adoption Date Change in Accounting Principle, Accounting Standards Update, Adoption Date Preferred redemption premium Redemption Premium Organization, Consolidation and Presentation of Financial Statements [Abstract] Organization, Consolidation and Presentation of Financial Statements [Abstract] Operating Lease, Weighted Average Discount Rate, Percent Operating Lease, Weighted Average Discount Rate, Percent Net Cash Flows (used for) from Financing Activities Net Cash Provided by (Used in) Financing Activities Derivative, Gain on Derivative Derivative, Gain on Derivative Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years Accounting Standards Update 2021-01 Accounting Standards Update 2021-01 [Member] Credit Facility [Axis] Credit Facility [Axis] Exchange gas receivable Exchange gas receivable Exchange gas receivable. Equity Units Compenents [Domain] Equity Units Compenents [Domain] Equity Units Compenents [Domain] Loss Contingencies by Nature of Contingency [Axis] Loss Contingency Nature [Axis] Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Amount Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Amount Long-term debt (including current portion), Estimated Fair Value Long-Term Debt, Fair Value Off-Systems sales sharing Off-Systems sales sharing [Member] Off-Systems sales sharing Entity Registrant Name Entity Registrant Name Leases Leases of Lessee Disclosure [Text Block] Adjustment to Non-PEO NEO Compensation Footnote Adjustment to Non-PEO NEO Compensation Footnote [Text Block] Depreciation and amortization Depreciation, Depletion and Amortization Other revenues Regulated Operating Revenue, Other Private Equity and Real Estate Limited Partnerships Private Equity and Real Estate Limited Partnerships [Member] Private Equity and Real Estate Limited Partnerships State Deferred State and Local Income Tax Expense (Benefit) Fair Value as of Grant Date Award Grant Date Fair Value Noncurrent assets Assets for Plan Benefits, Defined Benefit Plan Significant Other Observable Inputs (Level 2) [Member] Fair Value, Inputs, Level 2 [Member] Risk Management Assets Noncurrent Risk Management Assets Noncurrent [Member] Risk management assets noncurrent. Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months Disaggregation of Revenue Disaggregation of Revenue [Table Text Block] Common stock Stock Issued During Period, Value, New Issues Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided Environmental Costs Environmental Restoration Costs [Member] Company Structure And Principles Of Consolidation Consolidation, Policy [Policy Text Block] Restatement Determination Date: Restatement Determination Date [Axis] Title of 12(b) Security Title of 12(b) Security Common stock - $0.01 par value, 750,000,000 shares authorized; 469,822,472 and 447,381,671 shares outstanding, respectively Common Stock, Value, Issued Document Financial Statement Error Correction [Flag] Document Financial Statement Error Correction [Flag] Finance Lease, Interest Payment on Liability Finance Lease, Interest Payment on Liability Expected contribution Defined Benefit Plan, Expected Future Employer Contributions, Next Fiscal Year Asset Retirement Obligation Asset Retirement Obligation Obligations to renewable generation asset developer Obligations to renewable generation asset developer Obligations to renewable generation asset developer Finance Lease, Liability, Current, Statement of Financial Position [Extensible List] Finance Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] Regulatory assets Regulatory Assets, Noncurrent Regulatory Asset, Noncurrent Long Term Purchase Commitment Expiration Year Long Term Purchase Commitment Expiration Year Long term purchase commitment expiration year Short-term Debt [Abstract] Short-Term Debt [Abstract] Regulated Operations [Line Items] Regulated Operations [Line Items] Regulated Operations [Line Items] State income taxes, net of federal income tax benefit, rate Effective Income Tax Rate Reconciliation, State and Local Income Taxes, Percent Regulatory liabilities Regulatory Liability, Current Regulatory Liability, Current Other, net Deferred Tax Assets, Other ATM Program Equity Remaining Available for Issuance ATM Program Equity Remaining Available for Issuance ATM Program Equity Remaining Available for Issuance Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years Schedule Of Fair Value and Changes In The Fair Value Of The Plan Assets Schedule Of Fair Value And Changes In Fair Value Of Pension Plan Assets [Table Text Block] Schedule Of Fair Value and Changes in Fair Value Of Pension Plan Assets [Table Text Block] Plant and Equipment Associated with Schahfer Generating Station Retirement Plant and Equipment Associated with Schahfer Generating Station Retirement Plant and Equipment Associated with Schahfer Generating Station Retirement Financing Activities Net Cash Provided by (Used in) Financing Activities [Abstract] 2029 Defined Benefit Plan, Expected Future Benefit Payment, Year Five Estimated benefits paid by incurred subsidy Defined Benefit Plan, Estimated Benefits Paid By Incurred Subsidy Defined Benefit Plan, Estimated Benefits Paid By Incurred Subsidy State income taxes, net of federal income tax benefit, value Effective Income Tax Rate Reconciliation, State and Local Income Taxes, Amount Regulatory Liabilities Regulatory Liability Operating Lease, Liability, Current, Statement of Financial Position [Extensible List] Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration] 5.65% Notes Due 2045 5.65% Notes Due 2045 [Member] 5.65% Notes Due 2045 [Member] Preferred Stock, Per Share Amounts of Preferred Dividends in Arrears Preferred Stock, Per Share Amounts of Preferred Dividends in Arrears 5.89% Notes Due 2025 5.89% Notes Due 2025 [Member] 5.89% Notes Due 2025 [Member] Total Deferred Tax Liabilities Deferred Tax Liabilities, Gross DSM Program DSM Program [Member] DSM Program [Member] Basic Earnings Per Share Earnings Per Share, Basic Issuance of common stock, net of issuance costs Proceeds from Issuance of Common Stock Operating Lease, Payments Operating Lease, Payments Cash/Other [Member] Cash and Cash Equivalents [Member] Award Timing MNPI Disclosure Award Timing MNPI Disclosure [Text Block] Contractual Obligation Contractual Obligation Columbia Of Virginia Columbia Of Virginia [Member] Columbia of Virginia. Ownership [Domain] Ownership [Domain] Capital expenditures included in current liabilities Capital Expenditures Incurred but Not yet Paid Aggregate Pension Adjustments Service Cost Aggregate Pension Adjustments Service Cost [Member] Goodwill [Table] Goodwill [Table] Schedule of Income Tax Expense [Domain] Schedule of Income Tax Expense [Domain] [Domain] for Schedule of Income Tax Expense [Axis] Cost of removal Payments for Removal Costs Proceeds from Debt, Net of Issuance Costs Proceeds from Debt, Net of Issuance Costs Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years Total Current Liabilities Current liabilities Liabilities, Current Interest on short-term borrowings Interest Expense, Short-Term Borrowings Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years Line of Credit Facility, Amount Outstanding Long-Term Line of Credit Undivided Beneficial Ownership Interest, Percent Undivided Beneficial Ownership Interest, Percent Undivided Beneficial Ownership Interest, Percent Shares granted Granted, Other Than Options Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Contribution from noncontrolling interest Noncontrolling Interest, Increase from Subsidiary Equity Issuance Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter Environmental liabilities Deferred Tax Assets, Other Accrued Liabilities Environmental Deferred Tax Assets, Other Accrued Liabilities, Environmental U.S. Treasury debt securities Government US Treasury and Government [Member] Net actuarial (gain)/loss Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, after Tax Proceeds from Legal Settlements Proceeds from Legal Settlements Mortgages/ Asset backed securities Mortgages/ Asset backed securities [Member] Mortgages/ Asset backed securities Financing Receivable, Allowance for Credit Loss [Line Items] Financing Receivable, Allowance for Credit Loss [Line Items] Discount rate - service cost Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Discount Rate Operating Activities [Domain] Operating Activities [Domain] Repayment of short term credit agreements Repayments of Short-Term Debt Share-Based Compensation Share-Based Payment Arrangement [Text Block] Dividends paid - preferred stock Payments of Ordinary Dividends, Preferred Stock and Preference Stock Retired coal generating stations Retired coal generating stations [Member] Retired coal generating stations Entity Address, City or Town Entity Address, City or Town Proceeds from issuance of long-term debt Proceeds from Issuance of Long-Term Debt Reserve for Deferred Charges and Other Reserve for Deferred Charges and Other [Member] Reserve for Deferred Charges and Other Percentage of total asset Defined Benefit Plan Target Allocation Percentage Of Total Assets Defined Benefit Plan Target Allocation Percentage Of Total Assets Carrying Amount And Estimated Fair Values Of Financial Instruments Schedule of Carrying Values and Estimated Fair Values of Debt Instruments [Table Text Block] Partner Type [Axis] Partner Type [Axis] 3.95% Notes Due 2048 3.95% Notes Due 2048 [Member] 3.95% Notes Due 2048 [Domain] Stock-based employee compensation expense Share-Based Payment Arrangement, Expense Supplemental Cashflow SupplementalCashflow [Domain] [Domain] for SupplementalCashflow [Axis] Property, Plant and Equipment Public Utilities, Property, Plant and Equipment [Abstract] Accumulated Other Comprehensive Loss Comprehensive Income (Loss) Note [Text Block] United States Equities United States Equities [Member] United States Equities [Member] Forfeited, Other Than Options Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period Forward November 2022 Forward November 2022 [Member] Forward November 2022 Lease Information Lease Information [Table Text Block] [Table Text Block] for Lease Information [Table] Business Acquisition [Axis] Business Acquisition [Axis] Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member] 4.45% Notes Due 2021 4.45% Notes Due 2021 [Member] 4.45% Notes Due 2021 [Member] Financing Receivable, Allowance for Credit Loss [Table] Financing Receivable, Allowance for Credit Loss [Table] Series B Preferred Stock Series B Preferred Stock [Member] Relative Total Shareholder Return Relative Total Shareholder Return [Member] Relative Total Shareholder Return Revenue from Contract with Customer Revenue from Contract with Customer [Text Block] Document Fiscal Year Focus Document Fiscal Year Focus Treasury Stock, Value, Acquired, Cost Method Treasury Stock, Value, Acquired, Cost Method Debt Instrument, Name [Domain] Debt Instrument, Name [Domain] Total Assets, Fair Value Disclosure Document Period End Date Document Period End Date Other Nonoperating Expense Provision for Other Losses 6.25% Notes Due 2040 6.25% Notes Due 2040 [Member] 6.25% Notes Due 2040 [Member] Contributions from NIPSCO minority interest holders Proceeds from Noncontrolling Interests Finance Lease, Liability, Current Finance Lease, Liability, Current Lessee, Operating Lease, Liability, Payments, Due Operating Leases, Future Minimum Payments Due Lessee, Operating Lease, Liability, to be Paid Schedule Of Reconciliation Of The Plan Funded Status Schedule of Net Funded Status [Table Text Block] Shares nonvested Nonvested, Other Than Options Nonvested, Other Than Options Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number Insider Trading Arrangements [Line Items] At The Market Program At The Market Program [Member] At The Market Program [Member] Defined Benefit Plans and Other Postretirement Benefit

Plans Table Text Block [Line Items] Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items] Other Current Assets Other Current Assets [Member] Operating Leases, Future Minimum Payments, Due in Three Years Lessee, Operating Lease, Liability, to be Paid, Year Three Defined Benefit Plan, Accumulated Benefit Obligation Defined Benefit Plan, Accumulated Benefit Obligation Schedule Of Principal Components Of Net Tax Expense [Domain] Schedule Of Principal Components Of Net Tax Expense [Domain] [Domain] for Schedule Of Principal Components Of Net Tax Expense [Axis] Retirement Plan Funding Status [Axis] Defined Benefit Plan, Funding Status [Axis] Noncontrolling Interest Cash Contributions Noncontrolling Interest Cash Contributions [Table Text Block] Noncontrolling Interest Cash Contributions Document Transition Report Document Transition Report Schedule of Unrecognized Tax Benefits Roll Forward Schedule of Unrecognized Tax Benefits Roll Forward [Table Text Block] Effective Income Tax Rate Reconciliation, Tax Credit, Percent Effective Income Tax Rate Reconciliation, Tax Credit, Percent Redeemable Noncontrolling Interest Redeemable Noncontrolling Interest [Table Text Block] Utilization expense of operating loss carryforwards Utilization expense of operating loss carryforwards [Member] Utilization expense of operating loss carryforwards Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Table] Fair Value, Recurring and Nonrecurring [Table] Customer [Domain] Customer [Domain] Entity Current Reporting Status Entity Current Reporting Status Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability Change in Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability Retained Deficit Retained Earnings [Member] Subsidiary, Ownership Percentage, Noncontrolling Owner Subsidiary, Ownership Percentage, Noncontrolling Owner 2022 award 2022 award [Member] 2022 award Accrual for Environmental Loss Contingencies, Gross Accrual for Environmental Loss Contingencies, Gross Other Commitment, to be Paid, after Year Five Other Commitment, to be Paid, after Year Five Restricted Stock Units (RSUs) Restricted Stock Units (RSUs) [Member] Executive Category: Executive Category [Axis] Medium-Term Note Medium-Term Note [Member] Contributions from tax equity partners Contributions From Tax Equity Partners Contributions From Tax Equity Partners Schedule Of Components Of Income Tax Expense Schedule of Components of Income Tax Expense (Benefit) [Table Text Block] Indiana Crossroads Wind Indiana Crossroads Wind [Member] Indiana Crossroads Wind Purchases of available-for-sale securities Payments to Acquire Debt Securities, Available-for-Sale Net unrealized gain (loss) on cash flow hedges Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent Company Selected Measure Name Company Selected Measure Name Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value EX-101.PRE 15 nix-20241231_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE DOCUMENT GRAPHIC 16 image_0.jpg begin 644 image_0.jpg
MB5!.1PT*&@H -24A$4@ !F8 $-" , B\"H^ # %!,5$7___\(M" @0$!
8&!@A(2$Q,3$Y.3E"0D)*2DI24E):6EIC8V-K:VMSWN$A(2, MC(R4E)2WM[GY^?O[^_W]_< M M M M M M M M M M M M M M M M M # P,", MV6@] !
'123E/____ M____ M____
M____ M____ M____\ 4_<' M)0
%B2T=$_Z4'\L4 " 241!5'B<[5V)=NHJ%(U3K4T=JUYKK?__E^\9 M,A@2A@-A ['L===[]W802(!]YI/]EY#PP'&WW^1YOGA@?A=C4GQSE>>?^]TA
M]'03$A)&@RST!!*"XM_W/E\M%A)B46&^>,\W^Z_0"TA(2(@=B6;^*A[*R\=W M=MM,+2B&HYNW?)N4FX2$!"D2S?P]'+?YV^S!#P<')%-C\?Z9N"8A(4&$1#-_ M"J?]QV+">&%YS&
[;B2.2J;DFWX=>8$)"0G1(-/-G<%RO&N?^\IS].M-D.E23 MM)J$A(0V+&DF#X0/$W'YX&[#&:9.QPVR[(=]Y43 M-Q2[L_,LN^D^Z)9E'[J?V3P&>W_\?V[U;OHX?'*19/GU03(03>:)Q#0)"0DU
M[&AFB[VD%%@8S-(F3%>&[>/J;]/6C!OIP+XV?_S,4C/]QX_HIK6L*>W#ZMUT ML%_-VA\^W5ZAFLP3D_=D/4M(2/C/EF96'JXIR>5E,$NGE^GQH:JT".*=&VE3 M?
O':57EZ>"@\F6:@Z4/AN3!E8V/U;MHX\!SS()F;)Y)AF&].^CDF)"2\..QH MQJ6>8 CZ)].QYU>'CSS-#5]W[.K0DDC Y&/@(A(2$D8/.YKQ>E7QH,< ;-P.O"BT#,DTJ@BNU4-7F4E^
MO<1WEFD,CH5U;LW^9J*X]7#:=$O&S!\4]Z/U"[G',A%-0L+?AA7-N-43S$!W M+1\<&X<*@U>S$(,0IU1SFGPC%3 MF^:LXYE[BDR1)A.,9!Z8Y,E'DY#P=V%%,^_!+JS'34V>Y>9Q9;LEFDL32L;/
MXK/^@:W&P[_1A3R?6\%]J=B'!I[QGMLO#DDR!68IO3DCXL["B&;=*@AG(IJ0] MBZO*CIH08Q,P78,MG@\":VAWH3&*_=-$ &SZ3DV&L I[UD*\VMPDBDP3Y:S MA(0_"BN:"7E=S?33*U&H&
(QHSNZ(IJ 1%FS,IX0\]8>;.J0Y4T< %(Z9)LJ MO- G^I0Z7<=!,@],AL=G)R0DC!$V-+/7WRE 4&=9JAB,:"[.[MEU%0; C71Z M?O^893_RW]8H.T]EJ8!)O8-R&KTP,K;X.$BFP%ORT"0D_$78T$R J-
@6J+GE MM8HQ<7K7'EB\,6^Y:]'N6NGC+[ZKJ/)RY@+5#", ^N:R65PD\\ LU05(2/B# ML*&9MZ!W%3%QIJ5BE$3CIHQ7D:69O?,4T*+==>9/U(D(15"S_Z&W&Q:F9U=3? M=!W_LZ\L,I*Y)\-90L*?A
W-J#,0T2!6^N(L>\QZY*;*2I&E^J"(#",=,NO&E0GOG4]?<4:3(N(Q]"!,IG&O+* MRT4>TOQ/'@%0.&9NG*)%#,KJJ#+QD\P]\4Q"PA^#!R71K&T3:7CO4)=VNTZ6!FMI!,"VKF'S!*5"Z&?KYUF:
MS$A(YD&)J-_"9^>[1UFJ_U$6ZURH M.5U#FU[>;QO,YJ,BF;M1N'9"0L+(84XSH2, 2,6^])8]1C2_6YM44]ZUT.V* ML):%-/^VNV^VP!PS76N:5MQO16:S-)DQDHYH2$/P-CF@G9H+D"P=Y"_["*:
P"&WBW0K\K0BXN7?8MC "8 M7C-1)S3U$NM6.B,FF?M]DKK/)"3\#1C33 27FCX*R\BRES/G!CV1A@^H[FMW M\TSHZQ<'.A_%/ZR\@AG+E&DRHR69>RK6G)#P5V!*,X'+,S/H[R?#QFO+BFAH
MB31\$-AOW^!V$84T%U'+??9CCIF^*4W9H+E@F?GA=^0DD]29A(2_ E.:B2 " M@% 3R[CQ6DDTI$0:/@CL(F")'=<%LT*1@MEC/^:8$<0%J%;X7I!,-GJ2N2=U
M)B'AC\"49L(V:"ZACVBVR(8IB>973S3\Z-^]_/VRX'\O=/DLB !@CAE1D4^% M>_S]OCR^!,D0HK83$A)> :8T$[9!\3NEXL]M67*Z)1
M)=+PCNL)XXK.@.N^NU\0Y;P0,53Y'=G"KJ]$,G=B3X>$A(1QPY!F C=HKJ!+ MG!E2=DU'-'P0V*&R?/$C+OI1RH=>$B9SS B+G$D+?GVS, 6;,FR1(J5H)B3\ M 1C23. &S14^-+,
<9MFKB$:22,.7@=D\Z**(7[[R'I9;KQ# 3^\KC)[$>HG$ M9W$I2,:V>T&42%:SA(0_ $.:"5Z>F4%3WG=PXS45T? ">*&@+&X]O\NQ:TB;
M%IS"_8C(V%9#;!3\]VHD<]>DH28D)+P$#&DF]+540B,$.VB\5@4-"Q)I>(,= MTT9663>".>_&GZVZ3+3H_X>IP,F9D:P][[80J_^M$!R[O]"&,#L^CN +UTCM M !(27A]F-!-
!>68&=2"LLV$JHFE'$//B=UTWDS7 ;"=:[CIUEXM/:6DCPFR; M!B)+TND5=9D[J:E#0D+"N&%&,[$D;.Q4DW19=JTFFJ8Y)1\$UM N<[6THI,+
M7\S/\Y_%MZ_\/T7EFBN(_.)QQ%ZX1VJBF9#P\C"CF="74@UEOH7;QFLUT52) M-'P0V#.%9T/'A=+ \9[^]%3E)-XT5!OLO(2%AE#"AF8@R!!5Q ML$#+WHP/I.YU13BWTF'6K9#F?
T]FR56QS*R6VD]W09&47@#!8/\E)"2,$B8T M$T=Y9@9%'"S2PL0[K'NTRR*5*U/9O!72_ P.6'3S.%O(RVXRU^Z"7C5EIH3! M_DM(2!@E3&@FHOM.'@<+;;S&#]LW9I4L4CZG:Z/"/,,!.N%HW$=?
JVBVME_CU MI,TD)+PZ#&A&&AX5 /(X6*1ECZ\GS Q@UW7'T7*I%99IXZ>Y5>:SMDFM]:%? MV9-D^J7Q\4'DDY6XC=I#L)!UJG:(1#,)":\. YJ)*JY6.DODH+RI[KMDAT[K
M,Y:ER9K/7"HE9EXERI2.F0Y9UWF?C6+4*<\,]\S,)!VA2QS@MK-D-$M(>'48 MT$Q$$0!R(1@:_=MIT%P[5'ZW['08T [YOS" 3@J&N#-ZX-']Z[ML=:891:)M0D+"2X!.,W$%ULJD M<&CC-
7ZHXBO3)]$\E;UCY>FODC4+X]J^=,RT8YGS2Y]D>J4DL7WDWBEW/#@[ME+S_$A(21@HZS413GIE!UD0>*7L+RS-/U]:'R3Z9'L-<->P+59>)DVF3S)=5P4RFGE.]HH@
MW_QV9"PLN#3#-0/<$"8F$<:67B M!6^!IM$0S>]V.FG8I<9U>E]J2*:3F0-5(/6AS V^@-/0Y>TD)"2,'F2:B:9! M@&>.:^=<>PF/=' UPTTCQS D)KP\JS415GIE!8&[Q M6)[YJN<,"W!#0+UA)GL$&-
LJQF4D)#P.J#2#.ZFL87 NW!X6_)8;S=;R9^O M_F?Y(]84^$,6AXB "ZBG[A*)_WO*%_K=MF#R1X1=)5VA11HEI#P^B#2C',] M85I==WGK,CQ*K]"S0'GX[L\2'?;V3COH?'@5.F!41:
<9+1_H>$SV4D^9/3TT1.+'WFX*LSAS:=#7DYO[M M/#<$..;LY7<:X+?'U$\4SVBS_5OWZV&_S?/58K$0I^].'M]YS_-M8IT$-;[J MC22V:!<;Z2W/-[L1Q>GO]I]Y_K98B"L7SAXKRO//H0LBTDQE[D:?
Y/B!L9?Z6[U-*3\(#QVW^-N#Z6ZP^HSMJ^\^5]=F8O]NLAT@S M]H\9A]XDH8W7>![1P"@N\A-7<6W>=O3FK;S=[7KV)R?ST<"_6BQGO^"?&. M/':2DWC/Q6H;R7$[;-X=J
R+#T.JH=%,;.69&7JS])AH@H\ @->0H_>;&1%. M6WLY38CI^^85G].X<=J\"^2(R=NG2]_:/G>[D^:KK#PZ88T&29O)C(8 MC6;B:M!H_LHSGQ LPT< (!=38OYJHOK!\<70/*A/1T_JL$!@HQEU/T>,
MRM^9.6 $V7HV"@ELMG+RJHZ?$"EO\A9,9GDPL_L\//K!H-%,;.69&;K"@=C9[XK;<<@UI!-C[6DR%R0MEK4".T1-NF 932D-GO_ Q*L)W M*US,\4/WFA=#72&'%5+$>]-)!0 FS0+)*HEN>*0\Y%
M,^9Y/^VE>(IYG=M_ZQ,-%V/LRTPY'[_KP0?',$R6 U4:R TVTXT*T?)X$D (M17V:.9&=KY;OZ8CGF!)$'6 X3F".*?&FY742S417GIFANP^1MPU_E@5=$9XD M4PI<[)_-?V['XF\;[@=[IC..-E?
Q?"8O(=V30[! 6HKZV&0^H>1UG3=MC&1 M\7PQ.H10U"MWEY/?M)9YA6]GXS-K8^:#:+;>G!TZ2R6)9N(KSUR@NYG\E6?N MT6[#'8?*0K%EMC-F.%NR_S M9LG_\"]/--
S&\UJJ],$TH]1I3I_^K;D#3/\8 M:4WG8,,4\.!O2<1UUK&)[PU(0)"YK<-QZ;MO(YIH3KG7P[%06@))-!-?>68& M?
I+0QFO\GN^H&D^2J8_"@OUSSLB&*39K9D2[5=]OG#C95^OP<._)^_VY'@OV[+NT)4 M)=%,; V:*_!;W6.#9HYV:Y*Y;9N].F6N_O6]B'L^W]?LOTRIN=0_\22:AIIX MUD0N1H;9F)2:?
4#91RVY2>'#%^]IU DW!,0:V#YR!S,>,Y0#-L$BG% Y!6$. MAR)RE4(ST35HKL#O)J@W@[]^6]]XDDR+BQF'/)Y:P3;;4K6Y,[;)GH;RZ?;& M$PWG:D*7FI%BGH\B^&P36,%>V?"Q!U^\ (A!.Z-")+S=_-
-73]&+R<)FKL'K11A #>.#9M$F@?1;J4+CPQ??!R8RGB=9 MB(17?[BAP>RNC[U[8AO!5G*;)!W2ELP@]M!0:";TS&7P9V;B=T+I7:M)YMR5 MY2ZE8Z8,-RN\,07=?
#_^/[V56DX;3Z+AKO488ONF4;IJ@I^C!J8*C0]??!\8 M5S"_,1#6P#J.=&/^X=1[.Y:MI/*=F^$80;D6H;^)0C.A)RX#IQQ#&Z_Q9[G0
M2AN2Z>4E;RO'3)D[PQH<%U\I3@OSTIP[/U]_$C=$##138+Z*RU43PSEZ0F>P MXN'!%R^ AY10B.^VDB%M#@+-#$5/]H3#415;LW \&":"YT^@F2C+,S.T9^FQ M//-#!ZFHX= O?
K',&I7E5OMBCO5?F-=&G'7#=0&(RDX9CZOF!"WT8 &C2"'(M#'01)B44#XQ!6+A+1=F=:I);^,SIO!9T(=!,/,IE%ZV81ZAE MCS>.E"3SNQ/NU&/MF"E5EQO[6Q%R]E-
^_]S*TFQCQE_C,>V9"O,\K%)C''#D M!^1<;A^^^#XP^I\BC1%$449/,_"8VY:SW$O0T$V=Y9H:6[NZQ//-O=EU+ M[KQ%.Y;L7Z/7,,99MWZD'Q;7*= 6)\T46+CJ\66$2%49!B+/O%!Y9CXQ!2/A
M[:VO3MW^C"6\IH,!/!.5GZD"OQH]S<0; =#V1"*O(3Z:Y]]5ND]99DQ64T25 MG%F@B NHZ3KO9&F6Z,3ZGTB--0)AMO)M/HM6E6$@\8P/7WP?F (>_&;%6 -E MDIP6FMB[8W2"?PW;>+,X13">-?
4T$UMT3PLM9Y^_!LT*VMT]'3/WNL9,B5OK M[[LV%]7HQ/K?!)'2,<%O]X#X3.D*#P3)@+ 1U%HC#706K!01P#$++!08A<$ M&RO2%7&LJ:>9*+FR0C/)"!HT5UG_C?RX;N?(')^:3?F/3I9FM]K?
39B2$Q6\ M,4V\\F<# L_X\,7WX2,E-++7HV3>N 46FP)G\<8!MS5M/+L;+&F3>&?3_^U=@3YEFK M"T 9!K!K_VY77UX?9$4&(L-D"2X3$*G#M@.]_]:#+UX Q* >&C0/@=S#66
M&8>IH7LF;D5_\@S&T-),G V:*S3"-$Y,F7[PB9/2VFGKMF/F7D8 /"UC%^Y? MJVZ69C?6/V\ZTD1/-/?9"A=[%E%%$#5T_EL?OO@^?!2%CLQW*X^]B]6)T899
M^:)#Y"MZ2D%:FHE:FFR,F:CG713KY\O R&JG+3C'3!E<=GW^<\?SRKI3K+EK MW"^>^GSW.Q*BN<]!^32VJ1,!H+GQ,=*:SB>$*?3'6THC,]M(8^^@10^=P<0V
M$/^*UO54M303M3FS/MN@\LQE1QA>FYX5G:9=NO_RPPP[#L9,L<^"S-KLVE MW$&3[3A\-/?"30,(?,.B5$S_+W">U M]*FEF= S5:*V$D.>>'W)?W//0T*[AVZ4\I$WH14AS3^M?
[(P@(9W>K'^M<%[MNBY+VYSC#I%A6)#KKA Q*I9I6Z(%"-.@&:(,\ILU-M^M1!T8B_&57KQH%"NJ M]0 =S03K%DQ"O>,!E_!D6YNL^ 5)H/)CD+FUGT52<)4(IB$)&?-D&S0,@?
A"CN),9M'4=QK6B2O;2 MT4SDFEDU2^>RXK0BF<."5%F#<08GUTV;NID5\BX/+5OZ3S]@GOO5\VB(YO[N M+!P@\ITG@$(030V:/4',]2.YDQEHZLQ85E0)Z3J:B7PYE8KL^%.GE;F,E57B
MS[(X&^K22[A<=E-CIETB*BLXE[_43S_AB7/Y]XAF?"SSM$3[6LW+EF>VAY!Y M([_$>)#4F?&LJ+P-=#03>:A/V0K K=16^61NFW+MO'0A?+_;?OF83=;M7_:@ MHE_^UPY-,DW_9NZ: 9?'\1#-
T@'1C)!E5-J%#U]\'Y@@,)Y,(4/80Z0+C.=. M9B $FXUH1:4ZHZ.9T+/4H%3@719S>B.YE!5PYU M9"MB9T)#,[&E^':QHLH:+):Y&W!SX](Q"\Q[^DU9GB87 M;BQ1 ,_\\#L6HAD8##!2EKDO90N"C*:
[CS!E8/@$H=C>5/\IC.I.9M =G1&< M_Q8^BBEK:";>PFPERJ@75U);Y9/A[G%]90U1)4R^N$R)WUXA,U9UYK80ELP3 MRK\3P00CQ6Q N;/81&0Z).I,*L_L"?W8N]AXD !9ZL\X5\2T7PW-1);BVP-;
M@R.IK;)*=5)4^+,L<*KF?<=,&>"\ZWSMT%-PRE_^GHBLL9(8[;-5 M:,:5+\-!HLZ$*<^,V2/\J)'Y;GO,.[([F4&=HAE;!+D6A;RIH9GHB\T5DW0B M*]8DTTVXUU766+3S7YZ_E?
5;EZTZ=5*#AL)_\%3Y[!MT&S M/3H7]&ET=S+#^C\I1KBB(LY?33/Q*VA%1/-@6;$F&<$%-^6>1Y]/=@+'S)U% M %Q[7SSS]6:J :[9C_#9*TFD3*2Y1=^+96X>[2[%#EFRG+-?4I: M"U2IH0H<<.'+
[X/C%N"7U]D,D'G M?HXL/H$,>:3Z*%?TKJ.9R%)\!X=.!4Z9@2591@6 H?- M ^\7\VE1;ZKM/3# MYAUA4)!5W@:M:)%OJ\UTW'^ZEQPF.IJ)W2;#(AB'R(KE57U=2Z]J=66-LU!K M*4UI
I:XBG]:\O#U1@\-148"DP[GXW-PK)H_0 (!)1$%4]B!P1X4ISPP9 ME1>T8_/=6DE+!++3S>WZ'TT9)X9I>FY@[[5 M+)5G]@3NM$+VTD(8.NG_A=GSKBW@K[)(G3>+*6VBF0T#A!5
M90W6F4S(Q,M^79GR-X2_(,\N(3Y_ED@3M8^&V.(S>1#U]\'Y@@,'ZS1N:[;9]6B*(EDY><"Q*B09RO2!6>"(&ZRG MNGGPQ0L "0+3I9&%1>NT(B*M%;9?UT]"<%Q5@GXQ"=;4<;
[GDQDTD6A1=W$::;!H:X' M^!_09#87FY=P/-,Q1H0IS^QCU,A\M_3BC"9*7JC_N?\KNR]7=5L-04DR!LJ@M++&0NZ8*2E(<@)7_7HSFNJ2AJZG.4NDB9)HU'R*BC*3 ML@Q.C,I]#*,K2HHI \./
1G"'LUI10@0NHO9[6A= YUC%E,<"LR@"IJ)+<5W M*!C)7(PLCKQ#X6G 8@TSI;+<49B%6:*GZ&CK[)K>OY-8B6:JVMNHRK,JGQ"J M>UKG1GK9\LRQ=9]K7C5@[ZM-9L[?$74\D_N]'
%S6"LNV%@0S+RRAJY MPC%3)F%*XT+66?;+?4%79_<_J^,<)]'(-0N48*P^4"ANXP9)#9H]H3ZM",5X MIK4R.=8WN,\V"@320ZL)UW 7:Z:@FC&29AROB-R;PYV$I*"9:%/]#&%_X4KB:BXJQTP9
2#_[J5C;B.];ZM2=K;D M"H1,G?%RW_>!\C[NVH/X\,7WX:$H=&R^V^IE0Y09W>.&THSC%6EKKC;H]_JU MA9QF8DOQM41A/K*M]\5KRO7+WBD=,RRCYB+_[HZWMVG324K8E0!G)75B(AJ9
M.@-RDFC]7B!)*H>/H=TVB$%5:601H#JM"#V.X,P THQCXR2]T: /;2:V(M]6 M*$G&\J3S,DSM/E@J'3-WUJ!9(08L>5V'6%3ROY/=-IY'1C1B=084S*RO/ "R MU;5O)1^^^#Y\%
(6.S'<[PSUO;9B9^ZV$VT%$P;: #YJ)K,BW#0J2,4F3Z8"/ MYJGNPJG:,2,N*-/&C?/_#Z*))9%.+!:"E!F]# IZ+.V-@Y'6 M=-L&0]Q\AF)DOMOJH9N&^5! :62!HQG'*S+H9NO#:!;+S62-@233C:NIJ..H
M=LP(,S Y'#EEAQC!7L!6*6&)-,91=A@("SZBE!F]# J*E6H;EUZW/'-D#9K+ MTPI1'BF'U+'%X/G!CE=$T5F='7A$;13/M>@@R0&C3WP28%*29!,C.Y'?+I%G:](ETM MO#;
<5>"6T@RTD^$#2)6[N%.'NR-X(88Q>]$P\Z:)6M.J.Y=6O1EJ/NYS&M9R M:GZ.@6@$ZENH,+/_*+ M*R+.2,;!U8_R\P#OU-E7I98Z'PWA56MN7Q,9(L*>VO^7,9 -+T5H^092MPF MGF9\^.+
[P)2!"5.>>;*HH#[2Y6E%B"RD:L;NO.4,3YIQK,R0%E/#79"'E&;0 M0; ;5'C1-;MMG4R>UY4+VEVIRLC4XRN3,PO,L^RG_CO!L-/'WOKU+X_!B<9/ M;TEB10T\S?CPQ?>!"0+CI7K($#QFJTW'^W[:[3?
Y^T)P=[#3"B%UDBCH>.0% MZ',IM:V><,\#3CP1BT'#?[2Q7D>E^FR^X,W! /6U: ME([CG=18?%VOB)Z;^9]+#I#1##K%=P+([IIN;]DU=Z9EH7GT'AOC%18?CX;6RU@?O@-2C2=A:!F0M(348:?
YPB0C]=M&TP9&-[9!?;= MSBA^]^.#:^I?*/X-H3Y::)9CK;5V@SE?$6DQ%1QR@(QFT$6^%\XER0DC&7>? MUZNLL=4[9NXL D#G=LJ;6#3C"(VCKFET%H\J7!$P\M3J,)8- *'T\SKEF>& M-FB>&-
AV]HQJV&F%6"AI[E/'.ZE^PZY79!39ZI #9#2#3O'-'9^%R?8W^^?T MI?!G^8/Y]O5S7K;#E268-LT C%18 0XK.Z5ZNOD)1C0?W I09BM:KC.<9L*4 M9\8\5'Y4I.]V;NJRW.?
%^\:TQJ.E,SH>%%4&=/Z1T^'P%C@C1"H?4:[M'%!%R)_;!O+QNL7Y2 F%#%'")(.P#8@=CZ86NU;*=\ 5A8"$9N!%OD\.-VKA MDSDX/]"\1#7YHCAFF-]%;T_=5GJ1014[%8YKJ\7GUR!$P^GM*!
<@T>D%&OUY M([]L@V:@[];:D@QA5YI:[/IQ5()$/#5O!T)",^@4W^*D./JHPM, J$'+,MS1+@>4,#7##J#;-I@R M,((T,@BL60:S;)K]SO7C0*XH!"0T@[Y\"FG3B? QV?[>=@C2Y^7AKQO%,7-G
M$0"$=?UD6:$9&06Q:[%]-V>:$$33FC+&FGZGVLQ0(GFCL/GPQ??AKD9(&SQS MPWRW]J(7A/F(!@?' 1$+X(J"0$(SZ!3?3S<[=?H@F8U=RS(=>*&*YIAA$0 W MPH\=RG
T@_+,-.Q7QE::^<$WT;16C;(]$R\'E,[>T(P/7WP?/HI"HWQJ ^S(M$ L3L1^4X_OR#;BB()#0#+I!9UH6BZJ]*# M8W^DY# //O---*TGBY*)B887U*H;F@E3GADR*F]$1ID;]9WHI,!8F(BQH ;Q
M6Q24HXZ[>C$',F0SC MX+/B4?HCFETS45B@"5%-1.5^-")P:M!LB %F9(R%R7X^P_$Z-C,)S6"LNT^P MDS)HJ\YWOV?DS.&K^^+5^W03.&H(N
M'&LVIW!^N'WYL%GR#X3Z6^''#\ETHWFH<37S!W=01\BR M;_A.Y4"O?/8@EVAJ+36IEZI03,_!F2(J7@]-(3I4HK$"X4SW_*DFOAA :.U\>=ERS.' MR0=2 7-EH?*GPZTH$/X3T0PZ J Y*>3?
F!_^>6W"95E9XQ^I;F:)^0]ZHTI! M"SZ;?EPPIK.:9M#*A XPXW?=DPKRX3JO-(8\^6<:QAJH0A@W&!*OY)J9"6D& M6,*%H3DIQ(MF<0#G8O9'M'OCU.1,!GS6C *TX+/\&T$T]13'"S>,-5)R(P<-;>-
:$6!L!'1#+R63E/\6"MY+5W?<43PY9FI]]&. M6L>Y0-]_ 0A^&RYV[ID^OH61@DS5+\M/ (@E6_;E4*6LO,FP6Y[Z M8&';?(M%&Y\C)$R-4B1>J*!9H0L+: 8=./P*4K*7AZ\MZFOP>OO MY#V<91?
Z&"'W< _'7,/G\[VS3MB5U(J^Y;6 ^5B/R 7JXALP%R[_3#'60%I? M;9_O,F20#CI#WB<60IKQT:"YA,+(&Y!DNF>9NH>7!LF981.,!3CI'O=TZXAH M*JD5]GJIEP-
JF]>J\.N69X:8.P<9DOWH."\M0.,WRGJ8X"U@"O22<;X=+LM5@H2, X&D[MD _7KL[#J&&L@?[?9E(%A<\O5 >;E^_<,^10[J@T6G[;QN@V8?F3EFP! ?MKFM&NA+V"O^ M$]&,EP;-%?
H[=IF'MTK:5=:8%@TQR0BYA^6@6/;?AKVAZO7# C:I#Q9EE:T- M3#Y\\7U@R--'>6:3;=H%AOB&Q"0,14#'M',4@F6?9M#7_$;Y-,.33#<(C.I4 M71HE9P8M-
2/%"=^6M'JXL)9B5*DXE6>F@[]P(4,,,B)#5CVH*L%0A#;HN$2A M"_=I!CUJ^Z3$F83$WU34FW=KDIPYJ.@Y$'AEO7JX,'&-N%!XLYLPE>D]%(6. M,!42*>![FRQM&DF;0[J\JH/=W_?K1 M+
<5T@/%I+45!/CQ,@V;>B!QA*B1D1D&]IY 5!4)Q(GHTXZE!<\2/T[*RQM6D M;F:]AZ^WA3'F^]LMI_ZPZ?%%IX75_(JB&6I<+&J==?C(ZY9GCB\5$D.N(;VG M<8K?
=F""98]FO)5G9@A33$:)*=\\F5I98YIE!E=+[53]H3>H:0UUR2[4JC:F MAP5M-8.&^][I,BAJX]7COU)Y9G[4^/I48B@]I/"'9A@V:,9;^69&2)T M=1UYFC%HT&P@(=>?_FL2-M!@?B/7&S"-
$T5O\'H^J,\G5L:"B8OU^L(49/$1 M! 898I C!!-.,F1&0_%*%Z9YU=N!E2Q=ZM2=W,)C/G M9F)I>V))[@9MNL%-&F=;H)9:8=?\%VV9J'/<>,M?
MD%S?.69,3I&#P'QDYA@"XBT*6D$]:*DMQV!Z19=FO#5H+A%;Q^OI M);O939!NQ[H_/13;/,OL#LDANU'XR5@F]-,'9& >N]46@4-W]C,PA1DP5B/ M^"B2^,HS8TR%0XK?
#$:$O@1;E">R2S/^RC,SQ.;KVF4WN[B:.=F,5:"^C?)) MEEF:J2ZDK@/&@=-@,:.^3E!:+)%642S7Z.H^?/%]^"@*'<8:J 3DS@K:0]UY MF,7[?KW!5DAE66+>UB%!YJB<%NKS_][7[.?]QF>I_> M*
1E;//&JNN-LH&B&:*I ^42;(8/4Y#%0SW\"!LT8^XLHGYEGH] R3]POIK0 MM:TZ- -OT-P='SV>$>:W;&M966-G4C>SD;D7A9/%4CY<4/H.&-,,5LQH-$44 MS1#7BPJG; 3_U*#9",,L5)
IT89V_3AVH!6%K,]6H$,SL%)3%7HG)2HKY#D[M=V9(]K?\,PD9:X1>(EF(D6-T&S6&L@4I E#C:P7&MM5:C.D]>"QHV M5Z!#,Z[7UT7OI,23[SJ],H7$KK)&GF7T
]@X58L#LC+IN=G!8\H:N=DPH!E, M^L\;"T4SI%6B;&9/13B,S.\A""R,-5 -2$8QK1:@Z]NKNGR<$V?0L+D"/,WX M;-!<(IZ(YD/I7>&G1_]E2GAQA>;N+VAM:A0)W?VDFT:),J,9L#+3FDQ0FD'9
MS)Z'&?+Q8 MYCM:QM5\FZ2_- HY4QZ.=O5FJH_*;NJM;K09P,G'K=LD*,V R/1I^L'(3KH: M)BJI[SU*(PU4 W(TR9-R;5N5U.Z:_TL> 1 AV;0)<8$%D_PB%3,*[V U]_) M<35&\6*-I,1^9VW2IZ:'K4:-
,CG!X)(,[00,$,V0SA-JF4\6Q4AK.GSZ/=<[R#5Q!JW/QL#3#+I%LB#>-)(^<9(H9 MS* 93S-H?_Q4, %TI@X)R[H0I65EC8,VLKB%;D#2+OLVFRV/
MQ4V9I4GMS@1G&8X"0&^=0C.@JFV39Z(U2%K;J=>%4=)XAY"/S!QC((QF) 7+ M]=-HV,#U/1P\T(RG&<_EF1EB2)R9-@%;_/8B"X@_)M%BW>R1E64S@!K+[*KX
M_25M'\!9AM_KH+=.N!U0T70MD1PDK:DO"Y"29I=&9H:!?2H1CYM$,Z[M_AE.C9(SG]=%I878UYLIL5;J4B11!L\R MO'<>1#,$6P>H"W5+F4%):^H7:; !3<"'D$!VR= XJ% TX]J"^!3"7>MG Q^P M
W TX[=!AQ4E6XFA+)Y>W1A[JX#&Z7# MZI<*VN-M^00DK2EM2RB/$S=(C.69,48S2L*H:]7N>4).&A!]5B<7MV".-G2+U\-R:I+RV)NZ*9M6TS@!K3BRI8;:[E&0^&RX[(BA(N MM/O=@S+C@\EZ
&FC/LHS#XV#0LR*,"?7UM?6%@I(,\>/W!E:']NF&;3]2FS2 M ^JQ>..;@P._&5(UC%.)G4S6X)2)0_-C'K5B#"_J;(TYVKC]]Y'3'DG&A>2 MZW#7F_D]>&9@\9HJJ1]56=TRC=?B"/XDDR7?
JTGF2^O"K1_X94"]F1(+9;'FR5J^K_9>GG_7 M_HY2G'7.3M 6YY09E*8VD:[JOP/*Z,D;ZB)LT%P ,"<"S;@6SEILZ_ITT!^E M2S&L+5FV:<9S@^8*Z+@##59M@Y=U@V:#M]-RJM:7WLXD'EJ,7.W?
68@-^Z<- MW/5?HI=:"!I'DR& 8C=N>;"*35+GS FFC]JED1EA6'GF H!)Z7TSKJVOW&-P M_-GT1^E0#.-$KS;-N!M"#''AD[1S=.68\:VLL;*Q+#B4#TIJG[!1K52Q2=//P)%R;(*U
8DM:5:M,#L'Q]I)EKF9R3 M5!Q_-EE?=%D(A&/J%LWX+_$+85P)D+1>9G1OV,C4FD6'L#-Q*1KM R!1>M M@V>R6'WL][OBSV>^&)2K8XB^^1VD.2L,2__A/!@^ZGX5$*LS!YQ&:IE&9H3A M*>J
!ZZE&=>643X>U/$;)7N_7,J=G"+\E%(QP'U9LI,;VJLC2#0O#F42*_ZD2AY*B.;QYWZT]$]H -,!C=+HW,#,/* M,Q<)(UJ+7FNCQK_I!T3I\(UR\&E',&?^1;->&_07.(+/*P*"SX2V;*RQLTD M4*PMD3;

[D(]2Y%G]Y MY@((^M,,Z7S[\GO(\55,M$LZ/2#\UFG1#-H;+*LP"QY6@>GUQDDE_ RI0M+< MI&XFOY^>'S&LWDR)W"2NVB-$\@7,0BL-:89Y,#I12=CZLSEG7-F"O6N\41\R
MA(,B]8A=KXZ,=RZQ=$I".29.8IT%EV)$1QULT8S#0820O;EPK0 .'9?(P6I> MN4ER)E\]M-FMROQ*,G9./L4U9D(/),K4(\LN@;%,U[Z"-@*_KYF@>-I_OJ-K M-UBFD1EA6(-FV!-7VYFY,E(@W\=*W0^O-
E#@KBS4'@MAQ#9NHV*5\@ DSW2.,RCP- -[8@K%S M#FO07 (P+:6=R?F3Z([FVI% L9HY7517?WK2C/\&S15"2>#SKB_#LK+&O\Q
MN)'TO)T/K3=38GI196F&@42]P,6QBRXNW&B]1+X82HX[@ET:F1D&EF=F "BJ MJI!%]\FPO8< 'Z 'M]39/8-/F@E1GIDAU+F\W#I7,C]#@P;-!H/RGK'GN[V9 MM-^48W&#AZ4;0E:Y$SC/57?
(+B&:X3OZVL@YMX^P-]R39D*49V8(%-&\[>6JV%766&07@U'YI3_OVL/@>C,E M5HX^QQFDJ>M Q\+DHR6]'3Z!.UL08OQ"-,,O##*$DS;U"$.,U&WNWLDGD,2< M;R*UV>SDF-9Z=WU#,_
&S=)4U##&[&7?H\)KEM1K<&V2\]*E^6:0?'B]F1+; MH64XW4+NX<6TR*HQ>V-%8E<+K)MVC@])7W9H: :M4RB"ZL C"S&]]L+#+"MKZ*J\<.B^[$9EFAI%12OG
M\XMO'D.&H@D!.AO8!T1^IZA8?A!X$2'*!LT5(#M>:#9S?2/?Q32?$,8JOTZ-,/?LY&69P;.K:]E0))AA=X$1%1#+GK8!_=M5P46C(9F MPI1G]C*T +G@4I<$@>E@%"/6*U_9?&?
K++=R=HLFIE89K1JX-/=PB$GT=6C& M+HW,"$,;-%< :<:S#9\,"WFU8OD;$M8W>>\HC\=/!)T)V*RA&;1*H2@VY?^^ M6=P$=[I=98VED5.EM_;F-<^-(@DT4XK$#:WV.\99LL
8A)]&9KAC7IZYA*>V20#(GL!H#XX,WHF\Y/P,R<$K M1Y/(KK[5\DGO!X>58@[?$>Q2<9&9%F*LC$.'+!3W96C&,HW,"$,;--<(VTUD M *0!W6,-6.P6DBU1TTR@\LP,OA-GED)ONV5EC:M)J,
[L$PC,\+P!LUC?NQRPRO#"$W* MTG.1^5F2NG211P%P>I&HU[S^2HZKN9E^C22W@58T@S9;J4L7>:29@ZP2BUUEC;E1 M.S*QX;(Y(6@7U[H^;F!91J9$9R49ZXQ-
G5&WYUZ9.J,HDQN13/!&C27\"8 SF^R M^"O+RAI&9?>E.F5-:D;!T01\7$.$ 1CY==WWB$)#N[SQ9J2WP6_6F,LS8^>(M B7(;E3JC#)/KJ29@.69&<##-SA+U05>?
R=K%6>3\OW2RAHURQ]-4CTIV/HW M2DT,$[M')K+IDTZ]IW!@QK-+(S.#BP;-+8Q)8B$53G2"_@*LXGK7#>C,ECK[S"0C7L'CMXP!E>9[M@"O,>/Q" MXVW0W,*()!:5@:F%\9P-S<$H:298@^8*?
K3#A2*5Q*ZRQL+(FR)??V4ZFKNL M-\,PO?C-TB0>'V[M(S(RS2DDZO>V>P/=1?P[@@SAJ#SS$Z,I!4])J/Q-^G$ M+T8S<.5,]U2]Q+5.KXHKEY\A]>V*VM9(H4K&JKQ3UV_ZQ]&PN/J\Q=]MNE0=
MQG*6J+>#YRE!9#0?Y9F=1@ 4&,NM3!?&1E+<0*OD9SX6HRU=Y,7.H#(@65;6 MV)DX4Y2A)9_5YSG7*U<>LS0MR[J/I5TSM32*1Z&ZR/"#R!&6:61&<%6>^8EQ
MW,HFPM@H%#2]*9G1#/J6UYY/'Q=-K@KCLJRL\<_D#E>'*#&%SB@^FHBUKS@^ M4^?_$^,P09,CZ/S1)CO?D$_FC<@Q-VCF,(:=9%3(;0R1F 2'):.9@ V:2W@P M9\^5P;W\#.D-
FDU*9J7P832&X 3OOQD:2X&W!HC* 9@$-O@KRI]P7P8B[== M&ID1W)5G;B%^1Y^AJ3#^;-\Y(6"0T0QZ(EHQU\/!5/O"[2IK+$PBPW1Q-P7VG-MO:S69M4AU&6UFCN&MSM_5F2LPO\"Q-
4@B69NTQ MPXQ$/=T,&]Q@EFED1G#5H)E'W $EYO'^L:OZ^F(&!0J:09*0NDB]"VS5.?7 M_H[V81WN!I,0:\L/^[:>8:HN+YP7%V@A^$Q0U'SC#&)>C&H5W(QQ+%JF49F M!/<1
PQ2_]VAN6(BP%,B,I903,A&S3[>9)33=45R\H:WR;6!$)EC<==>X$P M0@X-P1FJRM1KCQ4KX\O!1^1D?< A%KJ1E6?F$"_/6$IC\1X-\LDO: :]"@+C M@<_E49/>PL^0K*4:J1Z4RAJGN5&(-
!T'G"@Q<93^$.MAFEI(W1X2.)HM"^$ MGE@1([@MS\PA4IZQC\2,]6C0#&8%"II!SX9PP6++WJUUPKQ=98VEB2-%5IZY MLZ$VH.;*9]1.?7-7F"I*(W1N9>>
EW%\"D8(1N,W*\9W2[^CC!$ESY!U,H:1TP[W.D9$@8P=VI@CZ\KP,+6 M'@CVSK34;\3'\YL5UX)NT126W#U@>,J^$.$H0BL<2:*Z;9?@,?-*<8!'-4T+0,7^A4-_F,C-P=YA5UL (]4=W[AD4
MR3QPB$(.?1]LTT'9;3J").(VM4PC,X+S\LP]Q&&!=7A2XC@9]X7%TH-FD[@%8\7Y M!-A2"R=9FG-DC! #R#M%Q4!S60- A%8_*A8AX?(O>#3EF?L(K="XVDD-]H$+ M-
MMZF;+PY9D90&GJ"\I1MVW0;$*-%H&Q1_<:WOMP[EJ":H3PV >S#TP^W%T- MKGE&9.5W/ 0#OUDA-QO-QC$8"&&-"HQA.0_(G/:LF4'2N]J@74L8T]V4I'#8
M5=:8&U6YM'HYNN(%YE@/N[[!UK(V-D'DMOG&Z0+=\HS(* XIGLR-,)(&S3(< M UG.9FYW4FM!@4*;9_D ^2N#-VBFS0.SF769A0BA&;O?28$7]#;,EP:I M"-P&-
<0*,79.NJ3Y&9(=+EL3@K:OK''*G=ZV4]OW_0;WR/2Q]^FC<:S(5#@Y M6H+, H/(T+=,(S."%]-KC;U?!6 .U_F]'HS"B#'4D&S2F,L*U! KP(.;TZY4 M?H;D7'%#T??)"DV63& [?> M\=.=GKPTM,--
WK>!.*;$!FY%)4(JH6,3#L4LC,P*D0;,2IXT'4],\ M]V=7/GYX,"J[6A"F[GP+U&FZ%\O61#>$766-A3;+S55@UIHT'TP!.U'SERT6PL7US.H_1 MQF
76FW6+_<#/$Z/5]=,"X<[PIV%,=V)63R!Q]'QS3QY"T::);;.[!PEYN\;Y]LNTA3(CCVLEZ M[HMWT-E/-#-.[#_=;"P_N\PI3@^NL5S[?)&[E]1,IDZ4$&;^[?Q_#H]M]&ZM M'A<;*;*C,N!8%
(2YROZ3Q>,ZWD:RD81X7 GO"[+"/RO6L_&PGD0SH\?7 M?O/86E9TXVN7 7':[;=YGJ\6?;P]OOZYVT=I>RI>6O[&37>5?\8YU[\ Q39Z M+X(6MI'N(PD>RRF"0]X$RWGLLP?V?M>3:.9U<-CO/JN3(I-
G)O6YV>YWT?GX ;$Q(27A+_ QAY4YVZ#MV^ $E%3D2N0F"" end GRAPHIC 17 nix-20241231_g1.jpg begin 644 nix-20241231_g1.jpg M_]C_X 02D9)1@ ! @$ 8 !@ #_[@ .061O8F4 90 !_]L 0P "
0$! M 0$" 0$! @(" @($ P(" @(%! 0#! 8%!@8&!08&!@<)" 8'"0<&!@@+" D* M"@H*"@8("PP+"@P)"@H*_]L 0P$" @(" @(%! 0#! 8%!@8&!08&!@<)" 8'"0<&!@@+" D*
M"@H*"@H*"@H*"@H*"@H*"@H*"@H*"@H*"@H*"@H*"@H*"@H*_\ $0@" M^ 3* P$B (1 0,1 ?_$!\ $% 0$! 0$! ! @,$!08'" D* M"__$ +40 (! P,"! ,%!00$!?0$" P $$042(3%!!A-
180'EZ@X2%AH>(B8J2DY25EI>8F9JBHZ2EIJ>H MJ:JRL[2UMK>XN;K"P\3%QL?(R;GZ.GJ\?+S]/7V M]_CY^O_$!\! ,! 0$! 0$! 0$! @,$!08'" D*"__$ +41 (! M @0$ P0'!00$ $"=P ! @,1!
4A,08205$'87$3(C*!"!1"D:&QP0DC,U+P M%6)RT0H6)#3A)?$7&!D:)BH*#A(6&AXB)BI*3E)66EYB9FJ*CI*6FIZBIJK*SM+6V MM[BYNL+#Q,7&Q\C)RM+3U-
76U]C9VN+CY.7FY^CIZO+S]/7V]_CY^O_: P# M 0 "$0,1 #\ _?RBBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@
HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH
**** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ****
"BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH *** M* "BBB@ HHHH **** "BBB@
HHHH **** "BBB@ HHHH **** "BBB@ HKY^ M_9H_X*I_\$]/VQ/BI=_!']FG]JGPWXL\665C->7&A6/G1SB&%U25U$L:!]K. MN0I) .<8!(]/_:!_:#^#/[*_PAUCX]_M!>/K/POX/T!8#K&NWZNT5J)IX[>/
M<(U9OFEEC08!Y8=J .RHKRWX2?MJ_LM?';]G2^_:V^$?QETS7/ASIMI?W5]X MKM(YA;PPV0=KIR'0/B,(Y.%_AXS53]DG]O/]D/\ ;MT/6?$G[(_QSTGQQ8^' M[N*VUFYTJ*95M99%+
(C>;&AR54GC/2@#UVBOF_\ ; _X*\?\$VOV"O$:^"_V MK?VM?#?AC73$LK^'X8[G4=1AC891Y+6QBFFB5ARI= &'(S5']DO_ (+._P#! M+_\ ;D\91?#G]F/]L/PWK_B*X#&ST"^M[O2KZ[V@EA!!J$,$DY
!)$:L0 3T M&: /IZBBB@ HHHH **** "BBB@ HHHH **** "BO.?VHOVN/VFKZFDK1FYE5VCBQ$C-DB-STQ\IK5^ '[0/P;_:F^$6C M_'K]G[Q[:>)_"&OK,VCZ[8*ZQ70BGD@D*B15;Y98I$.0.5- '8T444
%%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M!1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 % M%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 ?PW? #X_?'?\ M8[_:Q@_;+^ JW4&I_#SQN+AK]8G-MF669?LEP5_Y97$23Q,N1N0N W_ ;$_$/]J_X,WV_1?%V@^'+AK1Y
TNG72^)-,2XLY-NQ*;AE2"?S9_X-EOV2OA/^W1\1/VOOV5/C5IOGZ!XP\!16DLR(#+93C4W> M"[BSP)895CE0GC<@!R"0?F+QW\;?VC_^"7'P-_:M_P""(/[1VFW-QI_BB]TV
M71Q'GR+35;35=/NTU&#=C_1KVP@#=-Q*VW"X>@#]F_\ @WRO_ .E?\&SGB/5 M/BMH5[JGA:VT7QY+XETS3;CRKB\T]1=&XAB?(V2/$'56R,$@UTW_ ;'_$?_ M ()Z^/\ X%_&"^_X)J_LZ>-?
5I::]8KKECX]\2C4&OKPVLI@:-ED?RT !## M(ZYKSW_@B!_RJI?$7_L2/B1_Z(O:\I_X,T_B3X5^#7[%['%'3OQ?\ '5Q/#HGA M35K/6-9EM;5YY4M;73;F>9DBC!>1@B,0B@LQX)- 'Y[_P#!*.]_X)J?%K]O
MCXE:Q_P7ZUS76UG5KV>2WEU^\U"VLGU]KN3[:NHR616>)U. FYEA7;('(P@K M[X_;"_X-JOV?/VL/'O@G]HK_ (-[OVCOA=X?L]+9I_$6WXJWU_::?>Q/%)97 M=E&;7^R)]0>X67R+B>SNDDBN
QAD#2B..5BN&?H1^K#&EP\ *+(ZR7!*Q((Q(Y=%";F"U^4OCK_ (/8/V,M'\K6VI>.8+%3'!-J-OI\H" =H6F-Q,B$G_5H>2@-?J3_ ,$7 M/V7?V9O"'_!'CX-_#[P?\-O#U_H'CGX5Z5JOC2"?389X]+X&?MJ_\
!1;Q]_P3 MB\&?!+Q9H_B+X?SZ[%?^(-3N+9K*Z.EWZV<3L,_. M/X& M?\$@OB!X*^'WQ;^"7BSQ7<>-M*N;ZRG\.7%JB6Z0RI$5?SG4DDN",>E=/_P5
M_X+*?!__@CUX1\$>+_BY\)/$OBR'QQJ5Y9V47AR>W1K=K:.)V9_.9001* , M>AK\C_\ @]QO;:3]J;X#Z_P#2:TH ^CO@A_P=0_LH?M+?M]^P$!ASX!O)68-)MO M&EE/:K;I<,FZ:98'8-
):P@.SS!@2D3LB.-N[IO\ @IM_PMZ-X3:&.UTJ9@"+>>YD)S/AE/EQ))MSMZ8C7MV)MF]9)F MGF#,#DI(4^[Q7XO_ /!H;I.@_'3_ (*SX[_'3H-4^(C%C5Q
M/;7MYJB"^NDWY*RY<1EQ\P6=USASD _27_@F3_P.->M#=:+X$\+I&UV;8,4^U7$DC*EM 75E5CEG*ML M1@CE9 VCOV$O^"-_C3H
/PQ_;6\?_ +1GBK_@ZQ\3^(_AU^SG/;$V1T]_N1,5D*ISUGA7T5$$3XG+FC/8OCZ1UXL.;@5QK/$K6NZ_HIE$ABEF78]NTA90C M-'Y9SRZ\9_5"OYQO^"@
M_P"+M/ENKJUF"$VLC270S&KH'49.UF?&-[9_?O\ 92;XJO\ LN?%*?_H>RB'KQ_*]<%MU+]^'JJN1=T&V='.W=!Z,VOU?6!3%*[K.,OK4HV
&KO&C[E1E:1/E(8,?FO_@S3S3^$?Q>OAP2_NKKAHYG+D2/N8U@ZVG*_7^<>\+GV2Z0P&JJ90I3%R_/T4__W!YKUI/S8'/<^KP95?,S/&.'C%A
11&@ M ' VCTH_4__ (*N?$/S+>-2S&@8?*$.UP$#/K3=;X\KM#%Z%Q@4L[T:R;'B+O07Y=9&I8[_C%LX_2!D@_(2?Q->FWRP\1\WXMJ
\$R]'T']H+_@[Z/C/_CP ;Z@EO=3:K%[/3L1=)4UC6ZQB,A?T#M$K90JW9XN>V=V-#;6B@DV;@&DT08Q50)7(:)<\T;1,$HYC2;4*O)V
M4#WHA>1"%.\1_"_#P_L_ ;SB-=1%9W'!HG4@H0^W3?_?D>W0W4&TH%'A'XL@=2FW%"G1@^>;"4,M:Y+!)(Q:S=G>R/T%7HB#+_)XC]A
%%%% !1110 4444 %%%% !1110 4 M444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%%
M !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M%%%% !1110 4444 %%%% !1110 4444 %%%% !1110!^2_\ P;Q_\$3_ -L; M_@EW^TI\7?BS^TIJ?@R?
2_'&C16NBKX8UN:ZE5UO'F/F+)!&%&UAT)YKH/\ M@XO_ ."""B;_ (*L6/A#XV_LPW7AS2/BOX:;^R]22F\073VUKK&C-O=4DECCD M82P2DF/Y<%99Y03PF/U(HH_/?_ @FU_P3^:H_*_[\ 27\7A=K9\T8Y2*4N%75
()X_%&^\,R> M/M;\-+C5'-6DW-K7B*;QHCQF$RO'P,\>%S_M-ZH7-5EJZXN2;GUOBI$[ )U:<7O1.&RTP5H3KB\Y56CO*I-79-L=.7PWKSU)+1F[3K?BK;1\ZOT\U\A)Q+ZE#9UM5>D;.;^4WV:K]^,V;U8H>;1ZV+C\JE 60SX:@EXBT!D&S^O4?C^&R@P:16
M5:M^T;_P1._I:?LVX52/';8H%+%/[MGSW-\6_VE; &5*^KY)!,()9Z^&MKPF?\?K0H[$;_M$2+<\ZCH\0!"8.QV('GR:5M0U]HG)U?X]XO0
M;' X)RV' !.&2WF\,A>?Q3PQFK-!/:*9"A"@XXE[S=YMMQK]WCIX=7_JWV]:L#M.U)%T)XM8=D=E<4I^GM0)UN:)Z0MGI5XJUY.;M89A>^V9+[
OVRO^"! M'_!5C]GW#M.K<Y:T\%S-5=]_ZHB_]YZU1+LS_OJ_1[5:F@\?]9N2>;&I,_C3RG\ANSZFWXY-DH_)[*-DWLB7ZP\/7W3SO#UY.NA_5A
S+J"$3Q26EW9R29D$,X41G8H2H5])5Q.\9=#\7W5;Z8QX'(1S?]X2/0D9X%U+N7B%Y%K8JA<XO0G=PSC4EG-M#A/%</O#*<+?Y:OF3]FN9#T
@IQ_P30^"T/ZNPS%+PHL>@'KIPLW8;P@60*[/)F(K3?!WH*$D5%(ZK4XIZ'1L8U,&\?8W<5!QJY4Q5H<E&Q=CFW!G\1R/P]KFAU?VTV8QMQ
N;HFCV'AW1;3P_I4;I:V-K'VR23-(RQHH506(HO'FG:PS^)=1DM;;[M/!#$_^%HMH5S:" MX75Y3I7F2>)'U)?W_D[\>0P&?+^_QTYK]"_J*
=2U4OX:U&2ZMO(G6$(-[QGG@=7XZH=/DQ)5*?R[P?<[BZ)!P*8\HOOH?QFI/^YF#)?E7RCHSLL^[HR@:Y6,1O!(/HSRHS6TCIHI?3KH&Q2]-H
M"TF\M7N[ZU602/:6G4FFF+D$J@?]$(+GX+PA0.S[CRKGE/M-1O[$+YV/W M*ID#W@;ZO9AAK5>-?.R79'5%S0T,#2H,^]IKR>WEKL2Q:4MQB*%
MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH *_/_\ X*N_\'#7[,O_ 20^/\ H?[/7QI^"?COQ+J>N^#H/$5O>^%ULC!'
M!+=W5L(V\^>-MX:T(OBO\#/!WB?4 M(+86T%]XA\,6E[-'"&9A&KS1LP0,[G:#C+$]S0!^27 _$;1^P+ T:C\8/^_>E M?_)E?1O _2Z_P"#C[]EO@_Z.O#X9NM;;4^3R6(MC#!!
M)#&R?N+B1MY,RD<8X/-?E#&8A%)[3_(/%K3X16GPP\%J%L)E:L.([=>M8E/MM'ABO[R$ QI?8U;N.QMKG0#9&C0;\1X\&H0B+B^YSW\/X5%R&O!1=L8_QG[5A%7![P]YXE1NTZC[D0?QZ9X\[U9/B6&Y,P9/6WQ5F6L4FNM8%A9KKN=O^F]V)Q+SPSL1SI-GWT3U5ZS;AE!Q-KS
MV]Q+,&@F8A1=PR>6IQE=FZ1 #]2/VQ/VYOV4OV!OA;)\8?VLOC1I'A#1_G6Q M2]E+W>I2J 3#:VR RW,G(RL:M@'+8&37I/A/Q)IWC/PMIGC#1Q)]DU73X;RU M\Y=K^7*@==PYP<,,BOYG?
^#Q_P",?[57C?\ ;2\?X]K-?,4S=4Y]4J/J^'X]\PY/8Z=ZW/?V$%R,S9]T=EA*F$\;)PS#[6.[@,JT!&/EOUM'?P,8)=:T,8ITSK^F[5P*?I"P5>E-
K;QVS@3RSD[YI%5I5 M2--SE<*: /TNHK\"O"7_ 7. 7. 7_ 7"#F#]I'X*:O^VU^S= P3P^'Y^$.FK>W,=X M^C33LUK:,WGL!+J<5Q>;"CHSV\(4M&X !5@/T&_B SX-I"ZWQ+W5QV_@_
<>!-7M[#Q18:1!M+^W:A=^)EM!#<)]I%OMC\B:1L[MCGY@!BON.OYT/^)^*_-\)OW2(@0ZW_SX_A25O$UEVEAXG^4U\QG_B0?\,GKSL.WFB7@B/4.XI;!FPLCOS0)LUB%>8%AV'2AL7+F]^YAQ\A)7AF>BIOT<E$UDF_N5AK[$MYYAG%Y%>!;?=)0SZ&5)M1\Z[KCOO-[WLMIH
MS^$W_!Z]^Q%XRRC?N8RJ!QGH?K6*XH:&W)'=\IR%3]N)2.,$2Y9IX):!-%D$,JM%&,>P<)16(=X*H-%E?+F5?^[&6E/!J3\$V__M@\67\W\I]W\^VPF^9MA9[PQE+SUOS#T58%$1;3+E@DVCD]#N!FBC3'TI09W(A:!2I<?=S[$(;OLT=KA]5W3[HHA!0O?YZ
@;_P6!\(^-%'P?1^*]?BPHG*JVRZ2-5%S'XF]\A'L1.':N(XHY-.'H"/?&1M8R?_=FX$6C[SB!P%HSV23DXX'-M+7\AT:HWEM&\TL&'\X%CN9?#.+X,1MX<Z'WS1H>'>=W<!&P#:H0Z1&0TEGQ4KW]Q=6@ZB:\21O&$Y&AZMS<(3P&5\XTB?Z^U;HCAH+N6\J+E2/IX<[DH4Q8%
()J_';PAX3_ ."O/["W@["W@["W@[":TXOV#7<#@AM2$]V-Z74<]'@-Y!W@PN>T-2:]#@+LV(+ROXG9D"#=+*,_9)?:S94OBU:\._1RC7YQP"[YPB
$C5/"4]U!KOBQ@<'XG]OYNK1'NFE:3<-!KLMWO^0LEBC8:_XS&)V+'EZY%HW2:RGUC>\W9IN;?M3/DLN+_D&1J>S=WW5%J]JQV&9@)J>&ES&;D]@_#H(5?!IPA:!(DQ4J>N&RU9CN#Y;^R=S7IP!ARB=XV$XTW-3"J8(%8LNF:!4FW;BX]HZM])S=PJ
U#1XI;>TO+H0^V5@JM/<0VFNWL[QQAB 798R%!(M&2,D4 ?TKT5_^!;@'^I+P C_P "B/_ 4W^#GC/]F;7?A[XFN?^'JJTM8L5HMRC:WQ;AG2:#KT4:8J=LLH=
@J)^S?XM_P""96G? M\%3_=3>W!A[P[$JJX]GP@P!C:VYT+7^>0PA]\HCW*"XI,*G]RYV=[!#RGBQ]7=D%;CI]%&XFQ/:^3EEBZMC&7%?P?@,KT)]]QB.4UF>FB0<*?2]B[G(%
M9F&&/RL,X.17X)?%Q+^)G0'.>C+,>1%"+E3)7RW%_7J)F9!B'=-;.23GM_>L>KOH1;2T-TU@G?E0JX<SO`^=%Y%N)P@^\5GTPF&;P"4WBG+QJKN^F]_6_S[H]3:+1+F+=J9HT\:%-ZYM)%1M0O:;MB&O<%YRZP6,%AD4BQD7$44[YMEGAKDB>DH%VS4RLZ.S'N
/:Q^.2D"6-GG:T<JNQ,Q<;SVYYOSV$1.0*/)ISTZ^D[[Y(FHU9Q7DN4&3J94B0LF2OD)6Y^>5RA]E9CH,6G=0J<=R7+IX+)-!L5IW!DXNVBXXBN;6IUJW%:8>+:/.+2/>WH&MTR/#9@-LP-
D^W6\U\T8!#O:P!592"N585^E'_!&L%\,&_]@P@AM3!1"VMB<.GLIS75VL9C!>RU.XQ%D7J?4X]0@$D];;0,BGTIU=;TF3G\R[H?6NJP8*&JVF0]+P6/5S"J;JG49H/>PB-$B<0-K<<#KJL]'(
:K=V]K8(MP=0N+JW^V$+FZD_7Y%G72O@H;^/\2O-H$,M$T5QVJ4CC=#JSQHJ8%JHA[@]P.3T:IP4+K:73*A?9!VK\E$^L,9VNFEFK4=B6-!2(W4P)ZRRQ]-FG_#X:(QM::SY3,I56_8,1MJ(!!4F7/1=PNSU$Z6&?B:4NZ$
MGQ<\$:]X@T:TUJSTU]/.E4S;X.>?@IK;?ZEXFXQ[9C-O]NDM'PXB#.BT,5D,)4KVMZT"-(V/QP?\U@[^O2?#N;1\)B\H+7Y8:?_:U]'W35:B6
MSP+^V;XX^"]G\0["YUM]=MO%OABWNM15'U>\D@\QVMW9LP-$5&3\I4#TH ^K
MF5'=CM7S1&&8A02S*I_2>OY,?^"Y_BO]AS]N#_@II\/_ I_P1B\"Z;>:GJV MEV6E7UQX \./I5IJFOO>2>2T$0BBS(D;1[[A4"G .X^66K]]?^"S7_!8CP%_ MP1R_9ET/QEXI\/+Q^(?
BMGL/!WAD7/V>.]GAC0W-[.X!,=O$7CW!069IHT& MT,SH ?;-4/%/BKPQX'\.7WC'QKXCL-'TC3+5[G4M5U2\WMK2%!EY999'BH]?
@AUI7[0/[!G MPE7QA\-?C%H-W#\1-5U#3I7N/"FFH-LK.89E2&:*ZC>!RWF)N0XR,-0!^CW M'7&__!#7_H^*']V&O_X1^)_+Q6@_KRZ\+CQYE?8.;%W%5W7[O6Y&/HB
]*NFFTK55T.%DM%G6<0(")O8C:T3-_I)Y^9=OV1_P33. -[\"[/[4[%WMA*M]7N;DB 4.D=]/98]D3=!+.\(-7^W>X6R\^+DN7B6)FV/,^(\IU?\J(J6^MD=
A;X"\06GC70+V^U M*;QA97LLD,D-Q'&HB-M=0@*0Y)W!CGN*[C_@XE_X+&?M#?\ !(+X?\ Q\MBHUB'/V_XU85BPCT)OOYK/
\%!OC%^PWX5_8F\._$+6-#\5>(/ M"WPAT+P;:WL6H:GJEGJWV>&6_EDN9$%NEE%=3S&.-,M&OS1(6=0#]S**_!1/ M^#ES_@K+^PI^VKX=^!'_ 5^_8Q\&>$_#WB*6UGO(O#]G-!=Z?
I\\QB^W6MP MM[=074<9#EH\EB8RF^-LU^]= 'SQ @P %.O\ @HEO^ ?(_P#C>R/M#\AJ<-6I#7^W^5^8E8V/]8.3RSTQ<QG
MH6&]EATHD#N0/M@S],BO4\ @\&Y0]W/[=3^3=!? W%?] YF<%,TJ<]Q:ZYRWNAKO!3S5ACEF2?#JLB*K:8@@$<:T:N^/HUOT ZLA6O.JZT&R:\6Y
\$=9\1^&?H/? 7\'5W)+J+ '2ZT2"7%^[M,R26SPQD3EW=LDTQ"HH\=U1G(GUPL?'9TK>:H2*K+=F9%:Y#RH0/21WXE2]Y#<QMN;,=6DR'50F/
^"?G[!'P.N?GT!?HMM$FJPJ^/7HQTWXIM_B+YCB+PE5N(GUXLH-VJ>ZQY/:%P^8C#)*PS*E?PO7>4.1\P?&L6;=2M,&?P,QW9NL/*(MVM%^D%*
,8[@'Z1U^9? M_!2__@Z!_9+T 4D>9A22X(R'7M)/6K&"@X5!(1H&VLKY/9^W]P/4(@D\O%B!EE8*I4S.&^:D?L^^ 8E1TZN1Q_W!G8[]QZGLXO:$&U
_['FC:W^T@_B'6KF\^%=5*NC!=-%)\$MI4)4G9AQ*ZHS-^\/RL+JL18DNW//J5:+1R)*B^W8\,>A]X7>18O*PY/[VRQF^7GS3%,)=(WW=_&?SCU>@J
4E_P""_P!J_+!?M\\+6\C+&J\/ M8;HT9%N46\R\(QS8,&C"A^/#W8S@K$1+7_DE!ZM@HNGQS@@PP?=!+/Z:T1DUX(?HQY-/EEUH#*'VFRO06N9L
MU8^&O$B/T^P7]/G=(&OQE@Z\+G^:V\[E=IHL/&T=JF'K1Q6;,^;"0,O<SN\I0"ZH^4RUGI?@YRJ>]UVC6;*>T:2K:4H[7NQ_;3ZRQ=#A65R:A7&^
'''[3)>6EDK7J*DD<,6U5FWXE#98K7FW[7G_!Q+_P"#*_@A_P"#)K\XW_ M>V>Q)Y;<1:>D8AZVHE%L1KG8R@;;P,LP[\E[>Q?/"XFB8WO.^BW/*U
_!,S_@G%:JM?1OZJWC_ M?;A,KW];C.?/UFW9ZWQ8/=RDU+KK'1GX-C\"I-P-MPP.T3%[1Y:6Z%X_XJQS[PTUHC=9?8+X99BTDXT8O8"HPXXPL$
<]%?A1HW_!?!9^WWNK6S]E^H97'1VI+YBRJ7*/8H^3S%%9^4&0W8/I3*X&*W_5J.=7=4#91UL!TH5=[7'OB,85SNQ%3QHS90IUI/B3>RUNS8G3Z6E1
.C^"OBEX0T^ANOM/AZ&XMH))+*J[N+^*YCMKN+D*_?9V6V%SSY-[3\8Q:0]V*\G\I4Z$#F+@QPIBV;?H\^D_,1JLPX/@:Q"9N1JTE!AU>1'?ZX7?E\5J
K"@#]Z^^&QZJ;YIK@_Z0= 10;4N!7,IX3X\]BR5?2J/$D*G9M_9X>JCQRQ//A!7C? 2:%2F^W_LGXEQ6NHZ!HP8$"G8<]EX[^S5F[X69AE"*@>BK5GE
!27]D3_@F=!]>[*HO(=5N4N.3J@>R8]J4L!&QRCX]ZCPMZ1HZ#5F'R@3>K_:VIEC,(-(W'*&J]KT;:7_2@J$FI)(D\.B(E'H\E]T&W.1WHFEVA:ZB
>$_&H%?:B^Q4S+Z#I;\^G9!SY_]Y=[CWXIO#P*9Q2A;MPVWHL"4;W<*-^?$*XX%GU+2P.\@3IT!WR%;Q?2:R1'TQ3=+0J2UN4$A5L+/CQ$1%6C:$.M
@NIX MF_X*^>>&?&W;XU?"C20Q:HHZ6P^VDW^P8D27?#I<Q.TTBZ6\'>81?-N7YJOJ0+6J;WMBN=[;Y)=1[>4]_1P;\<,7]I,!!W;:8&SA3H^=(9
L]U(&@2UBFED$:QY902\!F4 _>&OD+- @K_&$)R^,+)[8/YY'9GS)P]<XSS@C*0%=I"\RVK-.GJRJ84%8[3\GC\D(IFKP&T3>O[^B6)$#-Y60"G9
JGAS2KBUNM,M99-GVV)OM5S!?V\ M; AT0B08;YBP$;6/^6J;V&.Y8\PUVXR!'H:%KT>S79%&(=8^9*,B[%9.I:G>I.;;DW5:N-FUMFZ'/OAQ+;DG;?
W;QSHDF MTE=X60 X)&0<0S<$UT]^]>&T2\Y''+?BR_:G9_ W[VB.[X.LK)!B"/GUE*[Q'G[8,W'S_5"=QH[WXS=XP/=E?.K)V7M==-YO(KH_^8
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ MHHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "B MBB@ HHHH _FQ^-/ "NL6?\
V5#0/_4:LZ_H+_:YT#QIXK_91^)WA;X;>=_P MD6I?#S6K70/L^?,^VR6,R0;<<[O,*X]Z^-_&'_!OQ\-_%W!_!82'_ (*\S?M(M:Y#K47B2QU<>"UT&$VI:VTRRGG^9OPRQ!R=O!.*_0N@#^?
#_@R%^^('PCT7 MQ=\IPA7K.H6-IX\U:WTTNF5;XA0V#S$H*3UZNT;BTSF(QS/W1#-IS7SQ>IMA56&MZ-TU?]MHXBI'9_]Z&!O(WY2X<4F[J\MHP&$/P^H[
M_%_6OC1]N+=^MVKVDCA=\MRPHE4YS-MD5;ZB-B79DTF=J-NFZVNXNX9>4VIBVHKPDYVE+DSYDZM4:RS%C+V9VP,O(/@3CYAX4&CV!$9T_Y;BP>=#

M2V_X)'Z+^U7X=\'6OB/7F\/Z#I'A+3+Z1EM);^ZMDV23E"&,21I+(54@OL"! MDW;UN_\ !:'_ ((P?"G_ (+(_"/PQX*\8?%/4?!'B/P3]-S=>%_$]CIB7R0K M';BRC*VTMFKW%UM9?EX9BA4%"NUF! /DKX:^$/^ M"Z?_ 5, P"">NM?M_M# \ !6+1/@_\(=4*:WK$/A?P!X>B@G>PM!.K?XUZU\ /^#132 M_A[Y?PM^-W !3_XH>, @PFJC4+CX.Z-9SZ)IU_('#XN-M /&VXA0[QPQR'!* MNAP1]2? \$<_ ^"'"@_P#X(Z>+/B)JGPR_:0UOQ=H_Q#AL5N]%UG0X8/LDEG)< M&*198Y"6(2YF1AM&[(/&,4 ?E[_P9H_\I _VAO\ L3A_Z=17]%]? 7_!([_@ M@G\.O^"3/QU\>?'+P;^T3K7C*X\=Z3]AN-/U/0H;5+0?:A<;E9)&+ /"(U" M-??M 'Y)^_ ^"]/[/Q[_P"'G'B+ @GQ_P %!?V&O"FB>#K7Q;J.@GQ9\0O$ M5OJ6GWMU$'.GSM:?5M/#2 !<]>C_@@)_P $?/V>_P!A M[QW^UQ\,+4_! P 5:+IQN?#5IIWB6673_$&H$CR[!;2Z>3ESM46QCV2ZP@H MK_8/_!7/_@W:_9"_P""L/BN#XS:WXGU;X>_$]"Q2SE\8>'[6*XCU*!!B);V MUD*B>' A8>+;#P?/=LS+;P2>'Q<3VD1/2-)93+@=&N6]0 W_@QWTRPB^$7[0V MLI:H+J;Q)X>AEF" ,T:6]\RJ3Z R.?\ @1K]9?AQ_P $\_V>_@5^PCJ?_!/S M]GW0V*>#K_P=J>A+<1? Z1<[[Z"6*:]E9R#;S2M(2Q)PHV]% \@_X(S | M!&3P- P1S\&>.O!W@CXY:MXWC\V[V:P*$!9Z 2%XY;P99D_F2?SKZ1_X*9?\%I?^"A_Q& X* MW6? 1J_P""8.H>#K_P=E>+>0:?? _!!\7V,=R[WSZ?\ ;Y6C$\CZ- _:$5Y;HD=O=HB7-M+;W*1QQIYB2X{B0[0P9F /QV_P"#E+]D MS]LS]ESQ)\()?VYO^"CU]\=O&?B>QUN[&BR:>;2S\+6\;V*![:+S2H6YQ_$KMZ]?^)G_ 9]?!+XU^ K M:^^-/[?? Q4\7 %6;5%GU_P*<7B;_ $^?6^M5B9%LTMIYW,2!BK[GFE?*D A3@ M?3/_ 4Q_P""&GAK @IQ^S!\(/V<_BC^TUK.C3_ "FV1&\2:?X>AEEUJ4645] M\LD32A8BWE;R%8@%B.@H]N_X)G^%!X7_P""6'P'*7B;_ +(HK26+X$^&UM&5<* M+A](MV,@QQ_P!V)!=NLK*^0I81AB 2 3BOSB_X*#?\] M!K?\"_ VK?VG;W]LG[EJ?'Q1\ _B#K.H/J&N7WAO3/MEK->OGS;R&..XM9K: M>4LQD9)MK,Q;8"S%@#X[\9_\$UOVF_B' P %C?A;\1_VY?\ @M=^S]KOQT\! M>*?"\T/A>6VBT75KVVM[Y+VULH;>WM;>*:>42,$7#2.)4!RNT#E_^#B[3+#6 MO^#EO]G31]4M4GM;NT\!0W,,BY62-O$EVK*1W!!(K]#O^"'7G_!M1\/^"?! M^T(W[8/QE^/GB+XV_%6%Y9-+\2>)-/%I;V,\JE)+M8&FN));:DHS*)99GVAB5 M4-AAUG[>G_!!+X=? MV_\%&OAY_P41\0_M$ZUX>U/X?+H0MO#-EH4,\%Y_9FH MR7R;I6D#)O:0H<*< 9&:_!_X.[H8I?^"-6O/(@C\>Z"R$CH?/89_(D?C7P MU\6_#WCGQ#_P9)_#JZ\)+<26NF> (VN_$209.;$>+M1C^8#[]SR6['TV@]_9 M/_@JE_P3K\,?\%2/V1[_ /9,\7?$V_ \"-E?ZW8ZBVLZ;IZ74J-;2%P@1V4$ M-G!.>*D_8J_X)O\ PE_9* X)VZ)_P3>\5:D/B'X.T[2-5TS5)/$&FI$-6M;^ M]NKF6.6%90/]*9.#G"@\!H ?,7 _:?_$7X/>+/^",O@3PA\.M4L&USPMK. MMVOCFQ@D7S[>_EU.YN(GF Y^>UDMRK'JH"@_((DC%U+;&@PM;> A.,;;6WWJKE 69V52[OL0(?D]\2^5WJW_['"2O_ %"K>L/]LK6-!^"W_!Y? MHGQ _:INX++P]=^.O"]SI^IZJP2V2.70;2UM9MS?*B1W:A2YP%:)B2,$U^IW MB' @@G\.O$' 63C_X+$2?M$:U'K<>K6M\/!*Z%";4F'1X],"_:,WX*Q^9 MG;U..G- ;7 !8K @@_P#LQ_\ !7_2M'\1^-?$^H>"/B'XJ_![M7_"G[0W[=7COX@>,[O3;73_"7BZ\TGR;;PO;17<,[BVLI+J8L[QQ/!\TVQ4F M@WNO>$/V>_ ^"K'Q$\&_#KQ%/G5O M!-QX8-W]LBZ>7<2P:A:PW!"_*&>W/T-?I!_P3)_X)7_LR_\ !*G]GZX^!7[/ MV%!2W4^KW(O/%7BO6G1]0UJZ";%>0HJJD:*2L<2@*@+'YG=W8_%K_@R$)-:7 M=?M._'QC-:(U[8> J,L[>25PRF.1MQ;S2"#C&*^ M^J /S_X._^4-VL_P#90=_]&R5\8_\$F?^#=']A#_@I1_P10*_&_7=' U? MPU\8O$R:\EIX]L=NGBCN;;5;RWM?-LGD:!X0D,2NJ(CLH)#JQW5^OG_ 56 M_P""+OB=?^$;.[UVRU-M9TW3TNI5:V9F";'91AMW)SQ6 MO_P3, 81\/?!$U?V,?"G[&_A7XA7OBFQ\+3ZA)#KFH6*6TMP;N^GNR#&C,%V MF#="U[4O$U-R$BA- _L#R:;=93#9VCS8I-WE$X[O_ (/:-&\6V_[6GP(\2Z@[MP^'KCP/?6^GW,T)DA2[BOU>Y.W!#$1RVI88Y&WK7Z3_\%??^#=3]FW_@K1\7 M/#_Q[U? XHZK\._%^EZ6=.UC5]!TB&Y_MJVG@UOYZ.R8DARZK(#DHX4Y"M]1 M _@_X(?!SJNK}@CPK^Q5^VG\1]:\;:OX/LH5T;XJ6)O'9:S%=PQF)+SDRHS MO%M297W+,07(5MA0 _/;]NC]C?\ X+6^/OV(=;E_;C_X+O? QO@=XKL=/35= M1U'P!IUK8WL$]Q]F4N+72TD :7R75HV' W9V@FNC\$_LLVW[(G_:I_';X M3:)^U%X%^+ ^COI6N:AHGBWX=:G]LTP02RV^^W63_)Z),DQ=?X2V#@YK*T?_ M (,V'U5M'^'WQC_X*O\ Q#\2_#'1+XSZ?X#MO"IMA:J2_M&*34, /=VK)=VLMK+ (1O<[W!=F8!=Q% 'PK_P 'L'COPQK/ M[9WP9^'^F:U;3ZIH?@"YN=4M(@SVJW-[^ZW@?=+"!F /,,'H17NG_!\+_R1 M'JG[_L:M> _ 2:TKT?XL?\&&HY?VP/B ?&5E=WMWXT\>ZY9QZE M?>)YYQ;B,,))5$$<(@?8H+L?/?<[8&/KG_@LQ_P1C\"_!%C?!O@3P?XW^.6K M>"$\#:G>WEO/I6CQ7ANS$;"VG MZ)!?S1'N4M+:. 2,H)"EA&&(!.,U\5_L4_\$$_AU^Q?_P %_B%_P %*M"_ M:)UK7=5^(-YX@N+GPM=Z%##;V9U6_%XX699"S^61L&5&1R<4 ?F;_P 'P5O" MOQ_^ =TL8$C^#M:1GQR56[MR!^&X_G7]%=H2;2(DY)C7/Y5\#_\ !9?_ ((+ M?#O_ (+&>- O WC3QO^T1K7@B3P/I5Y96\&E:'#=BZ%Q)'(68R2+M(L# SG- M??4,8AB6(.U0,_2@#\MO^#P;_E#W<_JE-T/^5Q7Q5_P1C_X-@?V!O\ @G_M ,$V_AU^V)\;/B[\7]+\3>+FU@:E8^%M?T]"PC^R:O>V4?E)/ILTBYCMD+;I M&RQ8C (4?L5_P5?_ .";?A;_ (*J_LGR?LJ>,/BCJ'A"SD\1V6K'6--TY+J4 M-;^9B/8[*,- YAYSQBNA_X)J_L.>'_P#@F[^Q7X-_8Q\+>/[SQ18^#CJ)@UW4 M+)+>:Y^UZC--7^'OQ+T2R6RL_&_A M^U2X%U;*Q>.*[MG9/.\MF8HZR1NNX@L5 4 'YO?\%:_^";?_ 41^,=KX!^& M7_!7+_@NK^SY91>WMYX#@\6^'K7009%2*.Y=9K:P@^4!X0?,?;DKCD<_X. MUO!>K_#;_@GI^QA\._$'C*Q0\1W^@:-/IUJXATN8R6VJ30:3ID3W4+'EHY&4N MI[JP-?2W[// :/? #+2OCWHWQR_;Y_;L\:_M"_\(^\+:=H.NZ0]E;SK$VZ. M"Z>>]O)9K<-D^2C1JW0Y4LK?57_!97_@BYX!_P""P_@WP#X-\9?'#5? L/@+ M4+ZZM)-(T:*[^T_:8X4*$.Z! HA&,9Z^U 'M_P#P3?\ #6E^#?\ @GI\"O"V MBVD<%K8?![PU#%'&H XTNWR>.Y.23W))[U^&_P"Q?_RNC^-/^QR\7_\ ICNJ M_H(^"/PRM/@I\%_"'P:L-5DOX/"7A?3]%AOIHPCW"6MM')&4$A2PC\(!.,U M\4_"'_@@E\.OA)_P5\UC_@KC9M$ZU>ZU?KZM?OX,ET*%+6-KZREM643B0N M0@D+ [>2,4 ?EI_P#;ZXDNXB]O_ &1: MZW,U_%C!!QB=F3KB4$CYAG]FO^"S/Q>^ WAK_@D-\<_&OQ*\4Z/<>$'PFU M6ST&Y:[CDAU.]O;*2/3EMV!(D=YWA:-DST#CAZ9_P &Z'[>'BS6(+B/PYJOA7Q)%H? F@A)+F'PW*+IT M!ZC$ENI8=TQG*D#W[_@R+\,Z7:_LA?&GQC#:(M[?_$BSLKB<*-SQ0:>CQJ3W M :YE(';>?6OT_P!9_P""'>GP%TS_@GKXB_P"";WP2T=/ O@;6OA[J?A2R.F0^ M=)8Q7MO+##+5F=LR.26.237G'_!'\ X)&^"_\@C]\%?%7P8\$ M_&?5/&L'BCQ2-:FOM5TF.T>W?[-%!Y86-V##$0.2>]'Y#?\'(+U64CN""17VI_P>5QQO_P24T=G0$I\9-&* MDCH?2&5E=WMWXT\>ZY9QZEM

M_P#1L?P|_P#"'+L?_ (U0!|__ /#_ /| ^"-/_20?P%_W_G_^-4?|V_|_@C3_M_P!)!_ 7_?| G_| C5?0' #(W[/_1L?P|_|(NQ_^-4?|,C?LH_]&Q_#S_PB M['_XU0!|_P#_ __ /| @C3_ -)!_ 7_ '_G_P#C5'_#_P#_ ."-/_20?P%_ MW_G_ /C5?0'_ R-^RC_ -&Q_#S_ ,(NQ_| C5'_ R-^RC_ -&Q_#S_ ,(N MQ_| C5 'S_| \/| _P#X(T_J)!_ 7_?^?_XU1_P__P#^"-/_ $D'\!?|_P"? M_P"-5] ?\,C? LH_]&Q_#S_PB[' XU1_PR-^RC_T;'\/_ "+L?_C5 'S_ /| M#_ |__P""-/| TD'\!?| ?^?_ .-4?\/_ /| X(T_J)!_ 7_?^?| ^-5] ?| M#(W[*/| T;'\/| PB[' P"-4?| #(W[*/| T;'\/| PB[' P"-4 ?/_P#P M_P#_ /@C3_TD'\!?]_Y_C5'_#_ /X(T_| 20?P M_W_)__ (U7T!_PR-^R MC_T;'\/_ "+L?_C5' ,#(W[*/_1L?P|_|(NQ_^-4 ?/|_ _P_/_P#_ ((T_P#2 M0?P%_P!_Y_| XU1_P_| _P#@C3_TD'\!?]_Y_P#XU7T!_P ,C?LH_P#1L?P|_M_P#"+L?_ (U1_P ,C?LH_P#1L?P|_P#"+L?_ (U0!|__ /#_ /| ^"-/_20? MP%_W_G_^-4?\/_| _@C3_P!)!_ 7_?| G_| C5?0' #(W[*/_1L?P|_|(NQ_ M^-4?\/,C? LH_]&Q_#S_PB[' XU0!|_P#_ __ /| @C3_ -)!_ 7_ '_G_P#C M5' #_P#_ ."-/_20?P%_W_G_ /C5?0'_ R-^RC_ -&Q_#S_ ,(NQ_| C5'_ M R-^RC_ -&Q_#S_ ,(NQ_| C5 'S_| \/| _P#X(T_J)!_ 7_?^? _XU1_P_ M_P#"-/_ $D'\!?|_P"?_P"-5] ?\,C?LH_]&Q_#S_PB[' XU1_PR-^RC_T; M'\/_ "+L?_C5 'S_ /| #_ |__P"'"-/| TD'\!?| ?^?_ .-4?\/_ /| X(T_ M])!_ 7_?^?| ^-5] ?| #(W[*/| T;'\/| PB[' P"-4 ?/_P#P_P#_ /@C3_TD'\!?]_Y_ C5'_#_ /X(T_| 20?P M%_W_)__ (U7T!_PR-^RC_T;'\/_ "+L?_C5'_#(W[*/_1L?P|_|(NQ_ ^-4 M?/|_ _P_/_P#_ ((T_P#20?P%_P!_Y_| XU1_P_| _P#@C3_TD'\!?]_Y_P#X MU7T!_P ,C?LH_P#1L?P|_P#"+L?_ (U1_P ,C?LH_P#1L?P|_P#"+L?_ (U0 M!__ /#_ /| ^"-/_20?P%_W_G_^-4?\/_| _@C3_P!)!_ 7_? | G_| C5?0 M'_#(W[*/_1L?P|_|(NQ_^-4?\,C?LH_]&Q_#S_PB[' XU0!|_P#_ __ /| M@C3_ -)!_ 7_ '_G_P#C5'_#_P#_ ."-/_20?P%_W_G_ /C5?0'_ R-^RC_ M -&Q_#S_ ,(NQ_| C5'_ R-^RC_ -&Q_#S_ ,(NQ_| C5 'S_| \/| _P#X M(T_J)!_ 7_?^?_XU1_P__P#"-/_ $D'\!?|_P"?_P"-5] ?\,C?LH_]&Q_# MS_PB[' XU1_PR-^RC_T;'\/_ "+L?_C5 'S_ /| #_ |__P"'"-/| TD'\!?| ?^?_ .-4?\/_ /| X(T_J)!_ 7_?^?| ^-5] ?| #(W[*/| T;'\/| PB[' M_P"-4?\ #(W[*/| T;'\/| PB[' P"-4 ?/_P#P_P#_ /@C3_TD'\!?]_Y_ M_C5'_#__/X(T_| 20?P%_W_)__ (U7T!_PR-^RC_T;'\/_ "+L?_C5', #(MW[*/_1L?P|_|(NQ_^-4 ?/|_ _P_/_P#_ ((T_P#20?P%_P!_Y_| XU72_![_ M (+._P#!+;]H#XF:-\&_@U^VMX-|0>*/$%X+71=%L9YO.O)B"0B!HP"<]^U M>M_|_C?LH_| 1L?P|_| "+L?_C5? #0\ P5'^" P=^%_[>_|"5_| #/X3^&O# MLJU\>[J.ZFT+0K>T>9!IDA"L8D4L >*<&@#])**** "BBB@ HHHH *SO%WA#P MG\0//"^H>"/?2AC3]:T75K1[75-(U:R2YM;R!P5>*6*0%9$8$@JP((/-:-% ' MPO\ LF_|$!_V&OV4_P!M?XD_M:Z#|&O!%]9>(KW1+KX9^%I?":E/ 4UI:-'= MR6LDLLBLJS<$3AECC,)4*0'-?0/[2W_!.SJAW]L?Q38>-_ VI?V7_ CX[U;2 MM/\ L.G7_B/3!<26]OO:3RD)/"[W9OJ:]GHH ^45_P""%_| P2 1@R_|$[OA M>"#D'_A'4_QKK?CI_P $J/\ @G)^TU\3M1^-'[0'[&_@7Q=XKU985U+7M;T= M9KFX$,*0Q!F)Y"QQHH]E%?0-% 'S5\./^",G_!+CX0>/MA<*?PQ_86^`>A^(/MO#VHPW^B:0I^A+/9743!XY8VS\K*P!!]178?M: |$|/V)OV[+&QLOVM_P!F MOPQXX?2T9-,OM5LBMV:(QRR17,12:-">2BN%))&0*]EHH |T_9?_8W_ &6? MV*_!$WPZ_94^!'ASP+I%\0.)[VWT'3UC>\E ($D\IS).P!P&D9B!P,#BHO@Y^ MQ7^R?^SY\4?%/QK^"7P"|->&//%GC>XEG\6Z_I&GB*YU:26=IY&I*55%FUVYLWAN+H M(J"X:!T^TA5 4>;OPH ' KW7P/X%\%?#+P?IOP^^''A+3=!T'1[-+32=&T M>QCMK6S@086***,!8T X"@ "M6B@#YC\=?| !&'_ 0(6_$SXUR_M#>>._V%/A M]J7BVXO3>7E_/H^(;NX+;FFGM5866\|C-\S-)&Q8DDDDFOIFWM[>TMTM;6!(H MHD"1QQJ%5% P . .U/HH **** "O@#]G?_)6./VB_^R >$?\ THEK|_KX M _9W_P"5CC]HO_L@'A'_ -*): /O^BBB@ HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB M@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "M"BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ KX_X+ _)}O[!7_9?[O_ --$_"%IKGBB_UU\/^#[#4]_V M,:C<)+();@(0S1QQ032;%*ERBIN7=N !]>T5_.-^SO\ MT_\'*'P:_:^^)_Q MCB\)_P#"\+RUU#P&_P 6/A3H.ER7R6MKJVB/?:>+&*UC_P")?Y=HK1SS0_N_ MM#(THN!|Y_1C_@NE_P %JOBM_P $[OA-*?!'[,'P<35?C!\;YO+\+Z/XJLW MQHT8%NK>?;HZE[HRW44*1%PH<2%B0FQP#[(:*_"_QW_P5]_X+J?\$@OV@_AC M'_P6"\-?#WQ9\_B;?M!/>>$[:W2ZTA$>$7 BDM1&/.@6>-S'(DB2KN5),Y= M/IG_ (+G_P#!8K]IO]DOX_|PL_X)S_\$\? VBZU\;OBRT$L%]KT(F@TFUGN M6M;;9&S+&9))8IRTDI\N*. L5;>&0 _3>BOR+_X)R?\ !7S_ (*-?"S_ (*@ M+_P2*_X+"^'?"<_BWQ#I?VSPS3XW*VZ01W$IMGN4C?R@L4L,L<4R(XCC=)H_M+8-O!1_ 4I_P"'"OO\ P42^(7_!3V'_ ()"_P#!'_PWX4B\::-I8O/&GC7Q M5;I/':RFU6[:)/- W0Q110R1!W9)'>641]JE/G /UQHK\Q^\ @AS_ ,%B?VH_ MVI/VD/BC_P $V/\ @HQX'T31OC;!*Q/.VI:!"(;?5K:"X2WN0\:LT?F(\L#I M)$0DL4VX(OEEG_3F22.&-III%1$4EF8X ZDF@!U%?A#:."25881& M(U*(TC.RL_W%_P $LO\ @N-X"_;9_P""'7?B[]O3XVZ!:^&]5^$UIJ(^*&DZ. M6:'S+.T%WY]HLC%]D\++LC9B1)OCW-M#, ??E%?SY6?_ 6_P"#A_XW_LX^ M,?\ @K1\$? AE\--*^ /@SQ$]M^$,-,2XGFM(Y8D=R(,MS<+'YJ++-')$-WF M,L85&"?L[_P3@_;=\$ ^#9%_V+/ G[8/@C1VTR'Q;RTDIMJ@C1VTC0/YC:;?P2O;W5M MOP-X2>*0*Y"ETV-@;L4 >X4444 %? 'I._| RL_|$K- M/_X*W?L7S? 33/%MIX>|7Z%K46N^"-2 MRGTW^A]5FE*7EKLM93:]RJ\,3K'&PD41;OZ'_#OI<'[-?B?]A/0?^"@OQ)\1 MV7AGX(MI_LZ&>%)5C< '?.KN(@J L\F%0,64'\!_@5_P3,_X M+9_MO_M)?M'_ /!/+XR?'KP=H4/VKX=6W[1OBJZG6\GOK.PTO=H8M_*C#73F MVB25P?*+RQ(99%);=]R_\%Q_ ^",W[?W[6'[/?P._8-_X)^WOARR^#/PJ\+06 M]_9^)/%#6D^IWUO$EK:-,JQ,)?*@C9]W ,EU(2,A2 #YTT<_!8>(L_91HFF?V=YO3;_9.H;=N?^F^[\:G_9]_8$_X.]?V6_A' MX?\ @'\!/VGOA%X8\'>&;-;31]$T_2/#I2"(''))9&9V'9BS/([[NS,S,S$ MGZD_X+E?|$7C_1M#^-_P */L\,%AK\@BM]6MK> MY>YMBLA5D$LW_!W!^UNW^UM*\O&?^F' M3VKV_P#X)Q?\$@?^"C/Q/_X*?#_@KI_P6%\3>$XO%WA[2OL? @KP5X5GCFCMY M?LSVR2/Y6Z**&*.69D17D=YI3(S+L =W_!23_@CW_P %$/AU_P %.5_X*]?\ M$?O%?A5_&FM::+3QGX)\5SI#%-TEC$BLQ?Y #P M_P#9:^T'_@]-^+7_ CF? LO]AWOJI>5TV_V!8;MV/^F^S\:_:O\ :8.K#]G# MX@G02_VX>"-6^Q>7|[S?L OV+/\ @EMXO_8&^-GB&V\1:M\6K/43 M\3]8T8,L7FWEH+3R;11%#;((E78[*"9-\FU=VT 'R9_P3K_L(?\ !FQX],OE M?'XA_;,X_U_P!MU'R!^_\ JL?A7L_ 9^_P!K_P##GBS_ +2W^3_PLK7/ M[/W=/)_<9Q[>9YGXYKXM\ |@A_ ,'#GP0_9S\8?\$F/@=\5?AIJOP \9>(M7N9O&-YJ*6T\-I)+$\]D; (RM4C2PQI*-WF!9"'8O^SG_ 3B_8D\&?\ M!.K]BSP)^QJX(U=M3@\):6ZZAK#P>6V17\\KW%U<[,G8'GED*H2Q1-JY.W- M'M]%%% !7Y[? R_N=/\ ^#C+]HF6UTR6Z+? +P@"D1&0//EYYK]":^ /V=_^ M5CC]HO\ [(!X1_ 2B6@#[G_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^EK8HH M_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/ M^$EU?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ MX275_P#H4+W_ +Z6C_A)=7_Z%"]_Z6MBB@#'_X275_^A0O?^^EH_P"$EU?_ M *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^EK8HH Q_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/^$EU?_H4+W_OI:V** ,?_A)= M7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z M%"]_Z6MBB@#'_X275_^A0O?^^EH_P"$EU?_ *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^EK8HH Q_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/^$EU?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_[MZ6C_ (275_\ H4+W_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_[Z6M MBB@#'_X275_^A0O?^^EH_P"$EU?_ *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^ MEH_X275_^A0O?^^EK8HH Q_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q M_P#A)=7_ .A0O?\ OI:/^$EU?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (27 M5_\ H4+W_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_[Z6MBB@#'_X2 M75_^A0O?^^EH_P"$EU?_ *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_ M^A0O?^^EK8HH Q_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_M .A0O?\ OI:/^$EU?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W M_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_Z6MBB@#'_X275_^A0O?^^EH_P"$EU?_ *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^E MK8HH Q_^$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ MOI:/^$EU?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** M,?\ X275_P#H4+W_ +Z6C_A)=7_Z%"]_Z6MBB@#'_X275_^A0O?^^EH_P"$ MEU?_ *%"]_Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O? ^^EK8HH Q_^ M$EU?_H4+W_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/^$EU M?_H4+W_OI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ X275 M_P#H4+W_ +Z6C_A)=7_Z%"]_[Z6MBB@#'_X275_^A0O?^^EH_P"$EU?_ *%" M]_[Z6MBB@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^EK8HH Q_^$EU?_H4+ MW_OI:/\ A)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/^$EU?_H4+W_O MI:V** ,?_A)=7_Z%"]_Z6C_ (275_\ H4+W_OI:V** ,?\ X275_P#H4+W_ M +Z6C_A)=7_Z%"]_[Z6MBB@#'_X275_^A0O?^^EH_P"$EU?_ *%"]_[Z6MBB M@#'_ .$EU?\ Z%"]_P"^EH_X275_^A0O?^^EK8HH Q_^$EU?_H4+W_OI:/\ MA)=7_P"A0O?^^EK8HH Q_P#A)=7_ .A0O?\ OI:/^$EU?_H4+W_OI:V** ,? M_A)=7_Z%"]_[Z6C_ (275_\ H4+W_OI:V**/-_C9^TIX:^ O@V3QAXYT2YB M#$I8VGG();N;&1&@_F>BCDU^;GQ7^.^O_&S]H3PK^T+\2-*MJ0O?!'BBWUKP MKISNPATV2'< D>.1NCDD1FZL)&)[8Z']M;Q5\3O$?Q^UBS^)OB.POI=/F,.G MQ:3=B6UMK?.51 "=C8QN#8?=G/:O): IW@C@/*Y^N'P(^_@3]H3P)#X MW\$7OHE_82L/.LIL9,;@? HW1AR/;M*_3J@__A>O_"]/;_A2/^S_ &_]JW?8 M_L>[YO/Q^.W'S;NG>OT[K\5XYX9P_#&<^PH5%*$ES)7]Z*[2_1]4?M_ ?%&) MXIR7ZQB*3C.+Y6[>[)IX_JNC"BBBOC#[8**** "BBB@"..UM89Y+]*VC66;' MFR*@#/@8&3WP/6I*** "BBB@ HHHH **** "BBB@ HHHH **** "O@#]G?\ MY6./VB_^R >$?_2B6OO^O@#]G?\ Y6./VB_^R >$?_2B6@#[_HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHKEOBA|:OA9\&-)_MCX ME^-;+2XV4M##-)NFFQ_SSB7+O_P$&ML/AZ^*K*E1@Y2>R2;;]$M3'$8C#X2B MZM>:A%;MM)+U;T.IK)\:>/?!?PYT1_$?COQ18Z38QJ;B^N%C4G^ZN>6;T49) M["ODOQ__ ,%(/B1\3M;;P#^R=\+KRXNILK'J5Y9_:+@CIO2!EP5# M+J:KY_B(X:+U4/BJR] (K;U>W5'PM;CB>8U70X?PTL3)>.?P4H^LWO;LM^C-O MXL_\%/M/N-1_X0[!FSP'=>(-2G?R[?4+VVD\MV[>5;I^]E_X%L^AKF-&_8_ M:X_:IU.'Q7^TY\0[C1=- +^9#IQ&S(#VCMHR(H..,M\X[]:^K/A-\ ?A%\$- M._L_X:^";33W9-LU[M\RYF_WY6R[#/,,X'8"NQJY<7Y=DT73X?PJIO\ Y^U+ M3JOT^S#T5T1'@[,L[DJG$6*=1;^QIWA27D_M3]79GFGP5_9(^!?P&CCN?!?@ M^.;4D7#:UJ>)[LGU#$8CSZ(%%>ET45\5C<=C)_!!LAXPT&SO4DNM'-Y" M9[7[1&#F+S8@73=C'_#/A?PC'(UI/K(MM3+(Y #7#0!E8K&B%W "DQY+@ ^QZ*_GT_X-M/BE^V%\2/\ @X_:"O/VWM9 MOQ\0Y/A7K,GBW19KL-!IUZNM:(GV>.-':.-84Q$JJ3M5 N3R3]P_\%.?^"" _M[2/_4 _:MO_P!HWX9_\%9/"PBTJ\T>RLH_!FA>'[RXMX7@CV-,'BU>V4E MSR1Y0QZGK0!^E5%?S8_\$F_V+OVJ_C7_ ,%I[%SC_!O_ (*5?$GXF?"/]G3Q M=8:IX[^(-_>WUI8:U=VMR&&E0VIO[E)DGG@EB\QI-KPPS2 $;%?U#_@X<^,G MBSX^?|%OOAG^P[8?M|WWP |%:7|-5E\7^.#XAEM+'2KJ1;^^:6:-;JV25GAA MLXHU:169YE5$-2:V^$? A30=0D%A87;133P6NP.HAABC%NC-&!+(TSR, ^X'?| 5?| P10_ MX+=?&+Q'_P $._C?\=?VA?$LWB_QU^SGI]VNGZMK4S2SZS!+9^9I:W1W/C%$NM%\7W442H+J^LIVA^T%5 56FB$,S!0% M#2L% % 'U_1110 5\ ?I_[_\K"[1?\ V0#PC_Z42UJ_U\ ?I_[_\K"[1?\ MV0#PC_Z42T ??]%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444

*(-6MK&SMTW3W=Y.L4<:^K,Q ^M?-GQK_ ."G7PJ\&R2: M#\(M*F\6:GG8ER-T-DK].&(WR\]E4]GKU\HR',,JK>SP-%S[O[*]9/1?-GC M9QQ!DV0T?:8ZLH=EO)^D5=OY(^@IH/&-O"]Q<>(+".-%+.[V^ H'))))/ KP7 MXU_|%"/AU|*7ETGP]XKMO%>JQY'V?1H0;=&]'N"=O_?&|CN!7E\/P?| VZ_V MU9DU#XK:_)X3\,3,'6RN8FMXBG4;+13OE(ZAIB.O#5[W\$?V"_@#\%_)U,^' M_P#A(-8CP?[4UQ5EV-ZQQ8V)ST."P_O5]5_8O"G#VN:XCZQ57_+JB_=3[3]? MFHV:\SY3^V^+>(],IP_U>B_^7M9>|UWA3_)RNGY'S_#]?[?WI;<8CTXOX5\) MW/68;K&VEC/^V 9KD$?WG?!{_@FE\.OAS+%K'BV[MO$^HQX8?VE;'[M*C>T.<-_P,I/85]. # %%<6/XWS.KAWAC?^*?Q2?=Z7ZH[<2Y=_^ @U\O>/_P#@I!\2/B=K;> ?V3OA=>7%U-E8]2O+/[1<$=-Z M0+E(P.NZ0L,'E17T63<*YWGJY\/3M36\Y>[!=[R>]NMKOR/F\ZXLR/(7R8FK M>H]JF^UHK57Z7LO,^4K@GCWP7\.=$?Q'X[\46.DV,2?6XOKA8U)_NKGEF] M%&2>PKY?^+/_ 4^T^XU'_A#OV;/ =UX@U*=_+MJ0O;;3RW;MY5NG[V7_@6S MZ&L3P7_P3S^-/QIUN/QY^UI\4KP2/R=-M[L7%T%/)3S#F* ?[*!QJ*^H/A-\ M ?A%\$-._L_X:^";33W9-LU[M\RYF_WY6H#/,,X'8*O?]AP5PY_&D\=72/ MNT4_.6_EH]FCY_V_"$G\&"P-_!:2:[E!U9KRCM#YZK=,^4]&_8]:X_:IU.'Q M7^TY\0[C1=-+^9#ILQ#S(#VCMHR(H..,M\X[]:^DO@K^R1\"_@-"'<^"_?\< MVI(N&UK4\3W9/]&(Q'GT0**]+HKR,WXQSK-J/U?F5*@MJ=-89ES_5:3GR)RE97LEU_K4\_'YKEV5^S^MU8PYY* M,;NUV^G]:+J>TT445P'H!1110 4444 %%%% !1110 4444 %%%% !1110 44 M44 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !111 M0 4444 %%%% !1110 4444 %%%0:EJ>FZ-8RZIK&H06EM NZ:XN95CCC7U9F M('UI1.3LMQ-J*N]CDOCO\=_ G[/?@2;QOXWO?5+"PB8>=>S8R(T!_5NBCD^ M_P"?'_#>'QU_X7K_ ,+N_MG_ *8?V!YC?8_L>[/V?;^N_P"]N^;VK" :\^) MC+XG_&O5K[Q7XRT[8?*Y>#2I=%N?,L8[;.5$)))Q@L>]:,2>*\SK^GN"^ ,L MRO*O:8R*JU:T?>NM%&2^%7_%Z. :Q_+/&_B%FF;9LJ>"FZ5*C+W;/5RB_BE; M\%JK=[GZ;6G_4' 9I;X96GQ%U+QB+>;Y0A_#\:>;?QS#&Z,QKT&>CL50CO MVKQ3Q'^W%^T[^TG]\W@O]E3X976GVQ.R34A$LUPBG^)Y7_\5_&7XO:7H7A[PE;:M:VMS'<:NFHF1;2.V#?,96C(8] ,'FOU2\. M>&?#OA#2(?#_ (4T*STVQMUQ#9V-NL4:#V50*^!XBP"'G 6,4*5#ZS7E>25 M22<*:OHG!:R_[>WWN?H/#>8<6^(.#D?/EVVL?)_ MPO\ ^"9.H>(=6_X3C]J'XCW>LZA<,)+C3K&[=RY|);F3YV]*$ QV[!=K16FG=W?F?HV2\+Y'D"OA**4WO-^]-J[R>NO967D%%%> ?0!111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'Q)_PUW^T/\ ]%"_ M\I-I_P#&J_^,&L:C\>_'?@+XF?%FX_M;6_ACX@?6_ U[L$']FW[1&)IMD(1 M)LH2-LJNO?&>:K45_#_ ^MG%7_0?6_P#!L_\ Y(_//KN,_P"?DOO?^9Z3_P - M=_M#_P#100\ RDVG_P :K[;K\VZ_22OW#P9S;-/?MX_MQ_ K_ (U M? LR:_P#M5?M#ZG=Q:!H0CCBLM-A$MYJ5W*VR&TMT9E#2NWJRJJAF8JJL1[#7 MPY_P<,?\$ZOBO_P4R_X)QZK\$?@3+;R>,_#_ (DL_$WAS2KJZ6"/59K:.>%[M0R.0L;/#?L;^)_!OP>U6_P!" MA*ZS:6KRWOAB.[LC.LVH[T1;M+I/]+B\H(RVZ,8UN>&K]MF\8^$D\(_)_+ MXGT]-&G?V@=9DO$6U6T\OS//,I.T1[/FWDXV\YQ7\SO[$/_ 5T^'_[(O[8 MGQ=^'_!!+#Q%9:EX*M[F/PU=:!HK:?:7TNF7JMO,UK+'<> M9"V0K.T*,DBJ\H_X*-_\$W/ G_!83]G3X7?#CP?^TYJO@SX1I>6VNZA;^ D M B\4:.]H/LEM%\ZPQQ;721'>.55PN(\X(.6_P"'?\ P7Q^ G_!2+_@H5\1 M?V(O@!\.+NXT/P+X>:OHG!:R_[>WWN?H/#>8<6^(.#D?/EVVL?)_ MPO\ ^"9.H>(=6_X3CJ'XCW>LZA<,)+C3K&[=RY|);F3YV]*$ QV[!=K16FG=W?F?HV2|+Y'D"OA**4WO-^]-J[R>NO967D%%%> ?0!111 M0 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% 'Q)_PUW^T/\ ]%"_ M\I-I_P#&J_^,&L:C\>_'?@+XF?%FX_M;6_ACX@?6_ U[L$']FW[1&)IMD(1 M)LH2-LJNO?&>:K45_#_ ^MG%7_0?6_P#!L_\ Y(_//KN,_P"?DOO?^9Z3_P - M=_M#_P#100\ RDVG_P :K[;K\VZ_22OW#P9S;-/?MX_MQ_ K_ (U M? LR:_P#M5?M#ZG=Q:!H0CCBLM-A$MYJ5W*VR&TMT9E#2NWJRJJAF8JJL1[#7 MPY_P<,?\$ZOBO_P4R_X)QZK\$?@3+;R>,_#_ (DL_$WAS2KJZ6"/59K:.>%[M0R.0L;/#?L;^)_!OP>U6_P!" MA*ZS:6KRWOAB.[LC.LVH[T1;M+I/]+B\H(RVZ,8UN>&K]MF\8^$D\(_)_+ MXGT]-&G?V@=9DO$6U6T\OS//,I.T1[/FWDXV\YQ7\SO[$/_ 5T^'_[(O[8 MGQ=^'_!!+#Q%9:EX*M[F/PU=:!HK:?:7TNF7JMO,UK+'<> M9"V0K.T*,DBJ\H_X*-_\$W/ G_!83]G3X7?#CP?^TYJO@SX1I>6VNZA;^ D M B\4:.]H/LEM%\ZPQQ;721'>.55PN(\X(.6_P"'?\ P7Q^ G_!2+_@H5\1 M?V(O@!\.+NXT/P+X>:OHG!:R_[>WWN?H/#>8<6^(.#D?/EVVL?)_ MPO\ ^"9.H>(=6_X3CJ'XCW>LZA<,)+C3K&[=RY|);F3YV]*$ QV[!=K16FG=W?F?HV2|+Y'D"OA**4WO-^]-J[R>NO967D%%%> ?0!111 M0 4444 %%%% !1110 4444 %%%% 'Q)_PUW^T/\ ]%"_ M\I-I_P#&J_^,&L:C\>_'?@+XF?%FX_M;6_ACX@?6_ U[L$']FW[1&)IMD(1 M)LH2-LJNO?&>:K45_#_ ^MG%7_0?6_P#!L_\ Y(_//KN,_P"?DOO?^9Z3_P - M=_M#_P#100\ RDVG_P :K[;K\VZ_22OW#P9S;-/?MX_MQ_ K_ (U M? LR:_P#M5?M#ZG=Q:!H0CCBLM-A$MYJ5W*VR&TMT9E#2NWJRJJAF8JJL1[#7 MPY_P<,?\$ZOBO_P4R_X)QZK\$?@3+;R>,_#_ (DL_$WAS2KJZ6"/59K:.>%[M0R.0L;/#?L;^)_!OP>U6_P!" MA*ZS:6KRWOAB.[LC.LVH[T1;M+I/]+B\H(RVZ,8UN>&K]MF\8^$D\(_)_+ MXGT]-&G?V@=9DO$6U6T\OS//,I.T1[/FWDXV\YQ7\SO[$/_ 5T^'_[(O[8 MGQ=^'_!!+#Q%9:EX*M[F/PU=:!HK:?:7TNF7JMO,UK+'<> M9"V0K.T*,DBJ\H_X*-_\$W/ G_!83]G3X7?#CP?^TYJO@SX1I>6VNZA;^ D M B\4:.]H/LEM%\ZPQQ;721'>.55PN(\X(.6_P"'?\ P7Q^ G_!2+_@H5\1 M?V(O@!\.+NXT/P+X>:OHG!:R_[>WWN?H/#>8<6^(.#D?/EVVL?)_ MPO\ ^"9.H>(=6_X3CJ'XCW>LZA<,)+C3K&[=RY|);F3YV]*$ QV[!=K16FG=W?F?HV2|+Y'D"OA**4WO-^]-J[R>NO967D%%%> ?0!111 M0 4444 %%%% !1110 4444 %%%% 'Q)_PUW^T/\ ]%"_ M\I-I_P#&J_^,&L:C\>_'?@+XF?%FX_M;6_ACX@?6_ U[L$']FW[1&)IMD(1 M)LH2-LJNO?&>:K45_#_ ^MG%7_0?6_P#!L_\ Y(_//KN,_P"?DOO?^9Z3_P - M=_M#_P#100\ RDVG_P :K[;K\VZ_22OW#P9S;-/?MX_MQ_ K_ (U M?*8?V!YC?8_L>[/V?;^N_P"]N^;VK" :\^) MC+XG_&O5K[Q7XRT[8?*Y>#2I=%N?,L8[;.5$)))Q@L>]:,2>*\SK^GN"^ ,L MRO*O:8R*JU:T?>NM%&2^%7_%Z. :Q_+/&_B%FF;9LJ>"FZ5*C+W;/5RB_BE; M\%JK=[GZ;6G_4' 9I;X96GQ%U+QB+>;Y0A_#\:>;?QS#&Z,QKT&>CL50CO MVKQ3Q'^W%^T[^TG]\W@O]E3X976GVQ.R34A$LUPBG^)Y7_\5_&7XO:7H7A[PE;:M:VMS'<:NFHF1;2.V#?,96C(8] ,'FOU2\. M>&?#OA#2(?#_ (4T*STVQMUQ#9V-NL4:#V50*^!XBP"'G 6,4*5#ZS7E>25 M22<*

%;7X^TPJPZ!7!61/J2YKD_[&_X*9_LR,]'M_X%?\ MM1&4=!M?;,#TW.:^@OAG^TI\"_B^$C\ ?$S3+RXD^[823>3<_\ ?F0*Y^H&*\/->$^(MLF3EBL/)1_F7O1_\"C=?
>SW^_P"$D^/OQ(O=>OI6\RXM--D9(W;OOGDS)(#Z M@(?>OJO]4LHRCWL\QT8R7_+JE^\J>C?PQ?K='R?^M^OKOX<_!SX6_"
M.P_LWX;^!-.TA"NV22UMQYLH_P!N0Y=_^!$UTM'^MV591[N1X*,)+_EY5_>5 M/57]V+]+H/\ 4[-LX][/L=*I%_\ +JE^[I^C:]Z2];,^??A)_P $VOV>OAUY
M5_XHL;CQ7J"8)EUSEZ]ZTK2=*T+3XM)T33+>SM8%VPVUK"L< M<8]%50 !]*L45\GF>=9MG-7VF-K2J/S>B]%LODD?797DF49+2]G@:$::\EJ_ M5[OYMA1117F'J!1110 4444
%%%% !1110 4444 %%%% !1110 4444 %%%% M !1110 4444 %%%% !02 ,DX ZFN#^+'[17PV^$<;VNL:G]LU(+\FE6)#RY[M;^T8_P!
[G'0&O%YM<_:1_:SG:TT2V.A>&'8J[AVC@9>X9\;IS_LJ-N<9 ZU\ M=G/&N6Y;B?J6%B\1BGM2IZM?XWM!=[ZK>UC@KYA2I3]G!<\^R_7L>D_%S]K_ M .'OP]\W2/#3KKNJKE?*M9?
W$3?[<@R"?]E">E>J_"+]ECX;_"SRM3FM?[7U9,'^T+Z, M$1MZQQ\A/KRWO7IE>1'AC/N)I*KQ%6Y:6ZP])M1_[B36LGW2=KZIK8Q6$Q., M=\5*T?Y5M\WU.0^%_P
#OAU\)+0)X5T53=%-LVI76'N)/7YL?*/]E0![5U]% M%??8+ X/+L-'#X6FH06RBK+\/SZGI4Z=.E#E@K(****ZBPHK#\4?$GP'X,!_ MX27Q3:6SJ.8#)NE_[X7+?I7G/B7]K[P]!
(;/P7X9NM0E)VI+Q5GZ_XL M\,>%8/M/B37[2R0C*_:9U4M] >3^%>+?VE^U7\4_^/.U?0[.3^)5^R #UW-F M4_A6AX?_ &0X+BX_M'X@>,,[B\F5FJ4/5)WE)>EF>G_8>78+7'XN*?\L/?
EZ-[)^IJ>*?VMOA_I&Z'PY8W>K2C MHZKY,1_X$PW?^.US?_"ROVE?BA\G@SPP=,M)/NW$< 0%?^NLW!_X" :]5\+? M"'X;^#=KZ%X3M4E7IRB]X8=W_93 M_:"^ /P7L[-];M_C=\19?
#4M]+,+=]'CCMFN#,%"L)V.W;M^0#.U=%7['X<\%U>#\LJ+$24JU5IRMLDK\L4^MK MMM]W9;7?PW%&?0SS%Q=)6IP32ON[[ORV7W!1117Z(?,!1110 5\A?\%O_P#@ MI?J?
!*;]@S5OVEO"?A"TUSQ1?ZU:^' ?8:GO^QC4;A)9!+&H+FX@U'0_%*J MC'1M2@+&&Y*.RK(F&DC="R[HY7 9&(8 'XJ_L[_MT_\ !RA\&OVOOB?\8XO" M?
_"\+RUU#P&_Q8^%.@Z7)?):VNK:(]]IXL8+6/\ XE_EVBM'/-#^[^T,C2BX M'SG]Q_VL/^"B?[+/[#'[.=E^TO\ M:>.'$Z5J-E')I^BZG;;=5N[IX?-%C% M:IEY+@#Y64?
*A!+LJ@L/YY_A+\8_^"P?_!OI^U'^T!>Z#)X?^,7A3X:WG@72 M/C;JU_+)2XEEDWJL6T*C, M3M^=?^"+EC9:9_P=9?MBZ;IMG%%;V]8X4\3Q6]O!&$2)%\0:*%55'"@ #@
M5^N'[>'[;7[,_P#P3V_9_P!1_:A_:@\1P6&DZ(2FE6\<22WVI7KHWEV=E&2" M\\@## ("J&9V5%9@ ?FG^R7_ ,%?_P#@JU^R)_P5)\&?\$O_ /@L;X8\&:W+
M\3;>W;PEXT\'6T<3QR7+S16L@,(2.:![B"2W9&BCE1OGR5 #=5_P6K_X*V?\ M%*/@'_P4H^&7_!./_@F!X,*>)/%_C+P1_:\^DZ]80O)/%8UFGN((H0E MO922G>P&&!ST%>*_\$HO@-
^U9_P6Y_X*E6G_ 71_:Z\!MX0^&/@@?9O@YX: MDW'[:;=IEM4A9@&E@MY9IKB2YPJR71VHNT.L?L/[>'_!N[^UO^V_P %<-<_ M;PTO]NV+X7>%+K0K:PT*\\%"]'B73HX]-CLY;>-E,,
<:3%KLO(LQ.R8H8V#, M0 >J_P#!+'XI_P#!QQXQ_:>?22/\ @J;^S9X**?# >&KN1-4T"_T>2!DCC/Z-R21PQM--(J(BDLS' '4DU^&O_!+[]H7]MS_@ MF=_P78OO^"*W[1'[4VO_ !E\
^*-.EG*:WXINII[G3Y/[*?4[>:,S22R0*4 MBEMY(YC+D2*!SG]E?VF#JP_9P^()T$O]N'@C5OL7E_>\W['+LQ[[L4 ?BQ< M?\%J?^"WW_!2WXH_&7XE_P#!(GP3X)TOX/\ P59Y/^)
[IT$]_P"(X%$S1X:X MSOGFC@DE6&$1B-2B-(SLK/\ <7_!++_@N-X";_9_X)=^+OV]/C;H%KX;U7X3 M6FHCXH:3HY9H?,L[07?GVBR,7V3PLNR-F)$F^/W^L_6O@?\ X)"Q2/^""'_
4,.D>=]D_LWPP+ M?;G'^NN/M/\ Y!V9]J /IVS_ ."WG_!P_P#&9_P#9Q\8_\%%:/@C\,OAII7P!\ M&>(GMI?!EYIB7$\UI'+$CN79EN;A8_-199HY(AN\QEC"HP3]G?\ @G!!^V[X,
M_P""B_[%G@3]L'P1H[:9#XMTQVU#1WG\QM-OX)7M[JVWX&\)/%(F7R^?AC\0_M&??\ U6/PKV?_ (,_ M?[7_ .'/%G :6_R?^%E:Y_9^[IY/[C./S;/,_'- 'ZDT444 %? '[.__ "L< M?M%_]D \
(_\ I1+7W_7Y[? R_N=/_P"#C+]HF6UTR6Z+? +P@"D1&0//EYYH M _0FBL?_ (275_\ H4+W_OI:/^$EU?\ Z%"]_P"^EH V**Q_^$EU?_H4+W_O MI:/^$EU?_H4+W_OI: -BBL?_ (275_\
H4+W_OI:/^$EU?\ Z%"]_P"^EH V M**Q_^$EU?_H4+W_OI:/^$EU?_H4+W_OI: -BBL?_ (275_\ H4+W_OI:/^$E MU?\ Z%"]_P"^EH V**Q_^$EU?_H4+W_OI:/^$EU?_H4+W_OI: -BBL?
_ (27 M5_\ H4+W_OI:/^$EU?\ Z%"]_P"^EH V**Q_^$EU?_H4+W_OI:/^$EU?_H4+ MW_OI: -BBL?_ (275_\ H4+W_OI:/^$EU?\ Z%"]_P"^EH V**Q_^$EU?_H4 M+W_OI:/^$EU?
_H4+W_OI: -BBL?_ (275_\ H4+W_OI:/^$EU?\ Z%"]_P"^ MEH V**Q_^$EU?_H4+W_OI:/^$EU?_H4+W_OI: -BBL?_ (275_\ H4+W_OI: M/^$EU?\ Z%"]_P"^EH V**Q_^$EU?
_H4+W_OI:/^$EU?_H4+W_OI: -BBN1\ M8?%_0OA]I#:]XYA32+->/M&H7L42D^@W$;C[#)-?/_Q,_P""J/@'26;2/A+X M'O/$\S;(KFYV%SV->UE'#N=Y[.V"H2FNKVBO63M%?>>'G'
M$F1Y##FQU>,'T6\GZ15Y/[CZNKROXP?MG_L]?!;S;/Q'XXBOM1BR#I&BXN;@ M,/X6VG9&?9V6OFC4/#?_ 42_:S3S/%4EYX6\/7/6S$;6,+1GMY(/G2C'3S"
M5/K7HOP@_P"">7P>^'_E:EXZ\)ZMXMU!,$_;F6&T5O40HW/T=G'M7TW^KW#& M2:YQC/:37_+JA[S])3?NKS6_9GS'^L?%.>Z9-@O9TW_R]K^ZO6-->_)[=T<
M;K/[=_[4/[0>I2^%OV6_A)-90[MC:B(!=3IGH6D<""#/^UGV:K?A#_@FW\5/ MBCK">,_VIOC=S$F"]E9W1NKC;_ '#-)E(\>B*Z^A%?5>C72>'--BT;P]\. M'L+.!=L-
I9PQQ1QCT55P!^%6O^$EU?\ Z%"]_P"^EJ*G'$L!!TLCPT,+';FM MSU7ZSE^26G1ET^!(X^:K9[BIXJ6_*WR4D_*$?S;UZHYKX2?LR? _X(Q(WP^\ M
6=O=JN&U.X7S[IO7]Z^67/HN%]J[VL?_A)=7_Z%"]_[Z6C_ (275_\ H4+W M_OI:^+Q6,Q>.K.MB:CG-[N3;?WL^WPF#H*CAJ<806RBDE]R-BBL?_ (27 M5_\ H4+W_OI:/^$EU?\
Z%"]_P"^EKF.DV**Q_\ A)=7_P"A0O?^^EH_X275 M_P#H4+W_ +Z6@#8HK'_X275_^A0O?^^EH_X275_^A0O?^^EH V**Q_\ A)=7 M_P"A0O?^^EH_X275_P#H4+W_
+Z6@#8HK'_X275_^A0O?^^EH_X275_^A0O? M^^EH V**Q_\ A)=7_P"A0O?^^EH_X275_P#H4+W_ +Z6@#8HK'_X275_^A0O M?^^EH_X275_^A0O?^^EH V**Q_\ A)=7_P"A0O?
^^EH_X275_P#H4+W_ +Z6 M@#8HK'_X275_^A0O?^^EH_X275_^A0O?^^EH V**Q_\ A)=7_P"A0O?^^EH_ MX275_P#H4+W_ +Z6@#8HK'_X275_^A0O?^^EH_X275_^A0O?
^^EH V**Q_\ MA)=7_P"A0O?^^EH_X275_P#H4+W_ +Z6@#8HK'_X275_^A0O?^^EH_X275_^ MA0O?^^EH V**Q_\ A)=7_P"A0O?^^EH_X275_P#H4+W_ +Z6@#8HK'_X275_
M^A0O?^^EH_X275_^A0O?^^EH V**Q_\ A)=7_P"A0O?^^EH_X275_P#H4+W_ M +Z6@#8HK'_X275_^A0O?^^EH_X275_^A0O?^^EH V**Q_\ A)=7_P"A0O?^
M^EH_X275_P#H4+W_ +Z6@"KX_P#A%\,/BG9_8OB)X#TO5U"[4>]M%:2,?[#X MW)]5(KY]^)G_ 2M^#_B)GOOAEXJU/PU<$Y2WE/VRV![!R)!]=Y^E?1G_"2 MZO\ ]"A>_P#?2T?
\)+J__0H7O_?2T?^$EU?_H4+W_OI:/^$EU?\ Z%"]_P"^EJ*G'$L!!TLCPT,+';FM MSU7ZSE^26G1ET^!(X^:K9[BIXJ6_*WR4D_*$?S;UZHYKX2?LR? _X(Q(WP^\ M
A&_V@O^$EU?_H4+W_OI:/^$EU?_H4+W_OI: -BBL?_ (275_\ H4+W_OI:/^$EU?\ Z%"]_P"^EH V**Q_^$EU?_H4+W_OI:/^$EU?_H4+W_OI: -BBL?
MH_B+P3'^HEM=W#SZ3!:&1K9[K6OGH?A_%?'?'19>$-*CT+P M\I;]4;?(X]F
#.9<8\>X)U)XGZM&Z:!=LC:V3&AE]@]L\V3=N&GBY^V3QYZJJJ1!!_P W#VKW[X2?L3Y+4I\F)K@ \J:"(:Q1Y:_4_L71_HS6^*D^!,,ZS'Q=L]ZOA1M4L:1Z8Z]O=V=:.__8+K0:9.&8=WB
%%8_\ PDNK_P#H4+W_OI:_&*?$/$%1WGCZS]:L_P#,_:WPWPXOAP-%?]PH?_(GU/\$_ ,+Q/V:/^"-_+_RFWHJNB%OQ1SC36Q:O])>NO:>-=\5T&%\2[DS7I;O^$EU?\ Z%"]_P"^EJ*G'$L!!TLCPT,+'
[_P!]+1_PDNK_P#H4+W_OI:_&*?$/$%1WGCZS]:L_P#,_:WPWPXOAP-%?]PH M?_(GU/\ &*]%^S]]FQTV;X-I@]Z'L_>]E[Y?UWT6>C;G/MCW*OBX_K85(FW"R'FL\PI3-FW
&Q16/_ M ,)+J__0H7O_?2T?^$EU?\ Z%"]_P"^EJ*G'$L!!TLCPT,+';FM MSU7ZSE^26G1ET^!(X^:K9[BIXJ6_*WR4D_*$?S;UZHYKX2?LR? _X(Q(WP^\ M
)+J__ !]+1_PDNK_P#H4+W_OI:_&*?$/$%1WGCZS]:L_P#,_:WPWPXOAP-%?]PH MDNK_P#H4+W_OI:_&*?$/$%1WGCZS]:L_P#,_:WPWPXOAP-%?]PH
&Q17+K9(^;N)+Q1A8LF\PS,I?S%(A<5$7DV3<=7]F(@J$UZ0%A#\\ST;_!$8_O&_Q!Q7Q]X3E_C*8OK$/!EA!6BH^\3C3Q5\PZYR=2L=6KGH\.T?,F5!&?WH>!HWJZ\!OL8OZ:VRHR%VX3E]2X_HG@+=1Y_EJ5@!9-UUO\V5W_]_P
_M+QGKT5L64F"V7YIIO]Q!R?KT'2;[L/'.%.[T)Z4[P+^RMXKBBUG6#XO:!D>J:K=2LH=#9]J:G9^N&6J$[&ZW0:C
M5>,.+M<5)X'O$[7>M-_WI;03[+HH/7R2TK!:5C=LF9UI>[R^?EJW)]7.XJ=F+L&?]>8=XO>4)0:;Q^LR$ZP6@4H-.RHSZ/^]]>P0H.)A@UU^U7K$6]6J$]!MK3_22
_H4+W_OI:9XP.C=/N&YL@&]4BK2<7SL.<IR"JRY&CO^^!<+#EE\KK\3W1<TYVZJZ+]2T/*8S.&AG%/[<0Q=12LY**>*CK+CX/MCJ4%*P9HKP+6<E[EWE#O7P2^=6/Z+<6/J@P&=;CI\N
^+IVTWX8_#QV?IYCH]RX]]J !?QR*^\2U9.4!T^S@CA%$<.+E3:'@)T0V#[W:H$>F+%96/G5_&!W2(+=D0B!J5^@34+YBRW=
M\,?!^Z/5O%ELTR]_!U<&/V@@[)S[?ZRC@C;1+;&JD:[7/:6M^ZJ%>:<@T&^3CR*KBF*%P3<2]E8'B_G/=B!$[=]IKFVW?>:==HQU>B2(SDI!IKV*%+ILZ$.4WG_>V'.?!@.JNV*
[,^''@6>ZF WU5+A&VQU?)>.)<6]JWN8EK*+V[Q:<U]/\A2^IAUMTC:JU!*(J\7&=CG]6?<.A*<E(B_>9+.'OU7RW*^GMZ6-+A3PPSY&KTX]/GU<%=2_4(/7N4IXT#KZ8[[6RN:SH"9D@Q21QOKSF\>
M2M2AZ.VLEZV8?V]@<'IE^$C_$C%+@N?BG]"5V]Q@UB"@M>9:C7KD2&[?F7X>8E=HO&'F-2WJJEE[MYV-E'+J'JR<R]K[<34TN_?^<J+]C+7QT/,=J!N>8#EM<9E#L'MW=33<
]+1_PDNK_P#H4+W_OI:_&*?$/$%1WGCZS]:L_P#,_:WPWPXOAP-%?]PH?$Y]]-<^Y]'?'4YBMD0"0FYF>*<89UEE?1&W>]:ZK2=*TFKBM;F3\$,G0U^;&(B>19X\1=W
_A)=7_Z%"]_[Z6C_ (275_\ H4+W_OI:/^$EU?\ Z%"]_P"^EJ*G'$L!!TLCPT,+';FM MSU7ZSE^26G1ET^!(X^:K9[BIXJ6_*WR4D_*$?S;UZHYKX2?LR?
%?'G_!;W_E9,'_CD2JVK_/1G,F"_T4&L*=D%2NCO&W'*BM@.2_<Z+W-KQ)[5H*#GQ%P8:9&^1]M'/WK_.'WB$AZKQ%P3=/Q('X1RW?%KZ,B.%[-&'M>1&*A;_E<4[>3M@E)/
/!/+XR?'KP-_/^C0:[[6C2U@UQ-IB<$*$H&3U%UA*\[5(+Y.B'JIE?/+@K/VTB2+RM5&2<LBAVJNN+:'V)<ZBE"#(R&&!/ M/;9Q%-*I0V?6?]XR*/8/:>MQ*%B:T_Z'5:6,\C/@H&#DM
SD("S8Y8D]ZZR.UM89Y+J*VC66;'FR*@#/@8S3WP/6I* /S&_X M)W_\F_5@_?Q0#NB':JG>P>AW&B^HLV'T_/Q_O@N+X+.H9+?D:@Q+!>WT?T'LT+:J8-R2MC[7A@+>*Z?C2(30<P
ME@1CR[67)W'!VCO7A'_!PA_P1G_?I@)AG$ED+&R*B1*0GM3=DO1P0IHWI>>\E.7J.<K*&[90I6V-7E'^!%C%S?W.BAMY9G_PNV(ZO&PB=4=5/S&*DT!PS-3F>^NUX[*SKU&@&L^NY6UH
[XITYK;Q/\ #?QUJQ6!&J$1K@W"IAN@5CWKR5[3W#NC^6L?!7YM3GF)GR$*R)-9=,!/%)G%RNF6S8#64D>_2A5&=HAKQ0C>V6:WX[(9CK5;HT#PFS@F]>.\OL=K$SWDT]MW?UI+
M=G/'O_['P>_#OVT/C?9?9[@7#<'4@1PQR,HXW-1,E\[9;WQ?12JN=S?%
U"/#L#"98^+@#9/#'/)$)X3)YBA':-6553[A_X)<_ M!*;$O/V0YBOVZ?GC\B2HBL[T;*:J(#Z*KB[D5FA^'5^;X0;'ACR9O0PJ@>$'B7FZ61O0.1(ZUWMS?J/
$F/@=\5?AIJOP@_Z9MS\.KNE'TMYA7Z*WHDUS+=/_XI9-U>PEG26F9=VWP6-/LE&T>A7DH=PXR6G3EK#$XMCA7F\K%#T3L6N@X6/D=.QQ@9=W-YFF!YJKP.$Y5NX62O2?*YJIWR
L[_\K'[1?]$&R/@]U,-K2FMI2N$7>I+>V(2DE+5ZYSQKRM? M_E0+V!F'/%-CRCE@<E\W9!OL@7&WQ*C<+F1@&79I@:!9,6TL*K-[2?11:5A#B2)?A
M139IH;>)I[B541EW=L!1ZDGN1M#P,H]QR/K,8L$Y[*6Y^ME&&B:)(NR/PN2ON2I6/Y?39OTW%>D]!<W"/UZDZYSSOWF,BM%7L!ULWDW)R9=J1.3D$,L+T4=@*[F\B&S,1A.+
($[+\3Y['\6<-99=8G%TXM=.9-_^ J[_]H^.._QW\"? ML]^!)O&_C+L.1O6]:UZ#&@LM+]?_@K5@CV9]+1M7X9)8N<T>_JA/UUI*3^^8/7LDL:?]J(0HR9RJG*@K-U_@C
&SXB_'WQJWC_QZ\B1S!DTJS56$%K #_JXL M]?\ :;J3R>V.&K^@N#_#S+LFZ7UZ$:M:HK2OJZ&LC*<WI1$ZO97J-+G1!@=C:OO&%ZO/Q_P+N+%[X?*@E&:D;4BHXJ7ZA?5*8I^HP4XEU
C2[\079O;J'+>'; M:U,EY%(.&1NB#!Z8,9!%UHSNKS(6B:9BH3Q!RB=TBE-!DOSWO\%LEYH]!3POO%QL?@GW'6Q9!YW$'OOXHQF2[SDCM2^%QC[G\L71\G?K8%[4C(I$XO8N\=X8U
$V/B=\3=77QG^U+\8;N9Z9N6Q+5:$V=L9"4QVW>5A(PCJUZ/?%4TZ=#'Q/XK;[)K@=8@'1I)X2(EMTF\<'QH6@6Y7$%.=#=3:=$(XNK5I3%B^8G1C%;2%L[E%T7[\ZGK52@!KE8$];
MUWX_W=F/_'J\A^)?C&K%A71,>M3.LUT2]79N9,R51W.)?&6H9S=:*?[ZE0;C'N4\D[]?,A+`@Z%ZU&5=]6CGZ+NKDPZZ2IM?ZB\3PQE!Q_[:%,5.3/>FP8J5O@/1JP@X)+RWN
^T6DZ[98L^HRZVL7]9:B;]L3X=AB$\/:T1V)AA'_M2OJ7XA<%QWQT M/O?^1XOC:Y7Y:XAC.\:;O7(^+Q]FS6[(^`'^=3P(+RT/>;0$GEEI+\"2R.P9Z66;2UD9/3I'W'U8/3W0AEF
<0/_F'?WK_,]CHKQA_VR_#P_P!7X)O>OPS)MZ[KI!_2HF_;;TD%^+9!OJVK-B9P,SRZC2EH"KX08S+K?%<:.PUDP'+$%!3N)\$P9/;[D$XJ6%N?[#W$;O"3?RGKUDZ$_:33H
#3+=O^)MG]!#63\4^ MU_S&?^4ZO_@C^@1FX9+@M>H@[T:B%8SH/+O6N+;5/(TN:.Q+8XR$"L_=OEA9B+XV?N:IJFR!XJQ%@BCS
.&I/B2_S1?"K@_=^28_^RT?\-)_&-_EB^$WS'I_H5P:/^(G\)OX95'Z M4JG_,B'^J6_P"T)M?\-7&%Z\6@W!5?1)O@Z\F[4G<.O.;[Q\7'&.WPGT'_V5.E'*!YO!.\%=9RUR;FLGF=N(KQ6[S0JOM^W5UL>M3U
M_:>E^=/A3M!Z#^PKD8_-&T_+I?Y5^'.,]_#'>"=3$I:B\7)%'VQVJO+L&2!SJVPUXIDH2T*9R4H4V:,;V\Y6HWXY4G\Y=.@U]R6;@VQT
)A_JOB5OB**_P"XB_R/L/'7^32>V>-8^?@JYEDT7:P_[/VV5PO:Y!V,2?4X@[7G:3=3)O6FUUN\Q]%WF*T0#M3)O\$.3HJ>?FCT(G:R\H8]^CWP^R1
:Y\;^&OB-;O1FYZUP9:C%QOH$YE-:H';N%=:PG)Z3RE<(@M;=Y^B^:S73BB!VX@6+?T.KF<W5,C:D9P_.ZQ8S<?QNGKZ$]@S6%3BFTSU@2.WO7
PAS/EIJ^T8WM%]VM6]7J?K&59# ME>5X?EHTH\TDE*5_"!GVGN_)/1+1:'I_[(_CCPW=^M4%HT@]RK@Q@DC2DMRE^Z@:TCPFN6N5WG8QQ?>K6SO\K=G9A-4JO6JKWR=@
<>^<5[=_PO M?]H?1^-=0H8M&JR_RE]$&'WH2GMF8;CL3M8"@Y'P"?VPBZ]&[YRD%.$E0QKSBUG6?-8WCHMU3UYKT.)5'@VE?,TK=C?NJDS-G?PT.@'X5R?\'
UY.+_)GL%%%>;;6/^ST)+;W&V%+92F^+\H0VDCG3NU2[UDOV7OT>'1[^L/GO%X_@#?\D!X/E$=%+4+HB*TQ[FD>[WRM@4@>%!Q4G2;.F(53-LZ4F=J1)
/\C@J4*]'XXM>J:)****Z3(****Z3(**** "BBB@ HHHH * M*** "BBB@ HHHH **** "BBB@ HHHH ***\I^+O[6_PZ^&WFZ5HLHUS54RIM MK.4>5$W_ $TDY ^BY/&#BO,S7.F'7-2=
MO+2[,;&!7/ "*/FE.?23]":Y&S\ _M&?M4W4>K>.]3;0_#S.'AA>)DC*]08X M<[I#Z.Y[\'M7K_@OX9?!++]GG3UNQ/9VUV4P^J:I.IN)?4+GH/]E /?-?"5L\ MXFFEIN6/)G@&EW@?^%?Z.C?+A!RO9+L(O('^X0YV)]A=E^8.G@FF^;@<8;Z4MHFS'G)W8[T0LEN/0*7U(<;
V2[2D]M4T]#BISS',IJ&&BXQ?6UY/T1S%94/T1Y7X9_9 MH^_WQMU:/QG0\?O%%U:0-S%8$CS]IYVJGW(![8)]5[U[WX$<X_!'7ZI4/[G.KWSFS@E7^M+Z/$$DR
VMOA_I&Z'PY8W>K2CHZKY,1_P"!,!,-W_\@5FR@ M([7>LYPM\#J*<8#7=EUIFP=?#:5CO'R@2U]FNTN6AKS<UE%&ZQ8<&F4KWZZ<S%&=*1\)Q0M@J%;JJ!EQ1R*9KAO\P:L^L%
/>=65G^.OX(]QU5]*T6U-#KF:*DXJ5&77W,4*&!DOWK#)A&GM)PHHM6ARD<<KI7
'X5^$]LEKX8CNYE_Y\;;#S!P_\ >8,WS=WD];P.H@WO#Z?'86<MX1RY,DH$0&HMR5H7:-UI)PJM<I3"JDW-9*]*RT:J2<?R%>ZL72JAH_AR4G7E->^M5^N"?1C@I*6/%55#N.:\
M>_%#Q)5/-!@QC^S_S7PO+K9<-4J10'[M[_-DM[@\QT=%8^TLVH2^[F'\+/,2.D<8/[R8X'YHZJZRNQ#&A4L<9Y00OG!'-]R9-4A7MPC8H6;B<:>B.RR9:80.1A5PN!:2J4W)\#<
88['2YL14$?_ $HEK[_KX _9W_Y6./VB_B>B_P#L@'A'P_P!)(BDLS' M:U,EY%(.&1NB#!Z8,9!%UHSNKS(6B:9BH3Q!RB=TBE-!DOSWO\%LEYH]!3PO^BBB@HHHH$**** "BBB@ HHHH * M*** "BBB@ HHHH **** "BJNKZWHV$(VV@_FJ:V!:_W4&9V2$&*M.P93:<WZS@/U'IK8XKR_>@!/9B@)RX>VY@JPJHOL:!GWVHL&K=EL>W;TI2&I>.M0F=EWC2B?/;
(='#WA8^FZ$,H_%A7=@\LS',9&G*&*O/\ EI0E M-_7?W_&4/AK]0[=2$=/TCN];!OE0-VTXSYYX4?LN\"U2"[O5^=[LI<^0Z#YV$C>2(O,%J?*+=%J2O$L7[V=!8,+
*^SDUQ@,'_IC9CRC^)%=#X._"U3';@:=*U=G5:-C0XD@>"[_PA'8VW&1(53Z,H:4"P>!@S]E>@H[VV<*T4RM@'/^-7C!(^PWN!5)DEEQO[*8(@+YV:SN5'YRBVGMA8QDW^3K'+-KO
PRJ45_-6G&%O6&LON9WGC3_@I'^RSX2WQZ?XGU#794X,6C:8Y&?9YO+0_4 M$UY?KG_!5/Q%XCO#H_P<^?ZEKZZ>9V_P"V$"9_)Z]M\%_L*?LL>"-D MEG*+U.N5[+C<5$U2!^W4-^&C6W)S(G4PK"\?;)/HRIDM&PV?#)F=D#6/\:BFY5P!7P$'0-?-9!+/=5B=IHI=-'5)7.)E@BTH&^PBU)@>7IE5V8'?\2BI\#G4"X8(=9+YE!:
K,LEWN/J4E8I^2BO4=#\.^_#-D--\-Z%9Z?;%;ZO^(DCJF[I8YG"O7$RNJFM9_Z+V=U.ZO[W!]2/6B0$7?I-/"A!\;IKRO1*GTP\TQ=?I.^1WB3D&;?:S:MW,_S@;/9/VIA9GH
H/O=%IA_P !YIT/_!./]I#XGRK=_';]HOS MS!C%]IN=29?;$K1JOX9 K[4HH_U_S##:9;AJ.'\X4TY?.4KW^X/^(>Y=BM]5/.'@EI^SQH&R;Q5J>N%Q[*XDVY5&@45VU(6>5]@5?+?*Y(X(=S_M<^
M];\%_LQ_L^?#T*_AGX3Z5&Z\?/<6Y-Y*3_`:[ZJ&ZUT3-D[^LP7@+OJ+RI:&^JG2>L\3;T)7*CQ:&I[E_*0^O-1R0Q"%E9[A@XH"-O*XY!@?0$@V^YJ@&*\O\1M@8L<$D.T6R
>OT[HKU^&N. M2\4XFEB,,_]=S2E0@C3^?KE3C_M0N'^%ZW4=9N%-D:X\5_>4C+=@DL>WEF:X#8!?!0E+>@I;C1I<,HLJJT4MJ9Q&M>*Q
M5;_A//VVK:/0#6I?(>P]Q+[Z.!:9:DKB8\!RYS#SAR"CQFB:>,[>0O[EJI-HU@,TPG8W+(5SFBOSB'&[S@!EW%'E2%BLM?<1I&HXT"IUGJ<"I
]Z%KZ67'_] !<)^1K6T3]?CKP:7XP_ZK;H:6*CQ/!:MQ($QNX"17$(:IA><69+$U/9[^QLZ!ZOQXDH*R6U3O[VY=FUL3;J?:8H2?_BSHP16=2FH:=!+8/X\M1
(RMKJEUJ##^&RM&Z_63:#^==QU>]9I_@Y(_2NKT_2],TF'[%G06T^]/TD:#7WZ9/.7BZ,=<LC61F/ZO)9Q!9V9K(F(A%N\@R[JGRXQ1Q,AMLGOFQ8K9D`C[7)EAQ5Y
<_&'S>./B4(XW^]"UY+-C_@ PGY& MO=J*6]B$L)BD_?;9*T?+N-WXU?]_?$9%!K5^@Z^J9_RL/7Z3*T)0XWE-UXP!Z,BPBK4E)
_9[N#2[M98L^A\GD>Q!'M7FO]F?2 IH:\2A_?^5HV3PC@^X*E/6 M;YB)^,B6>G:1@F.NH4+9G0O7>G4[G=;I=QG>;G+;CD3N0&5A?NBJK2N]'<?5*8=&0<\S6DS4V4
MKE90J):]4WW5K[]G:QD_#;P:(}[8-/L"_/Q%D%N;P7+FX($Z_:D?4OJ%JXA;'PT%L;U>$8(H2J_T&Y*9;[`X&*2I=2`&5?[:?R:5`S9F0\Y/4(
EE13JT<36DTY\KA44%KRQOKOJV]+O17M<^1S_B MQ9WBBU]2J-4X*VDM7?]J[/RT]# 3X5_#&,87X>:(?][2HC_-:E7X;_ [10]> MM% '0#2X?_B:VJ*_3EE.51VP\/\
P"/^1X#QN,>]27WO_,RE\">"%*(*^#=*! M'0C3HN/_ !VI$\(>SXSNC\+Z)OAUXTBN1J$A>[LFLIX3'*?O.#)&JE6/)&<@ MD]NG)>;$4\P2KM_O;N*X6BOX+S7&/-5634G%VZ7TE?
\#V;X;)^)?@]H?BN/Q-\1O&D5LNGR![2 MR2RGF,LHY5R8XV4*IYQG)(';K]?5^;=?I7)7!>"..]KE^+PBIQBJ;@^97YI. M?/?F;;6BBDDDDDDM=V[GG2XGS#BC%6KXI)")"&+_T
BL>]_9=^#UWDP:'%_(?_0R MU>>AT5XV(X4X8_!4!$GU'^ST%J!]^;7.ZGG.;4@?@Q$U_V\V|\SR6]_8]^'TV6L=?U>@_DC<3 M$3>GH'DC<#_QP'T':R;GJ]C58G\[2/B$)B&P0Z^'Z)=/Y_[Z6]RRW"8BO$K^&O
^(=Y M8.*_PRG'_P!)DC0I\5\04]JGD^AT-\3[Y@+#9=Z9$#&"L&XR9.'V@R\84WWD^N^%,'QZU7^.V+88\RBIKOJBSMIF5$4)*+WFO,D8MSUE+^:+^X$<MWKP'X0^J/@LM6>P7!V;,NA_>
(H+]'A?_"3?!M@E+)_)%.P_+ F_Y0)*2M\I"L51FG_&MIF.IHO)H#DOZ&O@"M<:H]\XV+@WUA#R]WS\FM?'V_?S_](ZH%4A(XG/QR^+)[T:S[G*;1'N&WRW]/C$V6VY^Q_(JXSCO'
M]4Z$5^,,7Q+-X\G_H'2HIAOIAK2H5YQ4JS+PA&[E-H'DT[57G:E'O&$OVW>N/MU]X^7DP2H+Z,AIUZ4I"IF:?VKV:7-@O:EFF8*KC7M<.+YE7<^)%WV]5DNV7EB]#BMBE8$B0
.W&O\SL;+XA M> M2Q_9_C729B>T>HQD_ENK5@N;>Z3S+:=)%_O1L"/TKR&\N3I_B[4M8(T^&O[@^7>6Q\$_$^7HL&6"@,=2NI5ZBXA1_7ZMZLL5MZ7TX#)Y/NYJUE]GXHR[Q2W
A)"^H<,5/@QKC_ (J;?Y,]I6;%45MBC_M!IA1VL;8C(>DZM(I6*SK.]IM!7T;?O*'+#%0+L:J:>A.=:V*H:GB[]\%J>&0V7_(SLO)-J'DN*\Z17B&L'=7]M!0SR9S8O;EH_(5KO
7=J=A:W('4M%;OG_OTPHA_:C^+5@<@V;8_N]WW8:Q6U'>F+N"UMB!'R?[V7\9I<K+YZ>7 M7JWP[(AGM&]'4VL9C3=R)8C3J3OG;S0DB+D!GHT6N5<@/KL'^]\O0:F\XNKM?FY2_;!CB
I2!J'AS5H<]XTC<#_Q\5V4/$S@:0@D2D_+QQO+V]B*C81KDP7Y8[D@5E2&KUN;H1IRZ0[D5O'O?[]=H6N.)BH]F<BSDB/7'VPNE6+8MNG?0BV_IGV;N]AQHE9=+!H5)0-F<8D=0E6
M,K1WNYJ[5WI;6,59W3V7RV=\'8C!XUNEB*=6VO34FUJX\)FKX4BFNI'?D95&TR7GA3WE2A\5OXF[5UOF.)UQ/'KNN_PP!)QYK.9XB:9\WR#G,&YE>BXE.F*)B?>3N!X86!'QY8Q

*M(W/BK6P1LU'5D$4,;]C%"-Q^A;YL]"*]5|+?L@^#]/VS^*]C^&O /@OP=&$\ ^&;.S(&#+%"/,(]W.6/XFO4RO@;CK,<6L=F56 M%.]_MSM6G' !#^%%=K:I[-'C4\ONYLRG|*T/#_ .R'!<7']H_$#QG<7DSG,L=F,9/O(^2W MY U[317W5'PYR>M45;-:M3%S76K-N*](*R2|G='¿4XHQT(.&#A&A'^Y%7^;= MW\]#F_"WPA^&_@W:^A>$[5)5Z7,R>;+GU#/DC\,5TE%%?;X/ X++Z*I86E&G M'M%**^Y6/ KXC$8F?/6FY/NVV_Q"BBBNHQ"BBB@ HHHH **** "BBB@ HHHH M **** "BBB@ KX_X+ _\GV_L%?|E_N__37)7W_7P!_P6! Y/M_8*_[+_=_^ MFN2@## [_HHHH **** "BBB@ HHH\)>>/?!'PM|&:G\1?B5XOTM0- T6S>[U?6 MM8O4MK6R@09>6660A44#J20* -:BOAK]G#_@XE_X):_M.?M1^(/V6O!'I0=A^ M397]C?:? 9^$_$&MYM-.\7SW$19X["64+||4N('HC,KL/)$JG-?%;*"=I-.ACD@CD+RF,0DK M)=0(RJY96?! *L!T'[27[5/[.7['WPXD^+G[3WQFT#P1X=2X6W74]?OUA6:9 M@2L,2_?FD(5B(T#-A6., D '?T5X[^R3_P % _V+OV[M(U#6?V1OVC?#?CE- M)*#5;;2KIENK(/G8TMO*J31JV"%9D"L5(!.#3OVMOV_OV,OVML-?| VN?V MBO#?@:+56<:5;ZM=%KJ]V8WF&WB5YI57* [F5"%W+DC(R >P45Y]^S5U=^S= M^V+\.4^+7[+WQHT#QQX>:X:WDU'0+]91', "894X>&0!E.R15;#*<&(>~@ FO^Q_\3$^#7[2'I8O@[PQXI(C,^A7%V\]Q:!U# (;A8$?[- MN4AAYNS*D'H0:]W\#>.O!7Q.\'Z;\0OAQXNTW7]!UFS2[TG6M&OH[FUO8'&5 MEBEC)61".C*2#0!JT5\P^./^"T?_ 2I^&WQKE_9YIAE>59EG6']O2G3E#0;E M3].:U_E<^]:*^=M2_;SO-+D"7/P?&#]UUU_(/_DO7T37T.1<4Y#Q-[3^S:WM M/9VYO=E&W->WQ15[V>U]M3SI-T\1.A-.,X?$FFFK[;I;A1161XJ\?^!? UO] MK\:^,]*TB+&0^IZA' ";>PS7T=.E4K34*<6V^B5V34JTZ,'.I))+JW9&O17 MB7C3_@H;^RMX.WQ1^/I=8G3K!HMA)-GZ.P6_P#?5>4^)O\ @K#:7]U_9?PJ M^"5_? S2'$#ZG>A6)_P"N,*N6_!Q7U&!X'XKS!7IX227>5H+U]H^5QW'?"67 MOEJ8N#?<)*OAF4W#+!^QTU#Y4Q2/L.@ 9)PU-?%\) PNj_ (*>_&;Y?!?PU?PW;2|)%?>. MT&T]]J\Q)X[K^% _8(_; ^+9|WXW_M"B*"7[UJ^I7-\4'<>5\D0>BMBO1_U* MPN#US+,J-+NHMU)KUC'_ #/-_P!>,7C-,LRRO5[.25*#])2_RJ'QI^T?\!O MA[O3Q?| %O0;26/[]L-0228?]LD+/^E>2>-/^"HO[.'AW?#X8M]SL M/(B/U:N>" M_P!D7]FKP!L?PY\&J%\Q/N3W]O\ :Y%/J'G+D'Z&CD\.\OWE7Q,O)1IP?W^^ M'/XD9AM&AA8^,E4FON]QGSE<_P#!2GX]_$BX>P^\/[.OG,6V]Q7.HN/G>" | M@FG^RN5V2:MH>]:_*O._5]38+G_ '8!&"/8YKW^BN+&<><68V/*\5*$>T+0 M2_| 4G^)W8+@#A'!2YUA8SEWG>;?G[S:_ YKP;\&_A-\/ O_"#?#;1-*=>D MUEID22'W+@;B?49CG@D#HP]B.#4U=T)P MJ14HNZ>S1SRC*+:;LPHHHJA!16? K'BOPQX>4MKWB*QLI#_EZNDC/Y$UR.M_M M+_ "'1LJGB&2]<=4LK5V_|>("_K7DX_/LDRN_UO$TZ;[2G%/[F[G;ALNS#&?P M*4I>B;7WG?45XKJO[8MC))]F|*^!+JX=CA#=W 0_]H&S^=4_P#A9O[4OC/C MPWX).GQM>]R1=/V9'KNN#M/U%?*U/$OAF4W#+!^QTU#Y4Q2/L.@ 9)PU-?%\) PNj_ (*>_&;Y?!?PU?PW;2|)%?>. MT&T]]J\Q)X[K^% _8(_; ^+9|WXW_M"B*"7[UJ^I7-\4'<>5\D0>BMBO1_U* MPN#US+,J-+NHMU)KUC'_ #/-_P!>,7C-,LRRO5[.25*#])2_RJ'QI^T?\!O MA[O3Q?| %O0;26/[]L-0228?]LD+/^E>2>-/^"HO[.'AW?#X8M]SL M/(B/U:N>" M_P!D7]FKP!L?PY\&J%\Q/N3W]O\ :Y%/J'G+D'Z&CD\.\OWE7Q,O)1IP?W^^ M'/XD9AM&AA8^,E4FON]QGSE<_P#!2GX]_$BX>P^\/[.OG,6V]Q7.HN/G>" | M@FG^RN5V2:MH>]:_*O._5]38+G_ '8!&"/8YKW^BN+&<><68V/*\5*$>T+0 M2_| 4G^)W8+@#A'!2YUA8SEWG>;?G[S:_ YKP;\&_A-\/ O_"#?#;1-*=>D MUEID22'W+@;B?49CG@D#HP]B.#4U=T)P MJ14HNZ>S1SRC*+:;LPHHHJA!16? K'BOPQX>4MKWB*QLI#_EZNDC/Y$UR.M_M M+_ "'1LJGB&2]<=4LK5V_|>("_K7DX_/LDRN_UO$TZ;[2G%/[F[G;ALNS#&?P M*4I>B;7WG?45XKJO[8MC))]F|*^!+JX=CA#=W 0_]H&S^=4_P#A9O[4OC/C MPWX).GQM>]R1=/V9'KNN#M/U%?*U/$OAF4W#+!^QTU#Y4Q2/L.@ 9)PU-?%\) PNj_ (*>_&;Y?!?PU?PW;2|)%?>. MT&T]]J\Q)X[K^% _8(_; ^+9|WXW_M"B*"7[UJ^I7-\4'<>5\D0>BMBO1_U* MPN#US+,J-+NHMU)KUC'_ #/-_P!>,7C-,LRRO5[.25*#])2_RJ'QI^T?\!O MA[O3Q?| %O0;26/[]L-0228?]LD+/^E>2>-/^"HO['AW?#X8M]SL M/(B/U:N>" M_P!D7]FKP!L?PY\&J%\Q/N3W]O\ :Y%/J'G+D'Z&CD\.\OWE7Q,O)1IP?W^^ M'/XD9AM&AA8^,E4FON]QGSE<_P#!2GX]_$BX>P^\/[.OG,6V]Q7.HN/G>" | M@FG^RN5V2:MH>]:_*O._5]38+G_ '8!&"/8YKW^BN+&<><68V/*\5*$>T+0 M2_| 4G^)W8+@#A'!2YUA8SEWG>;?G[S:_ YKP;\&_A-\/ O_"#?#;1-*=>D MUEID22'W+@;B?49CG@D#HP]B.#4U=T)P MJ14HNZ>S1SRC*+:;LPHHHJA!16? K'BOPQX>4MKWB*QLI#_EZNDC/Y$UR.M_M M+_ "'1LJGB&2]<=4LK5V_|>("_K7DX_/LDRN_UO$TZ;[2G%/[F[G;ALNS#&?P M*4I>B;7WG?45XKJO[8MC))]F|*^!+JX=CA#=W 0_]H&S^=4_P#A9O[4OC/C MPWX).GQM>]R1=/V9'KNN#M/U%?*U/$OAF4W#+!^QTU#Y4Q2/L.@ 9)PU-?%\) PNj_ (*>_&;Y?!?PU?PW;2|)%?>. MT&T]]J\Q)X[K^% _8(_; ^+9|WXW_M"B*"7[UJ^I7-\4'<>5\D0>BMBO1_U* MPN#US+,J-+NHMU)KUC'_ #/-_P!>,7C-,LRRO5[.25*#])2_RJ'QI^T?\!O MA[O3Q?| %O0;26/[]L-0228?]LD+/^E>2>-/^"HO[.'

%WC>+1=>>Y0.UW9KIN?+D)Y92;R?@_P!]O6OC7_@C MM\9O''@S_@W_/\ @H+X6T74YDM=/T[2/LZQN0%.]I+I]V1_O00HI]0!7HG[M%_[2?

[9Q_!M5J7Q^_8;^*7[$_CCQK<>,-0:Y^$OBOP_82'3[^\6&6WAN@ZQL M)H98S;NR1GS8FB:-D#$[/JK_ ((L?\$0_C-X<_X(:_'#X$_'_P -R^$?'O[1 M>G7?PF\$:A_P*

M9L_$LW>BVS_VSX)\KK[@ML']J/+7I%?1?_:(^--< M\5?\$;-#T75|EY(?#GC[7=.TT.C330#3M0N%>Z"QOQLUR27N!')" MS1.LZ-

NPOS_MY_P0F_86\9_)#X\)^'9'P]_9Y^*5I';^,7CNM:\7VL4]N+:^O M9VF-N64E6:&(PPL5)4M$Q4D$4 ?7]%%% !7'_ ?5-/TK_@XT_:)FU&[2%6^ M 7A!59SU/VB7BOT&K_OV?((9_|

@XW_&BUGA5P/@#X1(#]#_R\2T ?=_ \MPF/AC_H-0?|_?5'_F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&'_OT* M *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&'_OT*/[.T_|_Y\8?

M^_0H I_\)CX8_P"@U!_WU1_PF/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&'_OT* M *?_8"&/^@U!_WU1_PF/AC_H-0?\ ?57/[.T_GQA_P"_0H_LI3_^ M?&'_+[)"@"G_,)CX8_Z'#4' 'U1_P

)CX8_Z#4'_?57/[.T_P#Y\8?^_0H_ML!3_/GQA_[)"@"G_P_)CX8_Z#4'_?5'_'8^&/\ H-0?]!5<_LI3_P#GQA_[)"C^SM/_.?&'_OT*?_"8^&/\ H-0?]!4?\)CX8_Z#4'_?57/[.T__)\8 M?

^_0H_LI3_\GQA_[)"@"G_P_)CX8_Z#4'_?5'_'8^&/\ H-0?]!5<_LI3_P#GQA_[)"C^SM/_.?&'_OT*?_"8^&/\ H-0?]!4?\)CX8_Z#4'_?57/[.T_)\8 M?^_0H_LI3_\GQA_[)"@"G_P_)CX8_Z#4' 'U5S^SM/_Y\8?\ OT*/[.T_GQA_P" M0H I_P#"8^&/^@U!_P!]4?\ "8^&/^@U!_WU5S^SM/\ ^?&'_OT*/[.T_P#Y M\8?^_0H I_\"8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_)\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z#4' ?

5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z#4' ?5' "8^&/^@U!_P!]5< LI3_^?&' +[)"C^SM/_Y\8?\ OT*/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_)CX8_Z#4' 'U1_P)CX8_Z#4' M_?57/[.T_P#Y\8?^_0H_LI3_/GQA_[)"@"G_P)CX8_Z#4' ?5' "8^&/\ MH-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX M8_Z#4' ?

57/[.T__)\8?^_0H_LI3_\GQA_[)"@"G_PF/AC_H-0?]!4?\)C MX8_Z#4' 'U5S^SM/_Y\8?\ OT*/[.T_GQA_P" 0H I_P#"8^&/^@U!_P!] M4?\ "8^&/^@U!_WU5S^SM/\ ^?

&'_OT*/[.T_P#Y\8?^_0H I_\ "8^&/^@U M!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3_P#GQA_[)"@"G_PF/AC_M *#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.T_)\8?^_0H I_\)CX

M8_Z#4' ?5' "8^&/^@U!_P!]5< LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ MPF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* M *?_F/AC_H-0?]!4?

\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8? M^_0H I_\)CX8_P"@U!_WU1_PF/AC_H-0?]!5<_LI3_\GQA_[)"C^SM/_P"? M&' OT* *?_"8^&/^@U!_WU1_PF/AC_H-0?\ ?

57/[.T_GQA_P"_0H_LI3_^ M?&'_+[)"@"G_,)CX8_Z'#4' 'U1_P)CX8_Z'#4' ?57/[.T_P#Y\8?^_0H_ML!3_/GQA_[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[M]"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T__)\8 M?^_0H_LI3_\GQA_[)"@"G_PF/AC_H-0?]!4?\)CX8_Z'#4' 'U5S^SM/_Y\8?\ OT*/[.T_P#Y M\8?^_0H

"8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_P!]5< LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *? M_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_)\8?^_0H_LI3_\GQA_[)"@"G_P/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_GQA_P"_M0H I_P#"8^&/^@U!_P!]4?\ "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_P!]5< LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[M]"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *? M_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_)\8?^_0H_LI3_\GQA_[)"@"G_P/AC_*#4' ?5' "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[M]"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *? M_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_)\8?^_0H_LI3_\GQA_[)"@"G_P/AC_*#4' ?5' "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[M]"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *? M_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_)\8?^_0H_LI3_\GQA_[)"@"G_P/AC_*#4' ?5' "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_P!]5< LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[M]"C^SM/_.?&' OT* *?_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_GQA_P"_0H_LI3_^?&' +[)"@"G_P)CX8_Z'#4' ?5' "8^&/\ H-0?]!5< LI3_P#GQA_[)"C^SM/_.?&' OT* *? M_"8^&/\ H-0?]!4?\)CX8_Z'#4' ?57/[.T_)\8?^_0H_LI3_\GQA_[)"@"G_P/AC_*#4' ?5' "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3 M_P#GQA_[)"@"G_PF/AC_*#4' ?5' "8^&/^@U!_WU5S^SM/_P"?&' OT*/[.M_T__)\8?^_0H I_\)CX8_Z'#4' ?5' "8^&/^@U!_WU5S^SM/\ ^?&' OT*/[.T_P#Y M\8?^_0H I_\ "8^&/^@U!_WU1_PF/AC_*#4' ?57/[.T_\Y\8?^_0H_LI3_^?&' +[)"C^SM/_Y\8?\ OT* *?\ PF/AC_H-0?\ ?5' F/AC_H-0?]!5<_LI3_/GQA_[)"C^SM/\ ^?&' OT* *?_F/AC_H-0?]!4?\)CX8_P"@U!_WU5S^SM/_.?&' OT*/[.T_\Y\8?^_0H I_\)CX8_P"@U!_W MU1_PF/AC_H-0?\ ?57/[.T_GQA_P" 0H_LI3_^?&' +[)"@"G_,)CX8_Z'#4' 'U7P1_P5QUK2M6_M;N_8-73KY)BGQ^NRX0[,Z9)7Z[_V=I_ #XP_P#?

H5\[P#7RVMX/V[?V"S M!;HF?C_=YV((G_B5R4 ?H%1110 4444 %%%% !1110 4444 >?\ [/7[+_P4 M_99TCQ-H7P0)R:1^+_ !M[7BWQO]],]SI\U:_D$EU.#,[E [*#Y;X1?X5

M%>@444 %%%% !1110 4444 %%%% !1110 5\ ?L[_P#*QQ^T7_V0#PC_.E$ MM??]? 'I,_\ RL6[Q$-Y.R\GF>,$>8+8+RNX$ _5OX8_&7X4?&F

MRU;4OA+\0M(\1V^@^(+O0]:FTB]2=;+4K5@MQ:2%2=DL;$!D/()YKI;_GD_X M(I?\$F_VK=)^~-#?MF?\ !-3]N"TM/"/@K]H;Q-X5\::1XIUV::R\6^';"[MA

M;2(+*!X+QKFVEF+,^Q4<0RQ,#!SW3_@[?_:,^(>B^-OV8_V1?A=^TD]'PXE\ M<>+[RZ\1^):'7Y-.CT^V,EG907%QDL0\A3-%)?3VT$'VJ>1 P268WEU';H9-RQQQEE4,

[[@#]Z:*_$W_@@3^T1^TG^Q__M ,%7_C9_P1#^/QNOUKQ^@^/"UM=M_P /=7\17+S7-J;=K>18XS(S-%'/9W(E M:$,4CD@.P#>Y;]I?$>OZ7X3\/7_BG7+GR;+3;*6ZO)B,

[(HT+NWX*": +M%? MS9?L8_LS_MA?\'*^M?M_MR_$[]M/QSX+F\(;:DUM\(_"F@ZA(+"PNVBFG@M= M@=1##%&+=&:,"611GD9]P,_ZK_X(H?\ !;KXQ>(_ ^""?QO\ CK^T+XEF\7^.

MOV<I/NUT_5M:F:6?68);/S-+6ID)W2/Il$D#2$[F1$8EGW.0#]HJ*_F#^%_[M#WI:\W!7?UP("CXA?\%[O&7_!1+XG0_%?0I2U/6_#ME9ZU-8+_=.T^X"7162.16

MMF!2X,4<(6)%@=1=N&^3]O?\ @A)^W3XT_P"'A_!P3'^O[0OQ3O(GQBB76 MB^+[J"*)4%U?64[0_:']@*K31"&9@H"AI6"@ "@#Z_HHHH *^ /V=_P#E8X_: M+_[(!X1_]*):^_Z^

/V=_P#E8X_:+_[(!X1_]*): /O^BBB@ HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH ****

"BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@

HHHH **** " MBBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ KX_P"''P/\ R?;^P5_V7^[_/37)7W_%\ M?I\%@?^3[?

V"O^R_W?_IKDH_^_P"BBB@ HHHH **** "BBB@ KX>_X+,_$?\ MX)$>-M$\%_L'_P#!4C7OLLOQ.U>)O 9_LJ^1!2I$RVJWD6HPO&&S:-KA5=I9 M NRO^8K1L<_<-?,?

_!4G_@D_^S!_P5G^"EC\)/VB(-2L+W0;R2*>+-!E1+ M_1YW4+)L,BLDD4@5!)$P(;8A!5D1U /YS;3P9^TO_P $6%O/V[_V+_VJ]9@T M+1?VK/$OPPG^&E_I-

"IBE/DH89&C:,@NOE_M+_ ,%_M/V4/^")G[;W_4D^%7P^ ;U^,FKK\7TT.UL?"WPL76;BTLJ8M'ENKB..X\J M X,DC2C*W$3.8D3)^ZW@O_!((@U[\& "KXH7WQW ;XU#Q?XBU#X?

%?5Y/A MEX0UG5;632=0LHIXVL]=GBA>4M)<%%E,#.GS1*)4<<<5]I_\ !6/((>_LN_M\%9&\. ^-?B%XEU_P3\OO"$7D^'/'WA21!=10>895MYD<8FB60M(F"CQNS%7 M9PPJ'^5/

4D_9=^"?\ P2=_X.!?V4+G_@FQX>?P=]'C/4]'3Q'X+T749Y8I M8;G5_L$J[)'=DBNK=I8V3.S,)< -DUZ%_P $P(E^$?\ P=_M->#?&DHM;[Q M-HOB1M(AN#M:?

[3=:9]D00'KFU5G&S/Z5)lR_\ !.O_(-S_P!GW\B;]I!? MVROC+^'IXV^.7Q4LX3'HGB;QI+F/3"8_*\Z.-GE=YA&2BO)*X13\BJP#5M?\ M%22^+?2S!GC_@I)9-)_:D\/?&'Q7\(BSI-

HEH/"(@M@6O88P5B\)6Y&,L:D MHLL8?&[QOX*D%WIWA;1=3.K3P'_#+P7K]C>ZO?^$]3T];2UO$>2*:6V MEB4,JG*G>P'/>OGC_@DS_P $7/V;_P#@DKX;\1W/PT\2ZYXP\;>,Y4?

Q9X\\ M4,AN[M$9F6")$&(8M[,[#+.[MEW;:@1/V#/^"-OP@_8&_;&^,W[97@3XM^)= M7NLZ1J\%NMMI[7&H27S+"8U#$!Y"HW$_*\WH _/O_@S ^"'@WP/^ MQ# ^T%:^)]7ALY/"?

C:+6]=2XD"-:V;;CS7!^ZO^AS\G^XWI7QK _$>O@WX MW\7?]&_G_!03Q;I&5?]:;:AI^CBW:-"58Z4LM_=@?IL$R,?0$5^G/]7/_ :B M?IQ,'OX^-^* C;\!OVH?'WP=L_B#-+)X\\

(>%U2;3M2\YR\Z1J7C,4?L,?[^?I)5I^Q?\%_!AG\&K;7,>M)KI2YGUV6Y7;5??E[<_9XFI^;[=;8'4^8OJ*^C/^#1+P5KGA3_@C9H6M:O;21P^(_'N MNZEH<6WP+,EJ6'MYEK^/P-

>;^.O^#.K]E'5_'NHV7@'!LCXK>%OA5K,LKJ6 MI_"RQN(HH#(K954N)"5P@RJ/++#(JXR[$9/ZL? KX(?"_P#9J^#OAOX!_!;P MK#HGA7PEI$.FZ'1<#%A!!&N!EF)9W)RS.Q+.S,S$DDT

=91110 5^?-M*)_8OGE7]5^C=>3O+? OBZP_;3\:?$"\T&>/1=0\'Z=:V6HL!Y7+-&[%T'/4 T ?+/_ SI_P '(G_2 M1KX ?^&EG_!BJ/^&=/^#D3_*2-? #_,-+/|\%5^@M% 'Y!?\,Z?\'(G_M $D:^_ (:6?_XJC_AG3_@Y$_Z2-? #_P -+/\ _%5^@M% 'Y!?\,Z?\'(G M_21KX ?^&EG_/BJ/^&=/^#D3_(U\/_#2S_P#Q5?H+10!^?7_#.G_!R)_T MD:^_'_AI9_\XJC_(9T_P"#D3_I(U\/_#2S_Q5?H+10!^?7_SI_P 'M(G_21KX ?^&EG_/BJ/^&=/^#D3_*2-? #_,-+/|\%5^@M% 'Y!?\,Z?\'(G_$D:^_'_(:6?_XJC_AG3_@Y$_Z2-? #_P -+/\ _%5^@M% 'Y!?\,Z?\'(G_M $D:^_'_(:6?_XJC_AG3_@Y$_Z2-? #_P -+/\ _%5^@M% 'Y!?\,Z?\'(G_21KX ?^&EG_/BJ/^&=/^#D3_(U\/_#2S_Q5?H+10!^?7_SI_P 'M(G_21KX ?^&EG_/BJ/^&=/^#D3_(U\/_#2S_Q5?H+10!^?7_# M.G_!R)_TD:^_'_AI9_\XJC_(9T_P"#D3_I(U\/_#2S_Q5?H+10!^?7_M SI_P '(G_21KX ?^&EG_BJR+/0/^"]6N^-+WX#Z/^WA\(8?&6A6<>I:O M]!S\,MVFW%I.2(HX8@!*LJD'0>#? OBZP_;3\:?$"\T&>/1= M0\'Z=:V6HL!Y7+-&[%T'/ M4 T ?+/_ SI_P '(G_21KX ?^&EG_BJR+/0/^"]6N^-+WX#Z/^WA\(8?&6A6<>I:O M]!S\,MVFW%I.2(HX8@!*LJD'0>#? OBZP_;3\:?$"\T&>/1= M0\'Z=:V6HL!Y7+-&[%T'/4 T ?+/_ SI_P '(G_21KX ?^&EG_/BJ/^&=/^#D3_I(U\/_M_#2S_P#Q5?H+10!^?7_#.G_!R)_TD:^_'_AI9_\XJC_(9T_P"#D3_I(U\/_M/_#2S_|

Q5?H+10!^?7_SI_P '(G_21KX ?^&EG_BJR+/0/^"]6N^-+WX#Z/^WA\(8?&6A6<>I:QHJS\MVFW%I.2(HX8@!*LJD'0>#? M OBZP_;3\:?

$"\T&>/1=0\'Z=:V6HL!Y!O",FE&TO/^Q,V[M7Z=UY!^T?X%\7>+/BQ\) M-;\,#/=VFA^,)+K5IX0"MK"8&4.W/3/%'K]%%% !1110 4444 %%%% !11 M10 4444 %%%% !1110 4444 %%%%?,:?VH+^YQ^V[>,*$FJEP/BLH%QO-X\[ZJ_;,$'_YY))^IK]F^ "B MBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ***^=_ ^^]NI_MTV\"_ MC;S

_:"W@HZU\7M2MX;'PV4U*RM6T^.695N;Q&O98XC)'!YI0%L^84(5L;2 M ?1%%?S=?MA?\$;?VN_V^\ @F(/^"K__4O^"COQ7T7\H;1WTK4O$>B7?BF M1@D\[?0P?

84NDG:62YB$X=WWR1OY4@VA3O'T)_P4<_X+:?M7^#?^#<_X':'[M1/$T_AOXO?'1$T74O$VF(+;YM[;V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@

MT5_-1^V+^RY^V:,P;K^$_P!GS_@HU\)_VVO'BW6/&.IV\]Q6\^^(-1E.GWU MXJ]MV]FREV^T021K+/A=^R+I>EQ_;?%_A'Q-9]=7N1:&XGDFM(]D7#R&=EM(Q/'Y48C,H

MVX[P#\]-J*_O[@:,]_)_X)%?\'$VC_|:)KX?_M6^*OBG*/&>CF2_T/O>M M)I+/L],'+Y>XI;W$1@5G>,(L1$HW+G:5_?2@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH ****

"BBOG?_(*]ZG^W38?L+^-K/_@F!X*:M?%[4K>& MQ\-E-2LK5M/CEF5;F\1KV6.(R1P>:4\;/F%^M%;&T@'T117\W7[87_!&W]KO]@#_@F(/^"K_Q2_X*._%?1?VAM'?2M2\1Z)=^ M*9&^3WM]#!]A2Z2=I9+F(3AW??)&_E2#:%.\?0G_

4<_P""VG[5_@W_(-S M_@=\]?M$\33^&_B]\=$31=2\3:8@MKFWMK87*WFHVVT-033B^AD \L7C-&4* MH0 ?N#17\U'[8O[+G[9O_!NOX3_9_X*-?"?]MKQSXMUCQCJ=O!\5O"OB@49

M3H]]>/K=O9LI=OM$$D:W.1;4&1&CC5+B-GZ)?\%M/AE_P5@_X*$;E\@ M_P $\[W??"OP.|<0V6H?$_XE>`_$=I;?,%O>S1JBRP_:HKN6""U+3M%$"DQE M56)V<'ZBT5_,C\>?

@U\>O\ @W/_."J?[.?@?\ 99_;8\=_$'PY\6]5M+;Q M9X!\57YE^UPR:A!9RB2!&\IO-$[&"78)(Y(7^9AG/L__65^,/I]G_!2;_@ MN1\/?^""GPH_;#\0?#KP!:Z9%=^/KKPU=/%-

>W#:=+JLS2E&7S56S2!(HW)0 M2REV#?+M /W'HK*_P#@EM\1/VAO^"2W_!>]6/\ @B_XW_.,\2?%3X4^,=':_MY\%R^*[MI9-/N/!,.I02QAF80L5BN+61(IJ2MLDV]0 /W4H **** "BBB@

H MHHH **** "BBB@ HHHH **** "BBB@ HHKYW_P""JNI_MTV'[" C:S_X)O>" MCK7Q>U*WAL?#934K*U;3XY9E6YO$:!ECB,D<'FE 6SYA0A6QM(!]$45_-U^\V M%_P1M_:[_8

_X)B#_@]_\AO^"COQ7T7]H;1WTK4O$>B7?BF1@D]P?0P?84ND MG:62YB$X=WWR1OY4@VA3O'T)_P %/\ @MI^UX-_P"#< _X':'[1/$T_AOXO M?'1$T74O$VF(+;YM[:V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@T5_-1^V+^ MRY^V:,P;K^$_V?/^"C7PG_;:\<^+=8\8ZG;P?%;PKX@U&4Z???CV]W;V;*7;-M(1!)&MS$6E!D1HTE1E8C9^B7_!;3X9?\%8/^"A&I?_X)_|

!/.!UWPK\#O'M$-Ef'Q/^)7A_Q':6ES!;WLT:HLL/VJ*[E@@M2TJ11 L,955B=G :^HM%?SH_M'GX-?'K_(-S_P#@JE^SGX'_&6?VV/'?Q!\.?%O5;2V\6> ?%5^9?M<,FH0 M6\ M6?

&+Q7\/QXAE\;QQ*VG>%-*YFNI+/$E_JEP/BLH%QO-X\[ZJ_;,$'_YY))^IK]F^ "B MBB@ HHHH **** "BBB@ HHHH ***^=_ ^^]NI_MTV'[" _MC;S

_:"W@HZU\7M2MX;'PV4U*RM6T^.695N;Q&O98XC)'!YI0%L^84(5L;2 M ?1%%?S=?MA?\$;?VN_V^\ @F(/^"K__4O^"COQ7T7]H;1WTK4O$>B7?BF M1@D]P?0P?

84NDG:62YB$X=WWR1OY4@VA3O'T)_P4<_X+:?M7^#?^#<_X':'[M1/$T_AOXO?'1$T74O$VF(+;YM[;V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@

MT5_-1^V+^RY^V:,P;K^$_P!GS_@HU\)_VVO'BW6/&.IV\]Q6\^^(-1E.GWU MXJ]MV]FREV^T021K+/A=^R+I>EQ_;?%_A'Q-9]=7N1:&XGDFM(]D7#R&=EM(Q/'Y48C,H

MVX[P#\]-J*_O[@:,]_)_X)%?\'$VC_|:)KX?_M6^*OBG*/&>CF2_T/O>M M)I+/L],'+Y>XI;W$1@5G>,(L1$HW+G:5_?2@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH ****

"BBOG?_(*]ZG^W38?L+^-K/_@F!X*:M?%[4K>& MQ\-E-2LK5M/CEF5;F\1KV6.(R1P>:4\;/F%^M%;&T@'T117\W7[87_!&W]KO]@#_@F(/^"K_Q2_X*._%?1?VAM'?2M2\1Z)=^ M*9&^3WM]#!]A2Z2=I9+F(3AW??)&_E2#:%.\?0G_

4<_P""VG[5_@W_(-S M_@=\]?M$\33^&_B]\=$31=2\3:8@MKFWMK87*WFHVVT-033B^AD \L7C-&4* MH0 ?N#17\U'[8O[+G[9O_!NOX3_9_X*-?"?]MKQSXMUCQCJ=O!\5O"OB@49

M3H]]>/K=O9LI=OM$$D:W.1;4&1&CC5+B-GZ)?\%M/AE_P5@_X*$;E\@ M_P $\[W??"OP.|<0V6H?$_XE>`_$=I;?,%O>S1JBRP_:HKN6""U+3M%$"DQE M56)V<'ZBT5_,C\>?

@U\>O\ @W/_."J?[.?@?\ 99_;8\=_$'PY\6]5M+;Q M9X!\57YE^UPR:A!9RB2!&\IO-$[&"78)(Y(7^9AG/L__65^,/I]G_!2;_@ MN1\/?^""GPH_;#\0?#KP!:Z9%=^/KKPU=/%-

>W#:=+JLS2E&7S56S2!(HW)0 M2REV#?+M /W'HK*_P#@EM\1/VAO^"2W_!>]6/\ @B_XW_.,\2?%3X4^,=':_MY\%R^*[MI9-/N/!,.I02QAF80L5BN+61(IJ2MLDV]0 /W4H **** "BBB@

H MHHH **** "BBB@ HHHH **** "BBB@ HHKYW_P""JNI_MTV'[" C:S_X)O>" MCK7Q>U*WAL?#934K*U;3XY9E6YO$:!ECB,D<'FE 6SYA0A6QM(!]$45_-U^\V M%_P1M_:[_8

_X)B#_@]_\AO^"COQ7T7]H;1WTK4O$>B7?BF1@D]P?0P?84ND MG:62YB$X=WWR1OY4@VA3O'T)_P %/\ @MI^UX-_P"#< _X':'[1/$T_AOXO M?'1$T74O$VF(+;YM[:V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@T5_-1^V+^ MRY^V:,P;K^$_V?/^"C7PG_;:\<^+=8\8ZG;P?%;PKX@U&4Z???CV]W;V;*7;-M(1!)&MS$6E!D1HTE1E8C9^B7_!;3X9?\%8/^"A&I?_X)_|

!/.!UWPK\#O'M$-Ef'Q/^)7A_Q':6ES!;WLT:HLL/VJ*[E@@M2TJ11 L,955B=G :^HM%?SH_M'GX-?'K_(-S_P#@JE^SGX'_&6?VV/'?Q!\.?%O5;2V\6> ?%5^9?M<,FH0 M6\ M6?

&+Q7\/QXAE\;QQ*VG>%-*YFNI+/$E_JEP/BLH%QO-X\[ZJ_;,$'_YY))^IK]F^ "B MBB@ HHHH **** "BBB@ HHHH ***^=_ ^^]NI_MTV'[" _MC;S

_:"W@HZU\7M2MX;'PV4U*RM6T^.695N;Q&O98XC)'!YI0%L^84(5L;2 M ?1%%?S=?MA?\$;?VN_V^\ @F(/^"K__4O^"COQ7T7]H;1WTK4O$>B7?BF M1@D]P?0P?

84NDG:62YB$X=WWR1OY4@VA3O'T)_P4<_X+:?M7^#?^#<_X':'[M1/$T_AOXO?'1$T74O$VF(+;YM[;V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@

MT5_-1^V+^RY^V:,P;K^$_P!GS_@HU\)_VVO'BW6/&.IV\]Q6\^^(-1E.GWU MXJ]MV]FREV^T021K+/A=^R+I>EQ_;?%_A'Q-9]=7N1:&XGDFM(]D7#R&=EM(Q/'Y48C,H

MVX[P#\]-J*_O[@:,]_)_X)%?\'$VC_|:)KX?_M6^*OBG*/&>CF2_T/O>M M)I+/L],'+Y>XI;W$1@5G>,(L1$HW+G:5_?2@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH ****

"BBOG?_(*]ZG^W38?L+^-K/_@F!X*:M?%[4K>& MQ\-E-2LK5M/CEF5;F\1KV6.(R1P>:4\;/F%^M%;&T@'T117\W7[87_!&W]KO]@#_@F(/^"K_Q2_X*._%?1?VAM'?2M2\1Z)=^ M*9&^3WM]#!]A2Z2=I9+F(3AW??)&_E2#:%.\?0G_

4<_P""VG[5_@W_(-S M_@=\]?M$\33^&_B]\=$31=2\3:8@MKFWMK87*WFHVVT-033B^AD \L7C-&4* MH0 ?N#17\U'[8O[+G[9O_!NOX3_9_X*-?"?]MKQSXMUCQCJ=O!\5O"OB@49

M3H]]>/K=O9LI=OM$$D:W.1;4&1&CC5+B-GZ)?\%M/AE_P5@_X*$;E\@ M_P $\[W??"OP.|<0V6H?$_XE>`_$=I;?,%O>S1JBRP_:HKN6""U+3M%$"DQE M56)V<'ZBT5_,C\>?

@U\>O\ @W/_."J?[.?@?\ 99_;8\=_$'PY\6]5M+;Q M9X!\57YE^UPR:A!9RB2!&\IO-$[&"78)(Y(7^9AG/L__65^,/I]G_!2;_@ MN1\/?^""GPH_;#\0?#KP!:Z9%=^/KKPU=/%-

>W#:=+JLS2E&7S56S2!(HW)0 M2REV#?+M /W'HK*_P#@EM\1/VAO^"2W_!>]6/\ @B_XW_.,\2?%3X4^,=':_MY\%R^*[MI9-/N/!,.I02QAF80L5BN+61(IJ2MLDV]0 /W4H **** "BBB@

H MHHH **** "BBB@ HHHH **** "BBB@ HHKYW_P""JNI_MTV'[" C:S_X)O>" MCK7Q>U*WAL?#934K*U;3XY9E6YO$:!ECB,D<'FE 6SYA0A6QM(!]$45_-U^\V M%_P1M_:[_8

_X)B#_@]_\AO^"COQ7T7]H;1WTK4O$>B7?BF1@D]P?0P?84ND MG:62YB$X=WWR1OY4@VA3O'T)_P %/\ @MI^UX-_P"#< _X':'[1/$T_AOXO M?'1$T74O$VF(+;YM[:V%RMYJ-MM $$TX@@(9 /+%XS1E"]$_'[@T5_-1^V+^ MRY^V:,P;K^$_V?/^"C7PG_;:\<^+=8\8ZG;P?%;PKX@U&4Z???CV]W;V;*7;-M(1!)&MS$6E!D1HTE1E8C9^B7_!;3X

^:/^"+O_!+3]JC]LC]J6R_X+G_M /!6[5);OQ=J0CU'X3> KB$QQZ7 5)M+MX"2+:&)'W6UORX9O/D/F8+?2O\ MP7<_X+>Z%_P2]\!Z9\%_@AH,?
B[X]^/[<1^"?"Z0M.NG1R.84O[F)/FDS+E(M8!S-(K#[J-7SM\,O^#,?]COX8_$CP_\ $K3/VNOB7WGLM/"2O M!,DJHV(LX)0 XYP:],_X*#_\&MW[/O\ P48_:V\5_M=_%W]K?
XBV&K^*)+8? MV5IUK8M:V$$%O';Q00^9&6"!8P>3RS,>I- #O^""O_!%OXL_LN>,-=_X*1_\ M%#O%5QXG_:,^),$LMU"?W N&\-P7)#RH\@^5KR0!4L1';6\:Y8X&2S'A51069B%4 M$D
]/7SM_P %0?\ @GEX9_X*@??LLW'[)_C?XO^(O!NAW^NV>H:K=^&DA::]C MMBSI;.)E93'YIBEZ9W0)0!^/L?(=6^&?[&OPR\1X"9"W.L M7"K^*3:C)$_7YH;**;^-W_TCK_\ @\N^
V@_"K]AG]G'1?A5X3BTCP9X&\37 M7AS3=/LT(@L8FTZ/[+",YZ164@&3D[3UYKKO^((_]B[_*/'^*'_(Z=_\ M&J^[]#_X(L?LHW'_2RTC_@DW\5+S6?%G@;1;:=;#7;IXK?
5+:Y>]GO([R% MXTV1S1/.P4[2K+E75E9E(!^>_P#P>"_%;P5XU_X)=_L\1^'-9M[D^+?&]EKN MAB&0,;JR31)\RIC[R_Z9;\CC]XO]*^VOVT/^"F7PL_X(E_\ !,3X<^(/C/8' M5?':>!-
+T+PAX&6?RY]7U2VT^!)=YP3%;PG#32X.T,J@%W13X9^RQ_P:;?LQ M?!+!X\^%/B_\ '3]JCX@?%S1_A]=1S^!?!'B9(XM/L#&XDBCE =_-B5P'\J,0 MQNRC>K+N1O6?
^"L_!OA\'/^"NGQVT/XW?&3]IGQUX<'AWPPFBZ5H&@6]H]I M"HGEFDG F1CYDC2@,>ZQ1C^&@#YH_P""+O\ P2T :H_;(:ELO\ @N?_,%; MM4EN_%VI"/4?A-X"N(3"I>RT\)
M*\$R2JC8BS@E #CG!KZD_P""J/\ P0+_ &9_^"G/Q)T7]H@?$GQ/\+OBMH%%M M';6?CSP9(HDN(8V+1"XB)4N\99MDJ/"(=I9E5 H!^>O[)&DS?\ !$C_ (./ M-+_X)F_L>^-KOQ%%\)??
BW8V<_BCPSK*6]S?Z5<26-Q-&6NDC63=!Y0F . ;>X M(96;$M?OQ7P/_P $N/\ @WV_9E_X)K_%W4_VG]6^)_BGXL?%K5()8#C_#X[\:NN M^R248F:WB!8K+(ORO-))(Y0E5*JSA_OB@
HHHH **** "BBB@ HHHH **** M"BBB@ HHHH **** "N8^-'QE^&7[/'PG\0?"XS>+[70/"WA;2I=1US5[UB(M[:WC7+' R68*J*"S,0J@D@'IZ^=O^"H/_!/+PS_,%0/V6;C]D_QO\ %_Q%
MX-T._P!=L]0U6[\-)"TU[';%G2V+<3*RF/S3%+TSN@2@#\?8X_P!L'_@[<_:P M\^0ZM\,_V-?AEXCP$$R%N=8N%7.4FU&2F]_4U)^OS0_*1_P#P>7?%7C ;0?A
M5^PS^SCHOPJ\)Q:1X,\#>)KKPYINGV:$06,3:=']EA&<](K*0#)R=IZ\UUW_M !!'_L7?]'C_!0_\ =._P#C5?=^A_\ !%C]E&X_X)9:1_P2:;^*EYK/BSP-S-H MMM.MAKMT\5OJEMSWD=Y"\:;
(YHGG8*=I5ERKJRLRD_/?_@\%^*W@KQK_M ,$N_P!GB/PYK-O7_3+?DA>$/ RS^7/J^J6VGP)+O."8K>$X M::7!VAE4 NZ*?#/V6/\ @TV_9B^"7QY*?%_XZ4Z:C
M)'%I]@8W4$)4])5SD'-T>TA43RS23'#$.'9>%3BS+6?&!N4B?X'$TTGGGB/=XWUUYSCHO+VZ+11@ZQ,N0[^7A$W^P_9(LY59YZ1:X:?&#JK/J
<:M_P7SNOBY^UK)/PR1/PR_9WWTDYSSM7+NY>NI"D_]7LKM0QS6>G]PBN+AL^ZWK+>SQZ%PDYZ4\K:@OL$^G17=-\-#XLZ*&8*QY\J)HD@&D@
/YAO\ @BO_M ,%3_@>CB6?4AB]EV_? AK^Y4E`X8!L^P<G_L5@"N2KI>Y^V6WU0^D?M7#%;_AZ]>QAF=JO1VJ_TDY*8C>BQ\:8#A
MW6TT\W6H"]80E%#D*XVC<3Q[U]?4 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%%
!1110 4444 %%%% !1110 4444 M %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444
%%%% !1 M110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%% M% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 4444 M %%%% !1110
4444 %%%% !1110 4444 %%%% !1110 4444 %%%% !1110 M4444 %%%% !1110 4444 %%%% !1110!_/\ ?"O_(*J_P#!Q+^W)^WK\'["V\K38-4DLX1YLB$R. $!SR>37V]_P3TTW
M_@Y9M_VL/#LW_!1/Q!\+9_A((+[_(22+PREB+PR?9)OLNSRHP^/M'DYP?NY MSQ7Y'?\ !/;P5_P5;\\?\%?_;K_X).?WPAX/\50^,O$3^*+OQA;6\L,^ MG_\ "02A4C$]I<@-
YNT*IP#SVK]K_\ @E-_\ @NQX)^)OBB?'_X? M^,/"'\V@QIX6M/!]E:12P7_G*7_7=?B6%L2OE;ARS#/;O0!;_8&^)'_\$U^_5M+M
M_?'/PK^U_K_@6Y^#VF+:KJB_"">>VJRY6HNH(61KA6%M#>_M-??LW??"KQ0%X'X0^'[0?@?PW1]J%TH@W7_BRSL[APPR*1S2*Q@R.1Q_MS7XK?I\$%;?
7[O_@OO_P4M%?P'1?M?"E|#:ZI)KOC%%--N;A-T<5P7%4PC=A@Y4-@D>@ MK\\!_G_0-^F^_-_.&_"Z[/T
M0'DM8GEBL]2S*"G6Y,SJ^*05'(_718WUEJ=E#J6FWD5Q;W$E45Q;W$E5Q;W$_G)%?A2_B0YN;GEL+R]2S*"6Y8(ET?B4TCZFWIQRAHFPLY88EP9)
M."*]\&ZM ?\$9O^#?2'ZN9IUI,^;3LU8DXKVIYNGX_T(X2T-UGI8LGZZ8A/IQ5LMUBZ8S)'BUVT.7EN57EV_%T-)NF!-6S@RH87LAA5@2
Y*Z!:>, M;&2],F<;! LIDW9XQC-?!WBO]@&Q_8(_X(7>+_V_P!M9C]1N-*>K!9_WPQXZ@&OJW80DXL]K8=MMVJWSA*M+=D6E6T>>B
X;O[!-<_:2\2:)=V/AO46+^7*"CSO%$TLC?NXUCB=+"MJC>^'W'[G_\'_4_4?_E:)[B(]SS\L7!5J+$+4[FEG@3@FHU=8TG,\Z*MJ
CP5X\|2S))J.M^$M-O]0DCC M"*T\UK'(Y"CA068\#I7X,?!\&:]?TBoC9M)NI$+Q\^+Y)M5M%LEFMFN%6(8^@(8K7YHL
M?\%T/^"FW_!2P_P#6%>/G^BT4(%BV33]NU+4;\YXMJJ)7&0EBIHJ9%K4E5S5Q?Y)6WMX3M8L>6YL?7S+9O_U06
%+$DTNI/$WWHX(74E6'^NEA1AAFD]4_MX_L7_";_@H!LNP!2Y'E9Q'F&@SL0MZ6M68LD0LMLNS5+O2QQ
[(POCIOA6YGDGLI[]+5YA';PHX 6U-ZT MMS(&&9 B1LI5CM /WV_X)(ZS^WAXS_8F\,_%7_@HQXJL[KXB>+X_[8;1K+08
M=/70]/E13;6DB1J"9]G[V3=RC2^7@>62?:O!7[07P$^)7B6[\%_#GXW^$-?U MBPW?;M)T3Q+:W5S;[?O>9%%(SIC(SD#%?ES_,'B'[8WQ>_9U_8-\(_!3X2>M)
[W1!\5O%4]AXFU'3YFBEETNVM_,ELPZX*K-)+#OP?F2-T.5=@?R[_:D^$7_M 3Z^$O[.?P^\|=_\$IO@O^U+X8_:)\$:KI]U<>-=3\&ZI!%JS+&1<3_?9+:1 M9-KQB%44KN1@^X$
']5OB#Q#H'A/1;GQ)XJURSTS3K.(R7=_J%RD,,"#JSNY M"J/OC1?W&E?!WX\>#/%EU:*6N[6N[;PSXHM+^2ZN&&)D%:!%L]YtD%!$9<4(fP:&_}
M_%>IR6EH]Y";3;YD1@+2QQS/B.$W.6!9E6OS&^.E_P#LH?_'@I!^S!!:\ M@E_^R#\=/@3HESXYL8UU;XH1WELOBAEU"T222R\^>9GA,4[13#S"CI,BF-
>!M(\00^$M5\9Z3:ZK<1>;;Z9<:C$EQ*GS?,L98,P^5N0,?*?0U M5^'OQ8^%GQ;TZXUCX4_$OP_XGM+2Y-O=77A[68+V.&8=8W:%V"L/[IYK\ /^ M#ASX&:E^TY_PT;3;3[V)?!L?
CBW\6W,EA?\ AR6VBL8=$^RVGE>8T05%?[1]KR3S M@KSTKVWWQ5^T++O GAVP\7^-CCX/T;2=4F:+3-G7U7Q>2!MI2*220+(MP;@A22#Q7Y_PQ
G_!0KXTZ)\0/BE;>"-7?6O%'AYRU MK<0O>;K95+6MJ$$+>PFO&CBMK56$3K)=K//()%8.9C@*4/"*C#*NK#AE((X(X-<=KO[0/P;B\0:K\],^?A67QE8:?/,?#$>OVSZA&4C9\M;!_,
&,G*]*_!7_@D]^W;^T!^SS_,&J MG[1_O2\'^-]0&M?#SQU/H'@6_P#/9I=$@U,:-!FW/_+/RIM1N+A,?==B:ZK_M ()&_P#!9+!O5^^R+^U3P_P $C=._;8^(?
BKQ="\;O&]EK&O>'/B!IOBRYMI/#5[; M7=S%:O&L;A)3OMUEE>4,Y:1PK)A6 !]>_P#!L=_P4_\ VN/^"GWP+)^)_CO\ M:W\\5:5JNH^%_%EG88:1)I6APV*QPR6ID8,_8I8@[AU-?IU7X@?
|&0O_)K7QQ_[M'_3O_2%J_;;^@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** " MBBB@
HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH ** M** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHH MH **** "BBB@ HHHH ****
"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ M HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH_+7_@C M-_P2(_:Y_86_X*_NK&-
D$8S!=W41B7:B$VV;B%7RR??DW?LS M10!^7?\ P1X_X-\9/V/?V&/C7\ /VP_&&F:UK_[1%@++QM8^$25LM&LD@N8X M(K9WC7,Z->3R&0(J*WEJH81[G^8/A#_P2W_X.8
^"='PH\8?L%_L2_%++X9^) M?A1XEO;PZ1XNO;V&WO-(CNE\N6:)+C$MK*R@,R*+A$DRT;;;B6/[QT4 ?CU\1 MO^#,?]*O*CX\[@^CO_%...
1Y;V*W>V&DPM(&DAM% M@D;8_EC=.-[(@;">7?&'_@EO_P_'%O[2.,&,ABR?NM10!^/?\ P4)_MX(O?MX_M:!|#W]G#]J@WPAI7@^V^(WPJU33AXEAO/$A6Q-M9Z=?26*O%.(CO
M9Q+ ^W;;F"\//ZL ?P=K'P[^!W@SX?^(A%_:&A>%-.T^^\A]R>=#;1QOM; M R-RG![BNKHH *_+;_@B/P2) :Y_8%X_X*"_M'??M*?/N/PR/#7Q1OKN7PN=% MUHW-
P5DU::Z7SD,:^7^[=>YYR*_4FB@#XQ_X+E_\$G+_@KG^R/I_P+_^W^QXOP6T6T+Q?9^ M'?&OAK6EUOP1KT1DQMU~WBDMKC8"X@EC<@L@9D9D|M1/AWP%^RS|4?
CWX"^$/A;P9??VW]I_%SP3XB=1=9UJWAC,0:<6\K-='8Q(B,5L MDKA6E.0&'[244+D?@#P7G7,/CP^)&;F^KL_P'3]+1'1JSKB-AVE2+9=P_/&^9E?
MMCH_Q##/OHPVKR6=U'=V]|\SNHAEE:9&\|J'*)\M7!!!&-I\1_;>_X)*_\%%7Q.U,3+K43VAO\$&GE9"7:WS7.!;Z[36^J\^G*"[Q^F!"]XN>9JF8F5:V]TVM_Q"6H
M^W:R8[|_2V]WJ4LGEP",AQMNHL'<,G=Z5^G5%%% 'YW |!R]V1#1S\GQVZR^N, EX[R7]?WT*M_]3.R5Z6T'XCQ>WG10.7|-D=%Q_RWV%K.SWNJ/Y&J3
MX/$/A9\/]"^&/@SX\|_!*WT?PYH]KI>DV\HNQ*9<4%C6[C9A/&1/IHIQYJ]!TVZH+35L4|24^L5VB_L3LMVFRB:U*4"YN1FZ2RWQ3KL;BP6DK=RW/)DSY;
-60Y*L<$5WG_2K_P"">_[0?['W_!%Y?V$OB^FB#QT- M"\4VA&EZF9/S-0N+R2W_?%%.-LZ;CMXYZXK[HHH_*/_@D=_P $(_BU\%?$^ M"27QN_X)P?MWS:-
:O\5O%5Y=V]YX4U/[<+.%]/L(K>Y!9$'FQ7-KYH0C!|M< MG!-+_LC_P#!+K*K_@Y)_9=^F^$6K??\ !+WP/\>/A7H_P-U&ZO;:+XGLYNM1TC3+MQ@ (MQW:[73H?EFCEDED$DKB.1,)+*Q29.$?^
FM_P;9_|_!*C]J'_@E3\&?BA|M/OVG?^$$>^U^*UK&I&BM$%U*UH^ $G]G+_(++M_P#!U|M=?#.+XR?LU?7LM-NZ:U|1AS6.DU-Q+HF!!(>X$X30S64_TRCFMXSCX`|B`+XZNGX`Q`
M_P#@OQ_RAL_:$Y]N>$_%B=BKK^3%/4J:]$8-!+=Z,T,T=YO7/%TCI!!*!Z4Z7&%S\N5[M1R
M_P#@OQ_RAL_:$Y]N>$_%B=BKK^3%/4J:]$8-!+=Z,T,T=YO7/%TCI!!*!Z4Z7&%S\N5[M1R

M^.T?\.B?M# _]$] \[U[\=K^/?\ 5/BK_H K?^"[P#R)\+]?QG _#[E]S_R M-/]^D_ | AC3XO \ 1,#_ -_;C_X]O-?^&1/VA_ | HGQ _)5K3_X[7VW7ZAX;_M]K^9[&59;[7G^L0;VMNN]RMHUE-I MNCVFGW$_FR06T<;R?WRJ@$\^N*_#OX66EI]'_!{)4[" M8YX) _L<"""Q0>M?N;7F.G_L7_ +*>E?M+WQ[9.F _3PW#4\]2MA;W_CN_MP U&>(6\=L$;7J1Y.4XMQ@'\?6M]=\/.? L+6T4EE=>=]B]IK*65T0\DVUVF268[?M[M_@M9_P JG?!)W_7'P!_ZCEY7[9?M*?LB?LQ_MB^$K'P)^U\#/#?CO2 _U-7 MVGV'B/35N$MKD(T?FIGE6V.RG'4'FL_XE?L_ L@_&+X#.#^R]\4? V>/"^N_# MSPN+0>'O"&HZ<)+'3Q;PM!;^5'T7RXG9%] Q%4, _+ |NW_@J9^VU_P $H _| M@EK^QW\9OV>?@IX.\5^ _=^&/AS3/B#?>)_,O)YM.D&D6#V\4;P7,21>?&+I M0\B2 - $!@[@#XM_P4Y _:1 _X-5OVK_P!B+Q?\;O"NA^#[+XIZKX4N9_"%GX*\ M+7.C>(8]=>%OLZ7<5O%'"^V8]\7N-\116*LWR$ _N%>? WX -]\'8OV>]9^%N M@ZAX%BT2'1U\ (ZE!<5SIQL(HUCCMF@E5D:_415"D$84>E?.VE?\ !O\ _P#! M&G1O&"^.+/\ X)\^ VO4E\P0W4 Q/9[LYYM))6MR/]DQX[8H _&[!GK]F[]K MKXO _/!G]\11 _L76KVSTWXKOXI&:08W:2Y\,VLMD;MH4[P)C _()*?AWV'T+6OAG

Z95P9'%V8@Q]3LC02117VK\./V / MV+/A!\"O$G[.GPQ_9I\)Z'\/_&$LTGBCPCJ^F+'9;F\T_<.IFCZ.6CBC0^H0 M"NM^ ?[.WP_ 9.^&UM\'OV=_A?H_@[PO9W$T]KH>AVHAMXI)7+R,%'0LQ)/N M: /P5_X(D_M0_!'_ ()_ P!#8#]K?X[_|%!/'MIX U+Q/KLK:1XE\3AH.6X, M&H75PF9B,(MS;WD=Q&[85U0<[BH/VWX._P""O?@7 _@L=!^U=_P $?V(_@5K M=U;67PE\2V>C? %[VNXUTS5;NYL7LK5MC1QR1233R/Y62Q>.W9\@ @?;'67_ M 31 8+_ &Z-0LM; .Q _99*>-_2TZ#R++6-0LFBOHH'/ VA//Y\Q8^'M-2#{3-C'FS./GF MDP -\C,V !G H _FR X(@^(OA/X5 91^('A;XM? \%P2' [*VM^#?%E[>Z\ M-;*ZMK)=03[/ IN;>*XQ)%X'MXPTH\A/EPPK].2^#5CX, LB^# @%\4? MC\ L: %/X]^) #OC/Q18P:G\)3 G;:6\% ;0S-(+?[++' E;M [*Q **M,YSCZ^ .! X(U_ | !+OJ]7XFS?&.X[?L4> "M<\47[2AB<#)X%> ^?#+X7?#:X+>]_^%WPA\!./X8\'Z.B#2="T'3H[2TM @\(D[8XHP%49))P.223R30!NT444 %%% ',?&?P1K7Q(^%FM^!?#NN_V9?:G M9&&VO\L/(8D'=\O;/M7RG+ P36 .;%FC;&;]I<.CJ5=&ENR&!Z@C=S7VG17T> M2\59SD%"5+!RBHR=W>$9.V2W.?8^;SOA+!>(*\.V-C)RBK*TY1TO?.+7< ((- MXY_ CQ_^SYXVD\$^/.!5! M/VA/ DW@COO9>KV% $H\ZRFQ@2(3^?]N$'!OGS]E; @F] PKWOW<^_ C.:+9: MI_9=Z1H%A =\ VTY6ZE! P#'8ST(R*V5U]AZCTD _^7:ZJ?>WY6OBVW/+?@/_ .$\?C_X MP\&P^/(O';>#_P"TD#6]I*TZW$D/57<1XV@]0I.<(OC[.;=CIEZ)KFP\ZY/G] 1M^9B, _>O[JBORS.O$?B/.G5C)P4)W5N2+L MGI.F:OMUO<_5\L\.&LM5*45.4X6=^>2O).]^5/EWZ6L<[\7KWXE:9\)O%&H M_!G2].OO&%OX=O9/"EEK&[!)<;DL#FUCGV.C>4TP0.AE.TG# \U^*O[" _!= M# .@GC_P49\,>,/@O_P ' OP/^$7A+XB>% $$]KH\&O> ;+E;2.R5522W26Y.S M/9WD.Z3AP98RP= @)5P/W.KYP :=_P""9O\ P3/ &R/&DOO(.:0 8U\&^(O M$5R% ^V:^+1[*]N]H 4S3VKQ23$ N6(Z#%?!'Z ? A1_P3PT'|F#5O^#H3 MPE/ _,$7+;6Q\(=-BN) $,ZM=FQ2Q LV5-0*FZ_??8VF>)(.ZSLF$CR] IF MKRK]EK]AS]D+]B7P]=^&/V4/V=O"W@2VU!E.I2;#IBQW%Z5SM\^-M1U#4M/T4 $P.N MGQ&2YN(KP1R.L,]VWV1;20%=D63"P(0U\/?%+XZVG[,QY\2_L< L>?M]>, M[K]FU?B]8Z[8^+O#,5S:W,(6-X#>1+B&1KB*WGFB;88X[EK:.\86/9 65^U? M P $L_| @GI^W%XAA\8? M4 LF>$O%VMP0+"FNW5H]O?M$OW8YN:=HY71>RLQ M R< 9)H7 [*O @C)X9 9ZUC]E30?V.O %KX!\0.DFN>'XM!C OIDSY<\LW^ MN>:/)V3% ,C (66@#TG]F XL "+XZ? ?PG\6?@)X\ X2? P=K6B0S>'M>,\L MCWMN%V!W:8"0R94A . ?>&W#=FOP[X(//#6D>. VO/V2 !^OP +8:M)]=G> MQ+(5+PRZA[PY&58\CD5^]7A/PIX9\!^%M-\&>"M M.*T?1["&RTK2]/MU MB@M+:) D<.;* $144*% P *\[:" 8? 9& :M\3^'?&G[1 [/?AGQGJOA)V M?PU?Z]IXFDTUF=)&,1/W>TG ML.O^-M7NK?<.@>:!KKRY5]5D5E/<&OOC0=!T/PMH=GX8\,:.::=ING6L=KI M^GV%NL,%K!&H1(HXT 5$50%"@ "K=% 'PO_P7D .;T^#2 _3^ 9X1+ 2$ _M]H/[@>S^.OA+5/$S:?<6^]0V=5,BK,JL%'*;22F%?G) P M<^?\%/(^"?"_ 4& 8> ^#WP; 8U^(VD _$7X@:Q\0[+4/# ^D^'+%Y+_ 2K]K*X M@DMI(PF^"66.>TC%]0&=HP=I\L5^\ O*^&7PY^.O@74 AA\6 FD>)O#FLVQ MM]6T+7M.CN[2\B)!V212]XR >1P0#U%>#_L[?\ \'G_()C?LG _!3XR_L M_P# [%_@OP]XI@D9[+6TLWN9f)R,%K8W#R"V.'1F((<$CH30!^/_5 ^\/C M_P#X)Y?\% /^"=OJ:7[1=O=MHO@OX>>"O#/O!UJ& K@17^B70EU$EESND.V M[HO63R7VYVMC;_X*)?'7X.?\%? O^#BW]E'P!^Q5XZM?'GA[P(VD:AXF\0Z&K M/:11VVIR:G>@2$ $);PQ@OT\R41 >!%?N[\>OV>?@;^U'\.WX. M$_"C0O& M?AC4&5KK1?$&GI<0EUSLD4,.I(N25=2&4\@BN$ 9(_X)O _L,? L(RZE>?LD?L MR>&/! Y]\8BU/4]-M6DO+B(.&$37$$/*8]P#>7NV9 .,B@#\.F 8M\7^$ P#@I=_P=S^*?VR/V<-2/B#X, #7PY+,?$UO"PMKD)X?71E* MLP&1)=7$S1]WCA9QD X ;A ;J 8F 9 .;@\$XVO@'!K]+Y>'?'6F6$[3:='K M=ENE1S& #/!.I66 L OC9=P !SBI?V6OV.OV5 V)O \ P ./V4?@3X>\"Z/-M=W COK?0!((]Y*!@23RL3).P' .1F(' P* /3:*** "BBB@ KQ+5/V9 B/?. MG<7L'Q0\M]W<(_.F^4%B0.M>VT5X&>]95Q"G"!1UD"[5I2CO:_P +5]NI MZ679MC,KE]X=IWJCXBU_1K[P]KEWH6I(1<6EP\4ONRDC/T/6JE?3OQ MK_9YL?B3<'Q'H%W'9:ML"RF53Y5R ,#=CE6 P-V#P,8Z8\D_X9>^,?VO[_8 M-OLSC[1]OBV?7&[=^E?RQQ%X,\391FMK[KM8XC0.&OO$6N6FA:8A:XN[A(HL=F8@9 M^@Z_A7M/ #+OQ_Z*K_Y$F_QKJ? @[^SS8 #:X'B/?[N.]U8H5B.2GRK8$8.W M/+.1D;L#@XQUSZ77ZGP1X48>&6.KG<)*K-W48SE'EBOYN5LO>VME;K='R/$ M'&566+4.ODN2*U;BG=^5ULOQ^X@TNUEL=.MK*>7S'A@1'?\ O$* 37\[OQ6_M:A^ W'/_!Y+XZ^/O[2OQ%MO"OA#2;.*+4 .N[::9(7G%%6D.0*PH[G=(ZKP.MIZ\X%?T4U\]?&S_@D]_P3;_.0^)^]?&GX[_L7^ O%7BO6VB.K;_K.BK+^31?#_%':P6]Y'<)$GVB& -KB>6XAMT2.)?!!8D@[M0WH?OL ,9 ;J P"#:7 @FY^R!\#8 @/H'B'2.3L+FU^>)^];G]HE;0)1DN8]0 MN+.'R)41I2+R!$99BK&T8X(!K],O@!_P3+ _X)[LL>+A\0/V>?V, AUX2U!% M*PZ[!/A:W6]A4C#+';5,D8(X(5@#WS7HGOQ^ GP5 .:7^&]]\ V.@?A9H7C'P MQ[6W[.H?B'3H[]WD93E7"N#M=3RKKAE/((/4(GG_X.3OVZ/V7 _/@KU\>/ MV6/V?O\ @GU\2A\1=736- 2AN_P"RM+NHO%/JL^EQ6L&)HD/F?Z.*SKCY %W8 MS7](U?.WI+7 26_P"", [%?CE_B=^S'^R#X1\++>)&C=(]>BMI+F\MT<$.L M.UR\CP!@2I$94$'\XXKZ)H _!O\ X.YM$\6? O\ ;2 91 ,XG\ (7NH^%/"6K MI!]<]HF52YL=2@U"_W9C\]/ 'YVS)&[R0/IKV; (*Z_P#!PU_P2O\ C/\ M)$K?B=X ^.!'[1\?BGO,\1O!.VB;'X5M=$O8.R&2[41NUP)852 1(SLO9N2F$ MW$G/ZM_%GX0?"KX\^ -1^%7QK^'.B>+/#6K1>7]6A>(=.BN]6X4'(W1R]5)! M (.]0"""" :^8O!O ! ? @CCX#\9P^/O#W]/[P*=1MYQ "NHO7%[.*X.0?L MUO*\'!],>U 'P? .,$XO@9X_P#A9 P:$ %A? %OARZLKKQ\|_'/B2QLYX2L MIL9;.989BIJYVR10"53WC=6'!%0?\&U'[4?[/NL_\$4_'/]6F_%,29?B3I6@ M^_=;O !PF/VV'3C&BBZ*D8]LM<1 '/)8C^%L?M7?>'] U30)O"NI:'9W&EW% MFUI<.;;/ (]O+.LFQH6C(VLA4E2I&"#C&*\" 9 \ ^"2W !.#]E?QEKWQ[9\ M_9$\)^%M7\2Z1<;5K-W\.\ZQGV^=.;*CNRO1/M7*1A5.T<<4 ?C1_P0;_Y5 MD?VXO^O7QE_ZB=K1^QO- J8WQM_[&+4/_3KIM?N'\+/\'_V.O@A\%$_P"S MC\)V;:?"GA[P)XT6Y7Q7X5TS35CLJ4%Q;K;S"9!P^%5C/JH H_L#_ +&7 MA'\G'4_V0_#/[.OA2R^&.LS/+JO@BWTT+)T[2](S(%T)+QHWU44 ? BMXHL[M[[X.;]'>V@=Q!<+)*57.U/^%@RC)\LD?G7[_P &OVH_V??C_P;7^_O@O\ M"_XK;3K7BOX>?/(/XVT&$F)N &DFNIQ$LRD#;7\F0CKD+GH03^N'AW\D'JE M[P[^SBW[(.@? ?PS;_"] [&YLW\"?V6C::T$\SS31F%@5PTLCR',;(P;!|^# M' !)3_@F_P#L]_# _,9?"SX/_LB>%-\/_$.S2T\.Z6(I9X]8MT9F2&8S2.3 M&I=R$!"C<<"@#\%OBS\'?B+\4?\ @SA^$OB?P)IMS>6? @;XW7^N^)HK9"WE6 M!O=0LC.P\)5)KR#/8!BQP%S6OX^\8?L(^* _^"5W@VI _" X./C+XD\.>(M! MT72M9^ /AZ+3; 4=+FA$#&U?3I98WCMK26$%9G*HRP(8RY9 W\$7PB_9D_9\ M^ GP;7]CGX/?!WP_H'@5((F/_A$['3D%@R7#.\Z "P*LLC2.64@AMOSUKPSP.MG_P0U_X)&>!_BA'\8O#'[7P\M]=@NQ_X)$_LK_LR_MKQ_'J;PW=Z?<_"3X]Z5X1MH- M3T1+J1)Y%U&&.79$AAN(&>VVO(\=L#&_\9O\8_'#QE\??^"(GBCX?^*/^"8 M_!=#1?CUHNOZPL%E\, #6M'44BB 4I'=Z7'=7=N%?(A!!BGW_^[52"4_IU^._M'P"^"7[2_P .KSX1_M!?"C0/&? AF_*M=.;XCTN.[MV=<[9 L@.UUSE77#*>0 M0:\1 _9^_X(R?\$MOV6OB/;?%[X%_L2^"=%\36,_GZ;K4E])>3V,O:2W-T\GV M=QV;:1DX(S0!]'>%]0U;5O#.G:IKVD'3[ZYL89;VP+[C;2L@+Q9[(6)7;/?% M7]**/P!_P"#3;_E*9^UW_V\?^GR>OW^K\.?^#3;_E*9^UW_-O'_I\GK[_J M_"BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH M**** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ H MHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BBB@ HHHH **** "BB MB@ HHHH **** /D# @OQ_P H;/VA/^R?S?\ HZ*O A @T_ Y0V:/ V4#7O_ M $H _? ZBOP! XA-O^"IG _$EV P#*AKG _>H_P"(3; @J9_TEV \]&N? M ']/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#]]*_ ' B$V_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y \>H_ M?ZBOP! XA-O^"IG _$EV P#*AKG _>H_P"(3; @J9_TEV \]&N? ']/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#]]*_ ' B$V_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y \>H_ ?ZBOP! XA-O^"IG _$EV P#*AKG _>H_P"(3; @J9_TEV \]&N? ']/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AK MG_QZ@#]]*_ ' B$V_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y | M>H _?ZBOP! XA-O^"IG _$EV P#*AKG _>H_P" (3; @J9_TEV \]&N?_']/M/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#] _MJ*_ ' B$V_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y \>H_ ?ZBO MP! XA-O^"IG _$EV_P#*AKG _>H_P"(3; @J9_TEV_\]&N? ']/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#] _J*_ ' B$ MV_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y \>H_ ?ZBOP! XA-O^"IG _$EV_P#*AKG _>H_P"(3; @J9_TEV_\]&N? ']/W^HK\ ?^(3; @J9_P!)=O\ RH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#] _J*_ ' B$V_X*F?\ 27; _]&N?\ QZC_(A-O^"IG_27; RH:Y \>H_ ?ZBOP! XA-O^"IG _$EV M_P#*AKG _>H_P"(3; @J9_TEV_\]&N? ']/W^HK\ ?^(3; @J9_P!)=O\ MRH:Y_P#']/A B$V_X*F?])=O *AKG_QZ@#] _J*_ ' B$V_X*F?\ 27; _]&_MN?\ QZC_(A- O^"IG_27; RH:Y \>H_ ?ZBOP! XA-O^"IG _$EV_P#*AKG _M ,>H_P"(3; @J9_TEV_\]&N? ']_# @TV_Y2F?M=_P#;Q_Z?)Z_?ZOS! P"" M"W_!!;XT?\$BOC1\1/BO\5_VB/#_(W- .$WV\(@;B;3!]S%+:%*ER9FED;8G M=NS]<\U^GU !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% ! M1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 M4 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 M 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% ! M1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %% M%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%%% !1!10 4444 %%

Title of 12(b) Security	Common Stock, par value $0.01 per share
Trading Symbol	NI
Security Exchange Name	NYSE

~~XML 20 R2.htm IDEA: XBRL DOCUMENT~~

Audit Information	12 Months Ended Dec. 31, 2024
Auditor [Line Items]	
Auditor Name	DELOITTE & TOUCHE LLP
Auditor Location	Columbus, Ohio
Auditor Firm ID	34

~~XML 21 R3.htm IDEA: XBRL DOCUMENT~~

Statements Of Consolidated Income (Loss) - USD ($) shares in Thousands, $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Operating Revenues			
Customer revenues	$ 5,282.9	$ 5,347.8	$ 5,738.6
Other revenues	172.2	157.6	112.0
Total Operating Revenues	5,455.1	5,505.4	5,850.6
Operating Expenses			
Cost of energy	1,132.2	1,533.3	2,110.5
Operation and maintenance	1,515.2	1,494.9	1,489.4
Depreciation and amortization	1,043.2	908.2	820.8
Loss on impairment of assets	6.1	0.0	0.0
Loss (gain) on sale of assets, net	2.9	2.9	(104.2)
Other taxes	300.0	270.6	268.3
Total Operating Expenses	3,999.6	4,209.9	4,584.8
Operating Income	1,455.5	1,295.5	1,265.8
Other Income (Deductions)			
Interest expense, net	(517.2)	(489.6)	(361.6)
Other, net	64.5	8.0	52.2
Total Other Deductions, Net	(452.7)	(481.6)	(309.4)
Income before Income Taxes	1,002.8	813.9	956.4
Income Taxes	158.1	139.5	164.6
Net Income	844.7	674.4	791.8
Net income (loss) attributable to noncontrolling interest	84.3	(39.9)	(12.3)
Net Income attributable to NiSource	760.4	714.3	804.1
Preferred dividends	(6.7)	(42.8)	(55.1)
Preferred redemption premium	14.0	9.8	0.0
Net Income Available to Common Shareholders	$ 739.7	$ 661.7	$ 749.0
Earnings Per Share			
Basic Earnings Per Share	$ 1.63	$ 1.59	$ 1.84
Diluted Earnings Per Share	$ 1.62	$ 1.48	$ 1.70
Average common shares outstanding - Basic	454,200	416,100	407,100
Diluted Average Common Shares	456,000	447,900	442,700

~~XML 22 R4.htm IDEA: XBRL DOCUMENT~~

Statements of Consolidated Comprehensive Income (Loss) - USD ($) $ in Millions		12 Months Ended		
		Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Statement of Comprehensive Income [Abstract]				
Net Income		$ 844.7	$ 674.4	$ 791.8
Other comprehensive income:				
Net unrealized gain (loss) on available-for-sale securities	[1]	3.3	3.9	(13.3)
Net unrealized gain (loss) on cash flow hedges	[2]	(0.4)	(0.2)	109.9
Unrecognized pension and OPEB benefit (costs)	[3]	0.3	(0.2)	(6.9)
Total other comprehensive income		3.2	3.5	89.7
Total Comprehensive Income		$ 847.9	$ 677.9	$ 881.5

[1] Net unrealized gain (loss) on available-for-sale securities, net of $0.9 million tax expense, $1.0 million tax expense and $3.5 million tax benefit in 2024, 2023 and 2022, respectively.

[2] Net unrealized (loss) gain on derivatives qualifying as cash flow hedges, net of $0.1 million tax benefit, $0.1 million tax benefit and $36.4 million tax expense in 2024, 2023 and 2022, respectively.

[3] Unrecognized pension and OPEB benefit (costs), net of $0.3 million tax expense, $0.1 million tax benefit and $2.3 million tax benefit in 2024, 2023 and 2022, respectively.

~~XML 23 R5.htm IDEA: XBRL DOCUMENT~~

Statements of Consolidated Comprehensive Income (Loss) (Parenthetical) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Other Comprehensive Income (Loss), Securities, Available-for-Sale, Unrealized Holding Gain (Loss) Arising During Period, Tax	$ (0.9)	$ (1.0)	$ 3.5
Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent	0.1	0.1	(36.4)
Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax	$ (0.3)	$ 0.1	$ 2.3

~~XML 24 R6.htm IDEA: XBRL DOCUMENT~~

Consolidated Balance Sheets - USD ($) $ in Millions		Dec. 31, 2024	Dec. 31, 2023
Property, Plant and Equipment			
Plant		$ 34,152.9	$ 30,482.1
Accumulated depreciation and amortization		(8,699.0)	(8,207.2)
Net Property, Plant and Equipment	[1]	25,453.9	22,274.9
Investments and Other Assets			
Unconsolidated affiliates		6.5	5.3
Available-for-sale debt securities (amortized cost of $91.9 and $169.0, allowance for credit losses of $0.1 and $0.6, respectively)		86.7	159.1
Other investments		85.5	82.7
Total Investments and Other Assets		178.7	247.1
Current Assets			
Cash and cash equivalents		156.6	2,245.4
Restricted cash		42.0	35.7
Accounts receivable		987.9	884.9
Allowance for credit losses		(23.7)	(22.9)
Accounts receivable, net		964.2	862.0
Gas inventory		179.6	265.8
Materials and supplies, at average cost		173.3	172.1
Electric production fuel, at average cost		36.2	65.3
Exchange gas receivable		45.7	66.0

Regulatory assets		319.9	214.3
Deposits to renewable generation asset developer		0.0	454.2
Other Assets		138.5	105.5
Prepayments and other		24.2	13.1
Total Current Assets	[1]	2,080.2	4,499.4
Other Assets			
Regulatory assets		2,157.4	2,245.9
Goodwill		1,485.9	1,485.9
Deferred charges and other		432.0	324.0
Total Other Assets		4,075.3	4,055.8
Total Assets		31,788.1	31,077.2
Stockholders' Equity			
Common stock - $0.01 par value, 750,000,000 shares authorized; 469,822,472 and 447,381,671 shares outstanding, respectively		4.7	4.5
Preferred stock - $0.01 par value, 20,000,000 shares authorized; 0 and 40,000 shares outstanding, respectively		0.0	486.1
Treasury stock		(99.9)	(99.9)
Additional paid-in capital		9,521.5	8,879.5
Retained deficit		(711.7)	(967.0)
Accumulated other comprehensive loss		(30.4)	(33.6)
Total NiSource Stockholders' Equity		8,684.2	8,269.6
Noncontrolling interest in consolidated subsidiaries		1,984.1	1,866.7
Total Stockholders' Equity		10,668.3	10,136.3
Long-term debt, excluding amounts due within one year		12,074.5	11,055.5
Total Capitalization		22,742.8	21,191.8
Current Liabilities			
Current portion of long-term debt		1,281.2	23.8
Short-term borrowings		604.6	3,048.6
Accounts payable		863.1	749.4
Customer deposits and credits		268.8	294.4
Taxes accrued		173.4	166.2
Interest accrued		157.0	136.1
Asset retirement obligations		84.6	72.5
Exchange gas payable		91.8	50.5
Regulatory liabilities		150.5	278.6
Accrued compensation and employee benefits		268.2	227.6
Other accruals		170.2	217.4
Total Current Liabilities		4,113.4	5,265.1
Other Liabilities			
Deferred income taxes		2,281.6	2,080.4
Accrued liability for postretirement and postemployment benefits		207.5	250.1
Regulatory liabilities		1,431.2	1,510.7
Asset retirement obligations		698.6	480.5
Other noncurrent liabilities		313.0	298.6
Total Other Liabilities(1)		4,931.9	4,620.3
Total Capitalization and Liabilities		$ 31,788.1	$ 31,077.2

[1] (1)Includes $1,323.8 million and $1,369.8 million in 2024 and 2023, respectively, of net property, plant and equipment assets, $65.0 million and $63.6 million in 2024 and 2023, respectively, of current assets of consolidated VIEs that may be used only to settle obligations of the consolidated VIEs. Refer to Note 4, "Noncontrolling Interests," for additional information.

~~XML 25 R7.htm IDEA: XBRL DOCUMENT~~

Consolidated Balance Sheets (Parenthetical) - USD ($) $ in Millions		Dec. 31, 2024	Dec. 31, 2023
Amortized Cost		$ 91.9	$ 169.0
Allowance for Credit Loss		(0.1)	(0.6)
Net Property, Plant and Equipment	[1]	25,453.9	22,274.9
Current assets	[1]	$ 2,080.2	$ 4,499.4
Common stock, par value		$ 0.01	$ 0.01
Common stock, shares authorized		750,000,000	750,000,000
Common stock, shares outstanding		469,822,472	447,381,671
Preferred Stock, Par or Stated Value Per Share		$ 0.01	$ 0.01
Preferred Stock, Shares Authorized		20,000,000	20,000,000
Preferred Stock, Shares Outstanding		0	40,000
Current liabilities		$ 4,113.4	$ 5,265.1
Liabilities, Noncurrent		4,931.9	4,620.3
Deposits to renewable generation asset developer		0.0	454.2
Finance Lease, Liability, Payment, Due		429.4	
Consolidated Variable Interest Entities			
Net Property, Plant and Equipment		1,323.8	1,369.8
Current assets		65.0	63.6
Current liabilities		53.7	68.3
Liabilities, Noncurrent		$ 58.3	$ 55.7

[1] (1)Includes $1,323.8 million and $1,369.8 million in 2024 and 2023, respectively, of net property, plant and equipment assets, $65.0 million and $63.6 million in 2024 and 2023, respectively, of current assets of consolidated VIEs that may be used only to settle obligations of the consolidated VIEs. Refer to Note 4, "Noncontrolling Interests," for additional information.

~~XML 26 R8.htm IDEA: XBRL DOCUMENT~~

Statements Of Consolidated Cash Flows - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Operating Activities			
Net Income	$ 844.7	$ 674.4	$ 791.8
Adjustments to Reconcile Net Income to Net Cash from Operating Activities:			
Depreciation and amortization	1,043.2	908.2	820.8
Deferred income taxes	168.0	134.1	156.9
Stock compensation expense and 401(k) profit sharing contribution	43.6	33.5	24.9
Loss (gain) on sale of assets	2.9	2.9	(105.3)
Payments for assets retirement obligations	(72.5)	(41.6)	(22.3)
Other adjustments	(52.8)	(17.9)	5.7
Changes in Assets and Liabilities:			
Accounts receivable	(101.5)	184.1	(216.3)
Gas storage and other inventories	102.0	233.9	(258.9)
Accounts payable	71.5	(171.8)	165.0
Exchange gas receivable/payable	(133.5)	126.5	57.8
Other accruals	9.5	(102.9)	73.4
Prepayments and other current assets	(75.9)	36.7	(9.8)
Regulatory assets/liabilities	(8.7)	(26.2)	(129.4)
Postretirement and postemployment benefits	(64.3)	(22.0)	84.7
Deferred charges and other noncurrent assets	(20.8)	(10.1)	(4.1)
Other noncurrent liabilities and deferred credits	26.1	(6.7)	(25.5)
Net Cash Flows from Operating Activities	1,781.5	1,935.1	1,409.4
Investing Activities			

Capital expenditures	(2,614.0)	(2,645.8)	(2,203.1)
Proceeds from Insurance Settlement, Investing Activities	0.8	3.0	105.0
Cost of removal	(166.8)	(160.8)	(151.7)
Purchases of available-for-sale securities	(17.8)	(42.8)	(73.5)
Sales of available-for-sale securities	93.2	39.9	75.7
Milestone and final payments to renewable generation asset developer	(482.0)	(761.4)	(323.9)
Advanced deposits for project costs	(29.0)	0.0	0.0
Other investing activities	2.6	(3.7)	1.3
Net Cash Flows used for Investing Activities	(3,213.0)	(3,571.6)	(2,570.2)
Financing Activities			
Proceeds from issuance of long-term debt	2,229.5	1,488.7	345.6
Repayments of long-term debt and finance lease obligations	(25.6)	(33.1)	(60.3)
Repayment of short term credit agreements	(1,650.0)	0.0	0.0
Issuance of short term credit agreements	0.0	650.0	1,000.0
Net change in commercial paper and other short-term borrowings	(794.0)	636.4	202.2
Issuance of common stock, net of issuance costs	612.6	12.9	154.3
Redemption of preferred stock	(486.1)	(393.9)	0.0
Preferred stock redemption premium	(14.0)	(6.2)	0.0
Payment of obligation to renewable generation asset developer	0.0	(347.2)	0.0
Equity costs, premiums and other debt related costs	(67.3)	(30.2)	(13.0)
Contributions from NIPSCO minority interest holders	(99.5)	(2,161.9)	0.0
Distributions to NIPSCO minority interest holders	(50.3)	0.0	0.0
Distributions to tax equity partners	(50.3)	0.0	0.0
Contributions from tax equity partners	0.0	240.9	21.2
Distributions to tax equity partners	(16.1)	(14.1)	(6.0)
Dividends paid - common stock	(481.0)	(413.5)	(381.5)
Dividends paid - preferred stock	(8.2)	(43.8)	(55.1)
Contract liability payment	0.0	(66.6)	(66.1)
Net Cash Flows (used for) from Financing Activities	(651.0)	3,842.2	1,141.3
Change in cash, cash equivalents and restricted cash	(2,082.5)	2,205.7	(19.5)
Cash, cash equivalents and restricted cash at beginning of period	2,281.1	75.4	94.9
Cash, Cash Equivalents and Restricted Cash at End of Period	$ 198.6	$ 2,281.1	$ 75.4

~~XML 27 R9.htm IDEA: XBRL DOCUMENT~~

Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022	Dec. 31, 2021
Cash and Cash Equivalents, at Carrying Value	$ 156.6	$ 2,245.4	$ 40.8	
Restricted cash	42.0	35.7	34.6	
Cash, Cash Equivalents, Restricted Cash and Restricted Cash Equivalents	$ 198.6	$ 2,281.1	$ 75.4	$ 94.9

~~XML 28 R10.htm IDEA: XBRL DOCUMENT~~

Statements Of Consolidated Stockholders' Equity - USD ($) shares in Thousands, $ in Millions	Total	Common Stock	Preferred Stock	Treasury Stock, Common	Additional Paid-in Capital	Retained Deficit	Accumulated Other Comprehensive Loss	Noncontrolling Interest in Consolidated Subsidiaries
Beginning Balance at Dec. 31, 2021	$ 7,272.9	$ 4.1	$ 1,546.5 [1]	$ (99.9)	$ 7,204.3	$ (1,580.9)	$ (126.8)	$ 325.6
Comprehensive Income (Loss):								
Net Income	791.8					804.1		(12.3)
Other Comprehensive Income (Loss), Net of Tax	89.7					0.0	89.7	
Dividends:								
Common stock	(381.7)					(381.7)		
Preferred stock	55.1					55.1		
Treasury Stock, Value, Acquired, Cost Method	19.1							(19.1)
Contribution from noncontrolling interest	(6.0)							6.0
Stock issuances:								
Employee stock purchase plan	5.2				5.2			
Long-term incentive plan	14.3				14.3			
401(k) and profit sharing	9.7				9.7			
ATM Program	141.9	0.1			141.8			
Ending Balance at Dec. 31, 2022	$ 7,901.8	$ 4.2	$ 1,546.5 [1]	$ (99.9)	7,375.3	(1,213.6)	(37.1)	326.4
Stock issuances:								
401(k) and profit sharing plan	337	337	0	0				
ATM Program	5,942	5,942	0	0				
Net Income	$ 674.4					714.3		
Other Comprehensive Income (Loss), Net of Tax	3.5					0.0	3.5	
Common stock	(414.1)					(414.1)		
Preferred stock	43.8					43.8		
Proceeds from (Payments to) Noncontrolling Interests	2,170.7				809.6			1,361.1
Contribution from noncontrolling interest	(233.2)							(233.2)
Distributions to Noncontrolling Interest Holders	14.1							14.1
Equity Units	0.0	$ 0.3	$ (666.5) [1]		666.2			
Employee stock purchase plan	5.9				5.9			
Long-term incentive plan	12.6				12.6			
401(k) and profit sharing	9.9				9.9			
Ending Balance at Dec. 31, 2023	10,136.3	$ 4.5	486.1 [1]	$ (99.9)	8,879.5	(967.0)	(33.6)	1,866.7
Stock issuances:								
Preferred stock redemption	393.9		$ 393.9 [1]					
Preferred Stock Redemption Premium	$ (9.8)					9.8		
401(k) and profit sharing plan	366	366	0	0				
ATM Program	33,899	33,899	0	0				
Stock Issued/Redeemed During the Period, Shares, Equity Units	0	0	(863)	0				
Preferred Stock Shares Redeemed	0	0	(400)	0				
Net Income	$ 844.7					760.4		
Other Comprehensive Income (Loss), Net of Tax	3.2					0.0	3.2	0.0
Common stock	(483.0)					(483.0)		
Preferred stock	8.1					8.1		

Proceeds from (Payments to) Noncontrolling Interests	50.3							
Contribution from noncontrolling interest	(99.5)					0.0		(99.5)
Distributions to Noncontrolling Interest Holders	66.4					0.0		66.4
Equity Units	(486.1)		$ (486.1)	[1]		0.0		
Employee stock purchase plan	6.4				6.4			
Long-term incentive plan	26.6				26.6			
401(k) and profit sharing	9.2				9.2			
ATM Program	600.0	$ 0.2			599.8			
Ending Balance at Dec. 31, 2024	10,668.3	$ 4.7	$ 0.0	[1] $ (99.9)	$ 9,521.5	(711.7)	$ (30.4)	$ 1,984.1
Stock issuances:								
Preferred Stock Redemption Premium	$ (14.0)					$ (14.0)		
401(k) and profit sharing plan	309	309	0	0				
ATM Program	21,144	21,144	0	0				
Preferred Stock Shares Redeemed	0	0	(40)	0				

[1] Series A, Series B and Series C shares had an aggregate liquidation preference of $400M, $500M and $863M, respectively.

~~*XML 29 R11.htm IDEA: XBRL DOCUMENT*~~

Statements Of Consolidated Stockholders' Equity (Shares) - shares shares in Thousands	Total	Common Stock	Treasury Stock, Common	Preferred Stock
Beginning Balance at Dec. 31, 2021	405,303	409,266	3,963	1,303
Issued:				
Employee stock purchase plan	186	186	0	0
Long-term incentive plan	375	375	0	0
401(k) and profit sharing plan	337	337	0	0
ATM Program	5,942	5,942	0	0
Ending Balance at Dec. 31, 2022	412,143	416,106	3,963	1,303
Issued:				
Equity Units	0	0	0	863
Preferred Stock Shares Redeemed	0	0	0	400
Employee stock purchase plan	216	216	0	0
Long-term incentive plan	758	758	0	0
401(k) and profit sharing plan	366	366	0	0
ATM Program	33,899	33,899	0	0
Ending Balance at Dec. 31, 2023	447,382	451,345	3,963	40
Issued:				
Preferred Stock Shares Redeemed	0	0	0	40
Employee stock purchase plan	218	218	0	0
Long-term incentive plan	769	769	0	0
401(k) and profit sharing plan	309	309	0	0
ATM Program	21,144	21,144	0	0
Ending Balance at Dec. 31, 2024	469,822	473,785	3,963	0

~~*XML 30 R12.htm IDEA: XBRL DOCUMENT*~~

Statements of Consolidated Stockholders' Equity (Parenthetical) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Common Stock, Dividends, Per Share, Declared	$ 1.06	$ 1.00	$ 0.94
Series A Preferred Stock			
Preferred Stock, Liquidation Preference, Value	$ 400	$ 400	$ 400
Series B Preferred Stock			
Preferred Stock, Liquidation Preference, Value	500	$ 500	$ 500
Series C Preferred Stock			
Preferred Stock, Liquidation Preference, Value	$ 863		

~~*XML 31 R13.htm IDEA: XBRL DOCUMENT*~~

Nature of Operations And Summary of Significant Accounting Policies	12 Months Ended
	Dec. 31, 2024
Organization, Consolidation and Presentation of Financial Statements [Abstract]	
Nature of Operations and Summary of Significant Accounting Policies	

A. Company Structure and Principles of Consolidation. We are an energy holding company incorporated in Delaware and headquartered in Merrillville, Indiana. Our subsidiaries are fully regulated natural gas and electric utility companies serving approximately 3.8 million customers in six states. We generate substantially all of our operating income through these rate-regulated businesses. The consolidated financial statements include the accounts of us, our majority-owned subsidiaries, and VIEs of which we are the primary beneficiary after the elimination of all intercompany accounts and transactions.

B. Use of Estimates. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

C. Cash, Cash Equivalents and Restricted Cash. We consider all highly liquid investments with original maturities of three months or less to be cash equivalents. We report amounts deposited in brokerage accounts for margin requirements as restricted cash. In addition, we have amounts deposited in trusts to satisfy requirements for the provision of various property, liability, workers compensation, and long-term disability insurance, and holdbacks related to certain joint venture development agreements which is classified as restricted cash on the Consolidated Balance Sheets and disclosed with cash and cash equivalents on the Statements of Consolidated Cash Flows.

D. Accounts Receivable and Unbilled Revenue. Accounts receivable on the Consolidated Balance Sheets includes both billed and unbilled amounts. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from their last cycle billing date through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, weather and reasonable and supportable forecasts. Accounts receivable fluctuates from year to year depending in large part on weather impacts and price volatility. Our accounts receivable on the Consolidated Balance Sheets include unbilled revenue, less reserves. The reserve for uncollectible receivables is our best estimate of the amount of probable credit losses in the existing accounts receivable. We determined the reserve based on historical collection experience, current market conditions and reasonable and supportable forecasts. Account balances are charged against the allowance when it is anticipated the receivable will not be recovered. Refer to Note 3, "Revenue Recognition," for additional information on customer-related accounts receivable, including amounts related to unbilled revenues.

E. Investments in Debt Securities. Our investments in debt securities are carried at fair value and are designated as available-for-sale. These investments are included within "Available-for-sale debt securities" on the Consolidated Balance Sheets. Unrealized gains and losses, net of deferred income taxes, are recorded to accumulated other comprehensive income or loss. At each reporting period these investments are qualitatively and quantitatively assessed to determine whether a decline in fair value below the amortized cost basis has resulted from a credit loss or other factors. Impairments related to credit loss are recorded through an allowance for credit losses. Impairments that are not related to credit losses are included in other comprehensive income and are reflected in the Statements of Consolidated Income. No material impairment charges were recorded for the years ended December 31, 2024, 2023 or 2022. Refer to Note 14, "Fair Value," for additional information.

F. Basis of Accounting for Rate-Regulated Subsidiaries. Rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be billed and collected. Certain expenses and credits subject to utility regulation or rate determination that would normally be reflected in income for non-regulated entities are deferred on the Consolidated Balance Sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers.

We continually evaluate whether or not our operations are within the scope of ASC 980 and rate regulations. As part of that analysis, we evaluate probability of recovery for our regulatory assets. In management's opinion, our regulated subsidiaries will be subject to regulatory accounting for the foreseeable future. Refer to Note 12, "Regulatory Matters," for additional information.

G. Plant and Other Property and Related Depreciation and Maintenance. Property, plant and equipment (principally utility plant) is stated at cost. Our rate-regulated subsidiaries record depreciation using composite rates on a straight-line basis over the remaining service lives of the electric, gas and common properties, as approved by the appropriate regulators.

Non-utility property, consisting of renewable generation assets owned by JVs of which we are the primary beneficiary and certain retired regulatory assets described below, is generally depreciated over the life of the associated assets. Refer to Note 9, "Property, Plant and Equipment," for additional information related to depreciation expense.

For rate-regulated companies where provided for in rates, AFUDC is capitalized on all classes of property except organization costs, land, autos, office equipment, tools and other general property purchases. The allowance is applied to construction costs for that period of time between the date of the expenditure and the date on which such project is placed in service. Our consolidated pre-tax rate for AFUDC was 4.8% in 2024, 3.9% in 2023 and 3.4% in 2022.

Generally, our subsidiaries follow the practice of charging maintenance and repairs, including the cost of removal of minor items of property, to expense as incurred. When our subsidiaries retire regulated property, plant and equipment, original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired

substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the gross amounts are classified as "Non-Utility and Other " as described in Note 9, "Property, Plant and Equipment." If the asset is no longer operating but still subject to recovery, the net amount is classified in "Regulatory assets" on the Consolidated Balance Sheets. If we are able to recover a full return of and on investment, the carrying value of the asset is based on historical cost. If we are not able to recover a full return on investment, a loss on impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate.

External and internal costs associated with on-premise computer software developed for internal use are capitalized. Capitalization of such costs commences upon the completion of the preliminary stage of each project. Once the installed software is ready for its intended use, such capitalized costs are amortized on a straight-line basis generally over a period of five years. External and internal up-front implementation costs associated with cloud computing arrangements that are service contracts are deferred on the Consolidated Balance Sheets, with the associated internal-use software capitalized to plant if the we have a contractual right to take possession of the software at any time during the hosting period without significant penalty and it is feasible for us to either run the software on our own hardware or contract with another party unrelated to the vendor to host the software. Once the installed software is ready for its intended use, such deferred costs are amortized on a straight-line basis to "Operation and maintenance," over the minimum term of the contract plus contractually-provided renewal periods that are reasonably expected to be exercised.

H. Goodwill and Other Intangible Assets. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. We test our goodwill for impairment annually as of May 1, or more frequently if events and circumstances indicate that goodwill might be impaired. Fair value of our reporting units is determined using a combination of income and market approaches. See Note 10, "Goodwill," for additional information.

I. Accounts Receivable Transfer Programs. Certain of our subsidiaries have agreements with third parties to transfer certain accounts receivable without recourse. These transfers of accounts receivable are accounted for as secured borrowings. The entire gross receivables balance remains on the December 31, 2024 and 2023 Consolidated Balance Sheets. When amounts are securitized, the short-term debt is recorded in the amount of proceeds received from the transferees involved in the transactions. Refer to Note 7, "Short-Term Borrowings," for further information.

J. Gas Cost and Fuel Adjustment Clause. Our regulated subsidiaries defer most differences between gas and fuel purchase costs and the recovery of such costs in revenues and adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. These deferred balances are recorded as "Regulatory assets" or "Regulatory liabilities," as appropriate, on the Consolidated Balance Sheets. Refer to Note 12, "Regulatory Matters," for additional information.

K. Gas Storage and Other Inventories. Both the LIFO inventory methodology and the weighted average cost methodology are used to value natural gas in storage, as approved by regulators for all of our regulated subsidiaries. Inventory valued using LIFO was $43.8 million and $43.9 million at December 31, 2024 and 2023, respectively. Based on the average cost of gas using the LIFO method, the estimated replacement cost of gas in storage was less than the stated LIFO cost by $12.8 million at December 31, 2024 and was less than the stated LIFO cost by $22.5 million at December 31, 2023. As all LIFO inventory costs are collected from customers through our rate-regulated subsidiaries, no inventory impairment has been recorded. Gas inventory valued using the weighted average cost methodology was $135.8 million at December 31, 2024 and $222.0 million at December 31, 2023.

Electric production fuel is valued using the weighted average cost inventory methodology, as approved by NIPSCO's regulator.

Materials and supplies are valued using the weighted average cost inventory methodology. Materials and supplies are charged to expense or capitalized to property, plant and equipment when issued.

L. Accounting for Exchange and Balancing Arrangements of Natural Gas. Our Columbia Operations and NIPSCO Operations segment enters into balancing and exchange arrangements of natural gas as part of its operations and off-system sales programs. We record a receivable or payable for any of our respective cumulative gas imbalances, as well as for any gas inventory borrowed or lent under an exchange agreement. Exchange gas is valued based on individual regulatory jurisdiction requirements (for example, historical spot rate, spot at the beginning of the month). These receivables and payables are recorded as “Exchange gas receivable” or “Exchange gas payable” on our Consolidated Balance Sheets, as appropriate.

M. Accounting for Risk Management Activities. We account for our derivatives and hedging activities in accordance with ASC 815. We recognize all derivatives as either assets or liabilities on the Consolidated Balance Sheets at fair value, unless such contracts are exempted as a normal purchase normal sale under the provisions of the standard. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and resulting designation.

We do not offset the fair value amounts recognized for any of our derivative instruments against the fair value amounts recognized for the right to reclaim cash collateral or obligation to return cash collateral for derivative instruments executed with the same counterparty under a master netting arrangement. See Note 13, "Risk Management Activities," for additional information.

N. Income Taxes and Investment Tax Credits. Under the asset and liability method, deferred income taxes are provided for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amount and the tax basis of existing assets and liabilities. Investment tax credits associated with regulated operations are deferred and amortized as a reduction to income tax expense over the estimated useful lives of the related properties. Furthermore, the tax basis of the asset is reduced by 50% of the ITCs received, resulting in a net deferred tax asset.

To the extent certain deferred income taxes of the regulated companies are recoverable or payable through future rates, regulatory assets and liabilities have been established. Regulatory assets for income taxes are primarily attributable to property-related tax timing differences for which deferred taxes had not been provided in the past when regulators did not recognize such taxes as costs in the rate-making process. Regulatory liabilities for income taxes are primarily attributable to the regulated companies’ obligation to refund to ratepayers deferred income taxes provided at rates higher than the current Federal income tax rate. Such property-related amounts are credited to ratepayers using either the average rate assumption method or the reverse South Georgia method. Non property-related amounts are credited to ratepayers consistent with state utility commission direction.

Pursuant to the Internal Revenue Code and relevant state taxing authorities, we and our subsidiaries file consolidated income tax returns for federal and certain state jurisdictions. We and our subsidiaries are parties to a tax sharing agreement. Income taxes recorded by each party represent amounts that would be owed had the party been separately subject to tax.

O. Pension Remeasurement. We utilize a third-party actuary for the purpose of performing actuarial valuations of our defined benefit plans. Annually, as of December 31, we perform a remeasurement for our defined benefit plans. Quarterly, we monitor for significant events, and if a significant event is identified, we perform a qualitative and quantitative assessment to determine if the resulting remeasurement would materially impact the NiSource financial statements. If material, an interim remeasurement is performed. See Note 16, "Pension and Other Postemployment Benefits," for additional information.

P. Environmental Expenditures. We accrue for costs associated with environmental remediation obligations, including expenditures related to asset retirement obligations and cost of removal, when the incurrence of such costs is probable and the amounts can be reasonably estimated, regardless of when the expenditures are actually made. The estimated future expenditures are based on currently enacted laws and regulations, existing technology and estimated site-specific costs where assumptions may be made about the nature and extent of site contamination, the extent of cleanup efforts, costs of alternative cleanup methods and other variables. The liability is adjusted as further information is discovered or circumstances change. The accruals for estimated environmental expenditures are recorded on the Consolidated Balance Sheets in “Other accruals” for short-term portions of these liabilities and “Other noncurrent liabilities and deferred credits” for the respective long-term portions of these liabilities. Rate-regulated subsidiaries applying regulatory accounting establish regulatory assets on the Consolidated Balance

Sheets to the extent that future recovery of environmental remediation costs is probable through the regulatory process. Refer to Note 11, "Asset Retirement Obligations," and Note 19, "Other Commitments and Contingencies," for further information.

Q. Excise Taxes. As an agent for some state and local governments, we invoice and collect certain excise taxes levied by state and local governments on customers and record these amounts as liabilities payable to the applicable taxing jurisdiction. Such balances are presented within "Other accruals" on the Consolidated Balance Sheets. These types of taxes collected from customers, comprised largely of sales taxes, are presented on a net basis affecting neither revenues nor cost of sales. We account for excise taxes for which we are liable by recording a liability for the expected tax with a corresponding charge to “Other taxes” expense on the Statements of Consolidated Income.

R. Accrued Insurance Liabilities. We accrue for insurance costs related to workers compensation, automobile, property, general and employment practices liabilities based on the most probable value of each claim. In general, claim values are determined by professional, licensed loss adjusters who consider the facts of the claim, anticipated indemnification and legal expenses, and respective state rules. Claims are reviewed by us at least quarterly and an adjustment is made to the accrual based on the most current information.

S. Noncontrolling Interest. We maintain a controlling financial interest in certain of our less than wholly owned subsidiaries. We consolidate these subsidiaries as either voting interest entities or VIEs and present the third-party investors' portion of our net income (loss), net assets and comprehensive income (loss) as noncontrolling interest. Noncontrolling interest is included as a component of equity on the Consolidated Balance Sheet.

On December 31, 2023, the NIPSCO Minority Interest Transaction closed and a 19.9% equity interest in NIPSCO Holdings II, the sole owner of NIPSCO, was issued to an affiliate of Blackstone. NIPSCO Holdings II does not meet the criteria of a VIE and instead is consolidated under the voting interest model in accordance with ASC 810 as we maintain control through a majority interest in NIPSCO Holdings II. Refer to Note 4, "Noncontrolling Interests," for further discussion on the NIPSCO Minority Interest Transaction.

We fund a portion of our renewable generation assets through JVs with tax equity partners. We consolidate these JVs in accordance with ASC 810 as they are VIEs in which we hold a variable interest, and we control decisions that are significant to the JVs' ongoing operations and economic results (i.e., we are the primary beneficiary).

These JVs are subject to profit sharing arrangements in which the allocation of the JVs' cash distributions and tax benefits to members is based on factors other than members' relative ownership percentages. As such, we utilize the HLBV method to allocate proceeds to each partner at the balance sheet date based on the liquidation provisions of the related JV's operating agreement and adjust the amount of the VIE's net income attributable to us and the noncontrolling tax equity member during the period.

In each reporting period, the application of HLBV to our consolidated VIEs results in a difference between the amount of profit from the consolidated JVs and the amount included in regulated rates. As discussed above in "F. Basis of Accounting for Rate-Regulated Subsidiaries," we are subject to the accounting and reporting requirements of ASC 980. In accordance with these principles, we recognize a regulatory liability or asset for amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. The amounts recorded in income will ultimately reflect the amount allowed in regulated rates to recover our investments over the useful life of the projects. The offset to the regulatory liability or asset associated with our renewable investments included in regulated rates is recorded in "Depreciation expense" on the Statements of Consolidated Income.

~~XML 32 R14.htm IDEA: XBRL DOCUMENT~~

Recent Accounting Pronouncements	12 Months Ended Dec. 31, 2024
Accounting Standards Update and Change in Accounting Principle [Abstract]	
Recent Accounting Pronouncements	

Recently Issued Accounting Pronouncements

In November 2024, the FASB issued ASU 2024-03, *Income Statement—Reporting Comprehensive Income—Expense Disaggregation Disclosures (Subtopic 220-40)*. This pronouncement requires disaggregated disclosure of income statement expenses for public business entities. The ASU requires disclosure in tabular format of disaggregation of relevant expense captions presented on the income statement by certain natural expense categories with certain related qualitative disclosures within the notes to the financial statements. The ASU does not change the expense captions an entity presents on the income statement. The ASU is effective for fiscal years beginning after December 15, 2026 and interim reporting periods beginning after December 15, 2027. We are currently evaluating the impacts this amendment will have on our required disclosures.

In December 2023, the FASB issued ASU 2023-09, *Income Taxes (Topic 740): Improvements to Income Tax Disclosures*. This pronouncement enhances required income tax disclosures. The pronouncement will require disclosure of specific categories and reconciling items included in the rate reconciliation, disaggregation between federal, state and local income taxes paid, and disclosure of income taxes paid by jurisdictions over a certain threshold. Additionally, the pronouncement eliminates certain required disclosures related to unrecognized tax benefits. This ASU is effective for annual periods beginning after December 15, 2024, with early adoption permitted, and is to be applied on a prospective basis with retrospective application permitted. We will implement and provide the required disclosures beginning in 2025.

Recently Adopted Accounting Pronouncements

In November 2023, the FASB issued ASU 2023-07, *Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures*. This pronouncement enhances annual and interim disclosure requirements over reportable segments, primarily through enhanced disclosures about significant segment expenses. Specifically, the pronouncement requires disclosure of significant segment expenses that are regularly provided to the Chief Operating Decision Maker ("CODM") and included within each reported measure of segment profit or loss, disclosure of an amount for other segment items representing the difference between segment revenue and segment expenses already disclosed, disclosure of all required annual disclosures for interim periods and disclosure of title and position of the CODM and how the CODM uses reported measures. The pronouncement also allows for more than one measure of segment profit if the CODM uses more than one measure in assessing segment performance. This pronouncement is effective for annual periods beginning after December 15, 2023 and interim periods within fiscal years beginning after December 15, 2024. The Company adopted this pronouncement as of December 31, 2024 with retrospective application and updated its disclosures to include significant expenses regularly provided to the CODM, the CODM's title and how the CODM utilizes reported measures. See Note 21, "Business Segment Information" for further discussion.

~~XML 33 R15.htm IDEA: XBRL DOCUMENT~~

Revenue Recognition	12 Months Ended Dec. 31, 2024
Revenue from Contract with Customer [Abstract]	
Revenue from Contract with Customer	

Customer Revenues. Substantially all of our revenues are tariff-based. Under ASC 606, the recipients of our utility service meet the definition of a customer, while the operating company tariffs represent an agreement that meets the definition of a contract, which creates enforceable rights and obligations. Customers in certain of our jurisdictions participate in programs that allow for a fixed payment each month

regardless of usage. Payments received that exceed the value of gas or electricity actually delivered are recorded as a liability and presented in "Customer deposits and credits" on the Consolidated Balance Sheets. Amounts in this account are reduced and revenue is recorded when customer usage exceeds payments received.

We have identified our performance obligations created under tariff-based sales as 1) the commodity (natural gas or electricity, which includes generation and capacity) and 2) delivery. These commodities are sold and / or delivered to and generally consumed by customers simultaneously, leading to satisfaction of our performance obligations over time as gas or electricity is delivered to customers. Due to the at-will nature of utility customers, performance obligations are limited to the services requested and received to date. Once complete, we generally maintain no additional performance obligations.

Transaction prices for each performance obligation are generally prescribed by each operating company's respective tariff. Rates include provisions to adjust billings for fluctuations in fuel and purchased power costs and cost of natural gas. Revenues are adjusted for differences between actual costs, subject to reconciliation, and the amounts billed in current rates. Under or over recovered revenues related to these cost recovery mechanisms are included in "Regulatory assets" or "Regulatory liabilities" on the Consolidated Balance Sheets and are recovered from or returned to customers through adjustments to tariff rates. As we provide and deliver service to customers, revenue is recognized based on the transaction price allocated to each performance obligation. Distribution revenues are generally considered daily or "at-will" contracts as customers may cancel their service at any time (subject to notification requirements), and revenue generally represents the amount we are entitled to bill customers.

In addition to tariff-based sales, our gas distribution in both our Columbia Operations and NIPSCO Operations segments enters into balancing and exchange arrangements of natural gas as part of our operations and off-system sales programs. Performance obligations for these types of sales include transportation and storage of natural gas and can be satisfied at a point in time or over a period of time, depending on the specific transaction. For those transactions that span a period of time, we record a

receivable or payable for any cumulative gas imbalances, as well as for any gas inventory borrowed or lent under a gas distribution operations exchange agreement.

Revenue Disaggregation and Reconciliation. We disaggregate revenue from contracts with customers based upon reportable segment, as well as by customer class. As of January 1, 2024, we have changed our reportable segments from Gas Distribution Operations and Electric Operations to Columbia Operations and NIPSCO Operations. Our historical segment disclosures have been recast to be consistent with the current presentation. For additional information see Note 21, "Business Segment Information".

The Columbia Operations segment provides regulated natural gas service and transportation for residential, commercial and industrial customers in Ohio, Pennsylvania, Virginia, Kentucky, and Maryland. The NIPSCO Operations segment provides regulated gas and electric service in northern Indiana for residential, commercial and industrial customers.

Other Revenues. As permitted by accounting principles generally accepted in the United States, regulated utilities have the ability to earn certain types of revenue that are outside the scope of ASC 606. These revenues primarily represent revenue earned under alternative revenue programs. Alternative revenue programs represent regulator-approved mechanisms that allow for the adjustment of billings and revenue for certain approved programs. We maintain a variety of these programs, including demand side management initiatives that recover costs associated with the implementation of energy efficiency programs, as well as normalization programs that adjust revenues for the effects of weather or other external factors. Additionally, we maintain certain programs with future test periods that operate similarly to FERC formula rate programs and allow for recovery of costs incurred to replace aging infrastructure. When the criteria to recognize alternative revenue have been met, we establish a regulatory asset and present revenue from alternative revenue programs on the Statements of Consolidated Income as "Other revenues". When amounts previously recognized under alternative revenue accounting guidance are billed, we reduce the regulatory asset and record a customer account receivable.

The tables below reconcile revenue disaggregation by customer class to segment revenue, as well as to revenues reflected on the Statements of Consolidated Income:

Year Ended December 31, 2024 (in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,833.8	$ 531.4	$ —	$ 2,365.2
Commercial	580.3	199.2	—	779.5
Industrial	144.2	79.0	—	223.2
Off-system	42.6	—	—	42.6
Wholesale	1.2	—	—	1.2
Miscellaneous[1]	26.3	15.4	—	41.7
Subtotal	$ 2,628.4	$ 825.0	$ —	$ 3,453.4
Electric Generation and Power Delivery				
Residential	$ —	$ 649.9	$ —	$ 649.9
Commercial	—	620.4	—	620.4
Industrial	—	499.1	—	499.1
Wholesale	—	38.3	—	38.3
Public Authority	—	8.1	—	8.1
Miscellaneous[1]	—	13.7	—	13.7
Subtotal	$ —	$ 1,829.5	$ —	$ 1,829.5
Total Customer Revenues[2]	2,628.4	2,654.5	—	5,282.9
Other Revenues[3]	74.8	96.5	0.9	172.2
Total Operating Revenues	$ 2,703.2	$ 2,751.0	$ 0.9	$ 5,455.1

[1]Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue refunds, public repairs and property rentals.
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily relate to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily relate to weather normalization adjustment mechanisms, MISO multi-value projects and revenue from non-jurisdictional transmission assets.

Year Ended December 31, 2023 *(in millions)*	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,827.5	$ 635.0	$ —	$ 2,462.5
Commercial	598.9	249.0	—	847.9
Industrial	139.0	87.0	—	226.0
Off-system	60.6	—	—	60.6
Wholesale	1.6	—	—	1.6
Miscellaneous[1]	33.4	14.8	—	48.2
Subtotal	2,661.0	985.8	—	3,646.8
Electric Generation and Power Delivery				
Residential	—	583.9	—	583.9
Commercial	—	578.1	—	578.1
Industrial	—	474.1	—	474.1
Wholesale	—	32.0	—	32.0
Public Authority	—	11.5	—	11.5
Miscellaneous[1]	—	21.4	—	21.4
Subtotal	—	1,701.0	—	1,701.0
Total Customer Revenues[2]	$ 2,661.0	$ 2,686.8	$ —	$ 5,347.8
Other Revenues[3]	72.9	83.9	0.8	157.6
Total Operating Revenues	$ 2,733.9	$ 2,770.7	$ 0.8	$ 5,505.4

[1]Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to late fees, property rentals, revenue refunds, and adjustments.
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets.

Year Ended December 31, 2022 *(in millions)*	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,918.2	$ 691.5	$ —	$ 2,609.7
Commercial	672.2	267.4	—	939.6
Industrial	135.5	85.1	—	220.6
Off-system	192.9	—	—	192.9
Wholesale	2.1	—	—	2.1
Miscellaneous[1]	27.3	10.9	—	38.2
Subtotal	$ 2,948.2	$ 1,054.9	$ —	$ 4,003.1
Electric Generation and Power Delivery				
Residential	$ —	$ 592.4	$ —	$ 592.4
Commercial	—	571.0	—	571.0
Industrial	—	560.6	—	560.6
Wholesale	—	13.5	—	13.5
Public Authority	—	12.1	—	12.1
Miscellaneous[1]	—	(14.1)	—	(14.1)
Subtotal	$ —	$ 1,735.5	$ —	$ 1,735.5
Total Customer Revenues[2]	$ 2,948.2	$ 2,790.4	$ —	$ 5,738.6
Other Revenues[3]	3.7	95.8	12.5	112.0
Total Operating Revenues	$ 2,951.9	$ 2,886.2	$ 12.5	$ 5,850.6

[1]Amounts included in Columbia Operations are primarily related to earnings share mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue trackers, late fees and property rentals.2.1
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets. Amounts included in Corporate and Other primarily related to the Transition Services Agreement entered into in connection with the sale of the Massachusetts Business.

Customer Accounts Receivable. Accounts receivable on our Consolidated Balance Sheets includes both billed and unbilled amounts, as well as certain amounts that are not related to customer revenues. Unbilled amounts of accounts receivable relate to a portion of a customer's consumption of gas or electricity from the date of their last cycle billing through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, and weather. A significant portion of our operations are subject to seasonal fluctuations in sales. During the heating season, primarily from November through March, revenues and receivables from gas sales are more significant than in other months. The opening and closing balances of customer receivables for the year ended December 31, 2024, are presented in the table below. We had no significant contract assets or liabilities during the period. Additionally, we have not incurred any significant costs to obtain or fulfill contracts.

(in millions)	Customer Accounts Receivable, Billed (less reserve)	Customer Accounts Receivable, Unbilled (less reserve)
Balance as of December 31, 2023	$ 479.4	$ 337.6
Balance as of December 31, 2024	525.1	408.1

Utility revenues are billed to customers monthly on a cycle basis. We expect that substantially all customer accounts receivable will be collected following customer billing, as this revenue consists primarily of periodic, tariff-based billings for service and usage. We maintain common utility credit risk mitigation practices, including requiring deposits and actively pursuing collection of past due amounts. Our regulated operations also utilize certain regulatory mechanisms that facilitate recovery of bad debt costs within tariff-based rates, which provides further evidence of collectibility. It is probable that substantially all of the consideration to which we are entitled from customers will be collected upon satisfaction of performance obligations.

Allowance for Credit Losses. To evaluate for expected credit losses, customer account receivables are pooled based on similar risk characteristics, such as customer type, geography, payment terms, and related macro-economic risks. Expected credit losses are established using a model that considers historical collections experience, current information, and reasonable and supportable forecasts. Internal and external inputs are used in our credit model including, but not limited to, energy consumption trends, revenue projections, actual charge-offs data, recoveries data, shut-offs, customer delinquencies, final bill data, and inflation. We continuously evaluate available information relevant to assessing collectability of current and future receivables. We evaluate creditworthiness of specific customers periodically or following changes in facts and circumstances. When we become aware of a specific commercial or industrial customer's inability to pay, an allowance for expected credit losses is recorded for the relevant amount. We also monitor other circumstances that could affect our overall expected credit losses including, but not limited to, creditworthiness of overall population in service territories, adverse conditions impacting an industry sector, and current economic conditions.

At each reporting period, we record expected credit losses to an allowance for credit losses account. When deemed to be uncollectible, customer accounts are written-off. A rollforward of our allowance for credit losses as of December 31, 2024 and December 31, 2023, are presented in the tables below:

(in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Balance as of January 1, 2024	$ 10.2	$ 11.9	$ 0.8	$ 22.9
Current period provisions	26.7	12.1	—	38.8
Write-offs charged against allowance	(43.9)	(11.0)	(0.8)	(55.7)
Recoveries of amounts previously written off	16.8	0.9	—	17.7
Balance as of December 31, 2024	$ 9.8	$ 13.9	$ —	$ 23.7

(in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Balance as of January 1, 2023	$ 11.1	$ 12.0	$ 0.8	$ 23.9
Current period provisions	28.3	11.5	—	39.8
Write-offs charged against allowance	(49.2)	(12.4)	—	(61.6)
Recoveries of amounts previously written off	20.0	0.8	—	20.8
Balance as of December 31, 2023	$ 10.2	$ 11.9	$ 0.8	$ 22.9

~~XML 34 R16.htm IDEA: XBRL DOCUMENT~~

Variable Interest Entities

12 Months Ended
Dec. 31, 2024

Variable Interest Entities [Abstract]

Noncontrolling Interest Disclosure

Variable Interest Entities. A VIE is an entity in which the controlling interest is determined through means other than a majority voting interest. Refer to Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," for information on our accounting policy for the VIEs.

NIPSCO is the managing member and operator of two wind JVs, Rosewater and Indiana Crossroads Wind, which have 102 MW and 302 MW of nameplate capacity, respectively. NIPSCO is also a managing member and operator of two solar JVs, Indiana Crossroads Solar and Dunns Bridge I, which have a nameplate capacity of 200 MW and 265 MW, respectively. We have determined that these JVs are VIEs. NIPSCO controls decisions that are significant to these entities' ongoing operations and economic results. Therefore, we have concluded that NIPSCO is the primary beneficiary and have consolidated all four entities.

Members of each respective JV include NIPSCO (who is the managing member) and a tax equity partner. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the tax equity partner in varying percentages by category and over the life of the partnership. NIPSCO and each tax equity partner contributed cash to the respective JV. Once the tax equity partner has earned their negotiated rate of return and the JV has reached a stated contractual date, NIPSCO has the option to purchase the remaining interest in the respective JV from the tax equity partner. NIPSCO has an obligation to purchase 100% of the electricity generated by each commercially operational JV.

We did not provide any financial or other support during the year that was not contractually required.
Our Consolidated Balance Sheets included the following assets and liabilities associated with VIEs.

(in millions)	December 31, 2024	December 31, 2023
Net Property, Plant and Equipment	**$ 1,323.8**	$ 1,369.8
Current assets	**65.0**	63.6
Total assets[1][2]	**1,388.8**	1,433.4
Current liabilities	**53.7**	68.3
Asset retirement obligations	**58.3**	55.7
Finance lease obligations	**40.4**	—
Total liabilities[1][2]	**$ 152.4**	$ 124.0

[1]The assets of each VIE represent assets of a consolidated VIE that can be used only to settle obligations of the respective consolidated VIE. The creditors of the liabilities of the VIEs do not have recourse to the general credit of the primary beneficiary.
[2]In addition to the amounts disclosed above there is a de minimis amount of other noncurrent assets and liabilities at Rosewater as of December 31, 2024.

Voting Interest Entities. On December 31, 2023, we consummated the NIPSCO Minority Interest Transaction for a capital contribution of $2.16 billion in cash. The difference between the $2.16 billion consideration received and the $1.36 billion carrying value of the noncontrolling interest claim on net assets was recorded to additional paid-in capital, net of $54.7 million in transaction costs and a $63.5 million income tax benefit. We retain a controlling financial interest in NIPSCO Holdings II and its subsidiaries and consolidate their financial results. For the twelve months ending December 31, 2024 we received $99.5 million of contributions, and we made $50.3 million of distributions, to our NIPSCO minority interest holders. See Note 19, "Other Commitments and Contingencies - E. Other Matters," for a detailed discussion of the NIPSCO Holdings II LLC Agreement and governance structure.

~~XML 35 R17.htm IDEA: XBRL DOCUMENT~~

Earnings Per Share

12 Months Ended
Dec. 31, 2024

Earnings Per Share [Abstract]

Earnings Per Share

The calculations of basic and diluted EPS are based on the weighted average number of shares of common stock and potential common stock outstanding during the period. Diluted EPS includes the incremental effects of the various long-term incentive compensation plans and ATM forward sale agreements under the treasury stock method when the impact would be dilutive. For the purposes of determining diluted EPS, for the twelve months ended December 31, 2023 and 2022, the shares underlying the purchase contracts included within the Equity Units were included in the calculation of potential common stock outstanding using the if-converted method under US GAAP and we assumed share settlement of the remaining purchase contract payment balance from our Equity Units based on the average share price during the period. This method assumes conversion at the beginning of the reporting period, or at time of issuance, if later. The purchase contracts were settled on December 1, 2023. For the purchase contracts, the number of shares of our common stock that would have been issuable at the end of each reporting period prior to the settlement date were reflected in the denominator of our diluted EPS calculation. A numerator adjustment was reflected in the calculation of diluted EPS for interest expense incurred in 2023 and 2022, net of tax, related to the purchase contracts.

We adopted ASU 2020-06 on January 1, 2022, which required us to assume share settlement of the remaining purchase contract payment balance from our Equity Units based on the average share price during the period.

The shares underlying the Series C Mandatory Convertible Preferred Stock included within the Equity Units were contingently convertible as the conversion was contingent on a successful remarketing. Contingently convertible shares where conversion was not tied to a market price trigger were excluded from the calculation of diluted EPS until such time as the contingency had been resolved under the if-converted method. The unsuccessful remarketing resolved the contingency and no shares were reflected in the denominator for the years ended December 31, 2023 and 2022, for the calculation of diluted EPS.

We began using the two-class method of computing earnings per share in 2023 because we have participating securities in the form of non-vested restricted stock units with a non-forfeitable right to dividend equivalents, for which vesting is predicated solely on the passage of time. The calculation of earnings per share using the two-class method excludes income attributable to these participating securities from the numerator and excludes the dilutive impact of those shares from the denominator.

During 2022, we had no outstanding securities other than common and preferred stock, which required holders' participation in dividends and earnings; therefore, we were not required to calculate EPS under the two-class method. Basic net income per share is computed by dividing net income available to common shareholders by the weighted-average number of shares of common stock outstanding during the period. Diluted net income per share is computed by giving effect to all potential shares of common stock, to the extent they are dilutive. Refer to Note 6, "Equity," for additional information.

The following table presents the calculation of our basic and diluted EPS:

Year Ended December 31, *(in millions, except per share amounts)*	2024	2023	2022
Numerator:			
Net Income Available to Common Shareholders	**$ 739.7**	$ 661.7	$ 749.0
Less: Income allocated to participating securities	**1.6**	0.6	**—**
Net Income Available to Common Shareholders - Basic	**$ 738.1**	$ 661.1	$ 749.0
Add: Dilutive effect of Equity Units	**—**	1.4	2.0
Net Income Available to Common Shareholders - Diluted	**$ 738.1**	$ 662.5	$ 751.0
Denominator:			
Average common shares outstanding - Basic	**454.2**	416.1	407.1
Dilutive potential common shares:			
Equity Units purchase contracts	**—**	29.8	30.2
Equity Units purchase contract payment balance	**—**	0.9	3.2
Shares contingently issuable under employee stock plans	**0.9**	0.7	0.9
Shares restricted under employee stock plans	**0.3**	0.4	0.5
ATM Forward agreements	**0.6**	—	0.8
Average Common Shares - Diluted	**456.0**	447.9	442.7
Earnings per common share:			
Basic	**$ 1.63**	$ 1.59	$ 1.84
Diluted	**$ 1.62**	$ 1.48	$ 1.70

~~XML 36 R18.htm IDEA: XBRL DOCUMENT~~

Equity

12 Months Ended
Dec. 31, 2024

Equity [Abstract]

Equity

Holders of shares of our common stock are entitled to receive dividends when, as, and if declared by the Board out of funds legally available. The policy of the Board has been to declare cash dividends on a quarterly basis payable on or about the 20th day of February, May, August and November. We have certain debt covenants that could potentially limit the amount of dividends we could pay in order to maintain compliance with these covenants. Refer to Note 8, "Long-Term Debt," for more information. As of December 31, 2024, these covenants did not restrict the amount of dividends that were available to be paid.

There is no preferred stock outstanding as of December 31, 2024.

Common and preferred stock activity for 2024, 2023 and 2022 is described further below.

ATM Program. In February 2024, we entered into eight separate equity distribution agreements pursuant to which we were able to sell up to an aggregate of $900.0 million of our common stock.

In February 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 7,757,951 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $25.78 per share. On September 17, 2024 we settled all the shares under the forward sale agreement for $199.9 million, based on a net price of $25.77 per share.

In May 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 10,390,000 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $28.87 per share. On September 11, 2024 we settled all the shares under the forward sale agreement for $299.1 million, based on a net price of $28.79 per share.
In September 2024, under the ATM program, we executed a forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchaser under our forward sale agreement borrowed 1,495,949 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $34.01 per share. On November 19, 2024 we settled all the shares under the forward sale agreement for $50.3 million, based on a net price of $33.64 per share.

In September 2024, under the ATM program, we executed a second forward sale agreement, which allowed us to issue a fixed number of shares at a price to be settled in the future. The forward purchasers under our forward sale agreement borrowed 1,500,000 shares from third parties, which the forward purchaser sold, through its affiliated agent, at a weighted average price of $34.32 per share. On November 20, 2024 we settled all the shares under the forward sale agreement for$51.0 million, based on a net price of $33.99 per share.

As of December 31, 2024, the ATM program had approximately $297.7 million of equity available for issuance. The program expires on December 31, 2025.

Series A Preferred Stock. During 2023, there were $28.25 dividends declared per share for the Series A Preferred Stock.

On June 15, 2023, we redeemed all 400,000 outstanding shares of Series A Preferred Stock for a redemption price of $1,000 per share or $400.0 million in total.

Series B and B-1 Preferred Stock. During 2024 and 2023, dividends declared per share for the Series B Preferred Stock were $406.25 and $1,625.0, respectively.

On March 15, 2024, we redeemed all 20,000 outstanding shares of Series B Preferred Stock for a redemption price of $25,000 per share and all 20,000 outstanding shares of Series B-1 Preferred Stock for a redemption price of $0.01 per share or $500.0 million in total. Following the redemption, dividends ceased to accrue on the shares of Series B Preferred Stock, shares of the Series B Preferred Stock and Series B-1 Preferred Stock were no longer deemed outstanding and all rights of the holders of such shares of Series B Preferred Stock and Series B-1 Preferred Stock terminated. In conjunction with the redemption, we recorded a $14.0 million preferred stock redemption premium, calculated as the difference between the carrying value on the redemption date of the Series B Preferred Stock and Series B-1 Preferred Stock and the total amount of consideration paid to redeem, which was recorded as a reduction to retained earnings during the first quarter of 2024. We did not recognize an excise tax liability under the IRA in connection with this redemption as we issued common stock in 2024 in excess of the fair value of the Series B Preferred Stock and Series B-1 Preferred Stock redeemed.

In March 2024, we filed a Certificate of Elimination to our Amended and Restated Certificate of Incorporation with the Secretary of State of Delaware to eliminate from the Amended and Restated Certificate of Incorporation all matters set forth in the Certificate of Designations with respect to the Series B Preferred Stock and the Certificate of Designations with respect to the Series B-1 Preferred Stock. As a result, the 20,000 shares that were previously designated as Series B Preferred Stock and the 20,000 shares that were previously designated as Series B-1 Preferred Stock were returned to the status of authorized but unissued shares of preferred stock, par value $0.01 per share, without designation as to series. The Certificate of Elimination does not change the total number of authorized shares of capital stock of NiSource or the total number of authorized shares of preferred stock. We voluntarily delisted the preferred stock from the New York Stock Exchange on March 15, 2024.

Equity Units. On December 1, 2023, we issued 33,898,837 shares of our common stock under the purchase contract component of the Corporate Units. As of December 1, 2023, each holder of Corporate Units was deemed to have automatically delivered to us the related Series C Mandatory Convertible Preferred Stock that were components of the Corporate Units in full satisfaction of such holder's obligations under the related purchase contract, and all 862,500 shares of Series C Mandatory Convertible Preferred Stock were returned to the status of authorized but unissued preferred stock, par value of $0.01 per share, without designation as to series. We voluntarily delisted the Corporate Units from the New York Stock Exchange on December 1, 2023.

Refer to Note 5, "Earnings Per Share," for additional information regarding our treatment of the Equity Units for diluted EPS.

On October 21, 2024, we filed a Certificate of Elimination to our Amended and Restated Certificate of Incorporation with the Secretary of State of the State of Delaware to eliminate from the Amended and Restated Certificate of Incorporation all matters set forth in the Certificate of Designations with respect to the Series C Mandatory Convertible Preferred Stock.

Noncontrolling Interest in Consolidated Subsidiaries. As of December 31, 2024 and 2023, NIPSCO and tax equity partners have completed their cash contributions into the Indiana Crossroads Wind, Rosewater, Indiana Crossroads Solar and Dunns Bridge I JVs. Earnings, tax attributes and cash flows are allocated to both NIPSCO and the respective tax equity partners in varying percentages by category and over the life of the partnership. The tax equity partner's contributions, net of these allocations, is represented as a noncontrolling interest within total equity on the Consolidated Balance Sheets. Refer to Note 4, "Noncontrolling Interests," for more information.

On December 31, 2023, we consummated the closing of the NIPSCO Minority Interest Transaction and issued a 19.9% equity interest in NIPSCO Holdings II LLC to BIP in exchange for a capital contribution of $2.16 billion in cash. Transaction costs and deferred tax impacts of $54.7 million and $63.5 million were recorded during the period ending December 31, 2023. Refer to Note 15, "Income Taxes," and Note 19, "Other Commitments and Contingencies - E. Other Matters," in the Notes to the Consolidated Financial Statements for more information on this transaction.

~~XML 37 R19.htm IDEA: XBRL DOCUMENT~~

Short-Term Borrowings	12 Months Ended Dec. 31, 2024
Short-Term Debt [Abstract]	

Short-Term Borrowings

We generate short-term borrowings from our revolving credit facility, commercial paper program, accounts receivable transfer programs, and term credit agreements. Each of these borrowing sources is described further below.

Revolving Credit Facility. We maintain a revolving credit facility to fund ongoing working capital requirements, including the provision of liquidity support for our commercial paper program, provide for issuance of letters of credit, and also for general corporate purposes. Our revolving credit facility has a program limit of $1.85 billion and is comprised of a syndicate of banks. At December 31, 2024 and 2023, we had no outstanding borrowings under this facility.

Commercial Paper Program. At December 31, 2024 and December 31, 2023, our commercial paper program had a program limit of up to $1.85 billion and $1.50 billion, respectively. On February 9, 2024, we increased the program limit from $1.50 billion to $1.85 billion. We had $604.6 million and $1,061.0 million of commercial paper outstanding with weighted-average interest rates of 4.73% and 5.65% as of December 31, 2024 and 2023, respectively.

Accounts Receivable Transfer Programs. Columbia of Ohio, NIPSCO, and Columbia of Pennsylvania each maintain a receivables agreement whereby they transfer their customer accounts receivables to third party financial institutions through consolidated special purpose entities. The three agreements expire between May 2025 and October 2025 and may be further extended if mutually agreed to by the parties thereto.

All receivables transferred to third parties are valued at face value, which approximates fair value due to their short-term nature. The amount of the undivided percentage ownership interest in the accounts receivables transferred is determined in part by required loss reserves under the agreements.

Transfers of accounts receivable are accounted for as secured borrowings resulting in the recognition of short-term borrowings on the Consolidated Balance Sheets. As of December 31, 2024, the maximum amount we could borrow related to our accounts receivable programs is $175.0 million.

We had zero and $337.6 million short-term borrowings related to the securitization transactions as of December 31, 2024 and 2023, respectively.

For the year ended December 31, 2024 and 2023, $337.6 million and $9.6 million, respectively, was recorded as cash flows used for financing activities related to the change in short-term borrowings due to securitization transactions. For the accounts receivable transfer programs, we pay used facility fees for amounts borrowed, unused commitment fees for amounts not borrowed, and upfront renewal fees. Fees associated with the securitization transactions were $1.5 million, $2.7 million, and $2.5 million for the years ended December 31, 2024, 2023 and 2022, respectively. Columbia of Ohio, NIPSCO and Columbia of Pennsylvania remain responsible for collecting the receivables securitized, and the receivables cannot be transferred to another party. Refer to Note 23, "Interest Expense, Net," for additional information on securitization transaction fees.

Term Credit Agreements. At December 31, 2023, we had $1.0 billion, and $650.0 million outstanding under term credit agreements with interest rates of 6.41% and 6.50%, respectively. On January 3, 2024, we terminated and repaid in full our $1.0 billion and $650.0 million term credit agreements with proceeds from the NIPSCO Minority Interest Transaction.

Items listed above, excluding the term credit agreements, are presented net in the Statements of Consolidated Cash Flows as their maturities are less than 90 days.

~~XML 38 R20.htm IDEA: XBRL DOCUMENT~~

Long-Term Debt	12 Months Ended Dec. 31, 2024
Long-Term Debt, Current and Noncurrent [Abstract]	

Long-Term Debt

Our long-term debt as of December 31, 2024 and 2023 is as follows:

Long-term debt type	Maturity as of December 31, 2024	Weighted average interest rate (%)	Outstanding balance as of December 31, *(in millions)* 2024	2023
Senior notes:				
NiSource	August 2025	0.950 %	**$ 1,250.0**	$ 1,250.0
NiSource	May 2027	3.490 %	**1,000.0**	1,000.0
NiSource	December 2027	6.780 %	**3.0**	3.0
NiSource	March 2028	5.250 %	**1,050.0**	1,050.0
NiSource	July 2029	5.200 %	**600.0**	—
NiSource	September 2029	2.950 %	**750.0**	750.0
NiSource	May 2030	3.600 %	**1,000.0**	1,000.0
NiSource	February 2031	1.700 %	**750.0**	750.0
NiSource	June 2033	5.400 %	**450.0**	450.0
NiSource	April 2034	5.350 %	**650.0**	—
NiSource	December 2040	6.250 %	**152.6**	152.6
NiSource	June 2041	5.950 %	**347.4**	347.4
NiSource	February 2042	5.800 %	**250.0**	250.0
NiSource	February 2043	5.250 %	**500.0**	500.0
NiSource	February 2044	4.800 %	**750.0**	750.0
NiSource	February 2045	5.650 %	**500.0**	500.0
NiSource	May 2047	4.375 %	**1,000.0**	1,000.0
NiSource	March 2048	3.950 %	**750.0**	750.0
NiSource	June 2052	5.000 %	**350.0**	350.0
Total senior notes			**$ 12,103.0**	$ 10,853.0
Junior subordinated notes:				
NiSource	November 2054	6.950 %	**500.0**	—
NiSource	March 2055	6.375 %	**500.0**	—
Total junior subordinated notes			**$ 1,000.0**	$ —
Medium term notes:				
NiSource	May 2027	7.990 %	**$ 29.0**	$ 29.0
NIPSCO	June 2027 to August 2027	7.644 %	**58.0**	58.0
Columbia of Massachusetts	December 2025 to February 2028	6.373 %	**15.0**	15.0
Total medium term notes			**$ 102.0**	$ 102.0
Finance leases:				
NiSource Corporate Services	January 2025 to September 2027	3.470 %	**$ 14.6**	$ 30.5
NIPSCO	December 2027 to November 2035	5.250 %	**124.3**	61.2
Columbia of Ohio	December 2025 to March 2044	6.150 %	**85.6**	90.3
Columbia of Virginia	July 2029 to November 2039	6.190 %	**15.2**	16.1
Columbia of Kentucky	May 2027	5.360 %	**0.1**	0.2
Columbia of Pennsylvania	July 2027 to May 2035	4.470 %	**6.4**	7.1
Total finance leases			**$ 246.2**	$ 205.4
Less: Unamortized issuance costs and discounts			**(95.5)**	(81.1)
Less: Current portion of long term debt			**(1,281.2)**	(23.8)
Total Long-Term Debt			**$ 12,074.5**	$ 11,055.5

Details of our 2024 long-term debt related activity are summarized below:

- On March 14, 2024, we completed the issuance and sale of $650.0 million of 5.350% senior unsecured notes maturing in 2034, which resulted in approximately $642.6 million of net proceeds after discount and debt issuance costs.
- On May 16, 2024, we completed the issuance and sale of $500.0 million of 6.950% fixed-to-fixed reset rate junior subordinated notes maturing in 2054, which resulted in approximately $493.4 million of net proceeds after debt issuance costs. The subordinated notes bear interest (i) from and including May 16, 2024 to, but excluding, November 30, 2029 at a rate of 6.950% per annum and (ii) from and including November 30, 2029, during each five-year reset period at a rate per annum equal to the five-year U.S. treasury rate (determined as described in the prospectus supplement dated May 13, 2024, which was filed with the SEC on May 14, 2024) as of the then most recent reset interest determination date plus a spread of 2.451%, to be reset on each reset date. At our option, we may redeem

some or all of the subordinated notes during specified periods, and upon the occurrence of certain ratings or tax events, all as described in the prospectus supplement. In accordance with terms of the subordinated notes, we have the right, from time to time, to defer the payment of interest on the outstanding subordinated notes on one or more occasions for up to ten consecutive years. In the event that we were to exercise such right to defer interest on the subordinated notes, we would not be able to pay cash dividends on the common stock during the periods in which such payments were deferred. The subordinated notes were issued pursuant to a Subordinated Indenture, dated as of May 16, 2024, between us and The Bank of New York Mellon, as trustee, as supplemented by the First Supplemental Indenture thereto, dated as of May 16, 2024.

- On June 24, 2024, we completed the issuance and sale of $600.0 million of 5.200% senior unsecured notes maturing in 2029, which resulted in approximately $593.7 million of net proceeds after discount and debt issuance costs.
- On September 9, 2024, we completed the issuance and sale of $500.0 million of 6.375% fixed-to-fixed reset rate junior subordinated notes maturing in 2055, which resulted in approximately $493.6 million of net proceeds after debt issuance costs. The subordinated notes bear interest (i) from and including September 9, 2024 to, but excluding, March 31, 2035 at a rate of 6.375% per annum and (ii) from and including March 31, 2035, during each five-year reset period at a rate per annum equal to the five-year U.S. treasury rate (determined as described in the prospectus supplement dated September 3, 2024, which was filed with the SEC on September 4, 2024) as of the then most recent reset interest determination date plus a spread of 2.527%, to be reset on each reset date. At our option, we may redeem some or all of the subordinated notes during specified periods, and upon the occurrence of certain ratings or tax events, all as described in the prospectus supplement. In accordance with terms of the subordinated notes, we have the right, from time to time, to defer the payment of interest on the outstanding subordinated notes on one or more occasions for up to ten consecutive years. In the event that we were to exercise such right to defer interest on the subordinated notes, we would not be able to pay cash dividends on the common stock during the periods in which such payments were deferred. The subordinated notes were issued pursuant to a Subordinated Indenture, dated as of May 16, 2024, between us and The Bank of New York Mellon, as trustee, as supplemented by the Second Supplemental Indenture thereto, dated as of September 9, 2024.

Details of our 2023 long-term debt related activity are summarized below:

- On March 24, 2023, we completed the issuance sale of $750.0 million of 5.250% senior unsecured notes maturing in 2028, which resulted in approximately $742.2 million of net proceeds after discount and debt issuance costs.
- On June 8, 2023, we completed the issuance and sale of $300.0 million of 5.250% senior unsecured notes maturing in 2028 (the "2028 Notes"). The terms of the 2028 Notes, other than the issue date and the price to the public, are identical to the terms of, and constitute as a reopening of, our 5.250% senior unsecured notes due 2028 issued on March 24, 2023. With the incremental issuance, we now have $1.05 billion of 5.250% senior unsecured notes maturing in 2028. On June 8, 2023, we also completed the issuance and sale of $450.0 million of 5.400% senior unsecured notes maturing in 2033. These issuances resulted in approximately $742.5 million of total net proceeds after discount and debt issuance costs.

See Note 19, "Other Commitments and Contingencies - A. Contractual Obligations," for the outstanding long-term debt maturities at December 31, 2024.

Unamortized debt expense, premium and discount on long-term debt applicable to outstanding bonds are being amortized over the life of such bonds.

We are subject to a financial covenant under our revolving credit facility which requires us to maintain a debt to capitalization ratio that does not exceed 70%. As of December 31, 2024, the ratio was 52.6%.

We are also subject to certain other non-financial covenants under the revolving credit facility. Such covenants include a limitation on the creation or existence of new liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets equal to $200 million. An asset sale covenant generally restricts the sale, conveyance, lease, transfer or other disposition of our assets to those dispositions that are for a price not materially less than fair market of such assets, that would not materially impair our ability to perform obligations under the revolving credit facility, and that together with all other such dispositions, would not have a material adverse effect. The covenant also restricts dispositions to no more than 15% of our consolidated total assets on December 31, 2022. Additionally, the revolving credit facility requires us to own directly or indirectly at least 70% of NIPSCO. The revolving credit facility also includes a cross-default provision, which triggers an event of default under the credit facility in the event of an uncured payment default relating to any indebtedness of us or any of our subsidiaries in a principal amount of $75.0 million or more.

Our indentures generally do not contain any financial maintenance covenants. However, our indentures are generally subject to cross-default provisions ranging from uncured payment defaults of $5.0 million to $50.0 million, and limitations on the incurrence of liens on our assets, generally exempting liens on utility assets, purchase money security interests, preexisting security interests and an additional subset of assets capped at 10% of our consolidated net tangible assets.

~~XML 39 R21.htm IDEA: XBRL DOCUMENT~~

Property, Plant And Equipment

12 Months Ended
Dec. 31, 2024

Property, Plant and Equipment [Abstract]

Property, Plant And Equipment

Our property, plant and equipment on the Consolidated Balance Sheets are classified as follows:

At December 31, *(in millions)*		2024		2023
Property, Plant and Equipment				
Gas Distribution Utility	$	**20,007.2**	$	18,154.5
Electric Utility		**8,666.8**		7,907.9
Corporate		**248.1**		274.2
Construction Work in Process		**2,084.7**		1,261.1
JV Renewable Generation Assets[1]		**1,434.2**		1,434.4
Non-Utility and Other		**1,711.9**		1,450.0
Total Property, Plant and Equipment	$	**34,152.9**	$	30,482.1
Accumulated Depreciation and Amortization				
Gas Distribution Utility	$	**(4,166.8)**	$	(3,924.4)
Electric Utility		**(2,707.8)**		(2,709.5)
Corporate		**(163.4)**		(174.2)
JV Renewable Generation Assets[1]		**(110.4)**		(64.5)
Non-Utility and Other		**(1,550.6)**		(1,334.6)
Total Accumulated Depreciation and Amortization	$	**(8,699.0)**	$	(8,207.2)
Net Property, Plant and Equipment	$	**25,453.9**	$	22,274.9

[1]These JV renewable generation assets owned and operated by JVs between NIPSCO and unrelated tax equity partners represent Non-Utility Property, are depreciated straight-line over 30 years and are part of our NIPSCO Operations segment. Refer to Note 4, "Noncontrolling Interests," for additional information.

The weighted average depreciation provisions for utility plant, as a percentage of the original cost, for the periods ended December 31, 2024, 2023 and 2022 were as follows:

	2024	2023	2022
NIPSCO Operations	**3.0 %**	3.0 %	2.7 %
Columbia Operations	**2.6 %**	2.5 %	2.4 %

We recognized depreciation expense of $820.4 million, $756.9 million and $685.0 million for the years ended 2024, 2023 and 2022, respectively. The 2024, 2023 and 2022, depreciation expense includes $58.9 million, $12.5 million, and $11.0 million

related to the regulatory deferral of income associated with our JVs. See Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," for additional details.

Amortization of on-premise Software Costs. We amortized $85.2 million, $77.5 million and $53.1 million in 2024, 2023 and 2022, respectively, related to software recorded as intangible assets. Our unamortized software balance was $236.1 million and $205.6 million at December 31, 2024 and 2023, respectively.

Amortization of Cloud Computing Costs. We amortized $17.7 million, $12.6 million and $11.1 million in 2024, 2023 and 2022, respectively, related to cloud computing costs to "Operation and maintenance" expense. Our unamortized cloud computing balance was $77.5 million and $32.2 million at December 31, 2024 and 2023, respectively.

~~XML 40 R22.htm IDEA: XBRL DOCUMENT~~

Goodwill and Other Intangible Assets

12 Months Ended
Dec. 31, 2024

Goodwill and Intangible Assets Disclosure [Abstract]

Goodwill And Other Intangible Assets

Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. Our goodwill balance was $1,485.9 million as of December 31, 2024 and 2023. The majority of our goodwill has been allocated to the Columbia Operations segment.

For our annual goodwill impairment analysis performed as of May 1, 2024, we completed a quantitative ("step 1") fair value measurement of our reporting units. Fair value of our reporting units was determined based on a weighting of income and market approaches. The income approach calculated discounted cash flows using updated cash flow projections, discount rates and return on equity assumptions. The market approach applied a combination of comparable company multiples and comparable transactions and used the most recent cash flow projections. The test indicated that the fair value of each of the reporting units that are allocated goodwill exceeded their carrying values, indicating that no impairment was necessary.

~~XML 41 R23.htm IDEA: XBRL DOCUMENT~~

Asset Retirement Obligations

12 Months Ended
Dec. 31, 2024

Asset Retirement Obligation [Abstract]

Asset Retirement Obligations

We have recognized asset retirement obligations associated with various legal obligations including costs to remove and dispose of certain construction materials located within many of our facilities (including our JV facilities), certain costs to retire pipeline, removal costs for certain underground storage tanks, removal of certain pipelines known to contain PCB contamination, closure costs for certain sites including ash ponds, solid waste management units and a landfill, as well as some other nominal asset retirement obligations. We also have an obligation associated with the decommissioning of our two hydro facilities located in Indiana. These hydro facilities have an indeterminate life, and as such, no asset retirement obligation has been recorded.

During the fourth quarter of 2024, we continued to evaluate the applicability of revisions to the EPA rule for disposal of CCRs, which was announced in May 2024. As a result, we recorded an increase of $149.7 million based on initial assessments of estimated costs to comply with the EPA rule for certain sites. Additional costs will be recorded if they become probable and estimable. These costs are expected to be recoverable through existing and future depreciation rates. See Note 19, "Other Commitments and Contingencies - D. Environmental Matters," for additional information on the legacy CCR rule.

Changes in our liability for asset retirement obligations for the years 2024 and 2023 are presented in the table below:

(in millions)		2024		2023
Beginning Balance	$	**553.0**	$	513.5
Accretion recorded as a regulatory asset/liability		**25.3**		20.0
Additions		**189.9**		23.5
Settlements		**(72.5)**		(41.6)
Change in estimated cash flows		**87.5**		37.6
Ending Balance	$	**783.2**	$	553.0

Certain non-legal costs of removal not yet incurred but have been, and continue to be, included in depreciation rates and collected in the customer rates of the rate-regulated subsidiaries are classified as "Regulatory liabilities" on the Consolidated Balance Sheets.

~~XML 42 R24.htm IDEA: XBRL DOCUMENT~~

Regulatory Matters

12 Months Ended
Dec. 31, 2024

Regulatory Assets and Liabilities Disclosure [Abstract]

Regulatory Matters

Regulatory Assets and Liabilities

We follow the accounting and reporting requirements of ASC Topic 980, which provides that regulated entities account for and report assets and liabilities consistent with the economic effect of regulatory rate-making procedures when the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates will be charged and collected from customers. Certain expenses and credits subject to utility regulation or rate determination normally reflected in income or expense are deferred on the balance sheet and are recognized in the income statement as the related amounts are included in customer rates and recovered from or refunded to customers. We assess the probability of collection for all of our regulatory assets each period.

Regulatory assets were comprised of the following items:

At December 31, *(in millions)*	2024	2023
Regulatory Assets		
Unrecognized pension and other postretirement benefit costs (see Note 16)	**$ 485.3**	$ 561.6
Deferred pension and other postretirement benefit costs (see Note 16)	**45.3**	59.7
Environmental costs (see Note 19-D.)	**42.8**	40.6
Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)	**172.0**	163.5
Under-recovered gas and fuel costs (see Note 1-J.)	**82.3**	12.7
Depreciation	**214.9**	201.9
Post-in-service carrying charges	**280.8**	269.9
Safety activity costs	**203.7**	206.6
DSM programs	**17.8**	25.0
Retired coal generating stations	**617.0**	682.0
Losses on commodity price risk programs (See Note 13)	**6.5**	24.4
Deferred property taxes	**75.9**	72.3
Renewable energy investments	**81.3**	60.8
WAM system filing	**21.5**	—
Customer assistance programs	**24.4**	—
Other	**105.8**	79.2
Total Regulatory Assets	**$ 2,477.3**	$ 2,460.2
Less: Current Portion	**319.9**	214.3
Total Noncurrent Regulatory Assets	**$ 2,157.4**	$ 2,245.9

Regulatory liabilities were comprised of the following items:

At December 31, *(in millions)*	2024	2023
Regulatory Liabilities		
Over-recovered gas and fuel costs (see Note 1-J.)	**$ 21.4**	$ 144.5
Cost of removal (see Note 11)	**482.8**	597.2
Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)	**827.0**	849.9
Deferred pension and other postretirement benefit costs (see Note 16)	**40.4**	54.0
Gains on commodity price risk programs (See Note 13)	**28.7**	23.3
Customer assistance programs	**9.4**	19.8
Off-system sales sharing	**21.4**	19.0
Renewable energy investments (See Note 1-S. and Note 4)	**77.0**	18.1
Rate refunds	**16.6**	16.1
Other	**57.0**	47.4
Total Regulatory Liabilities	**$ 1,581.7**	$ 1,789.3
Less: Current Portion	**150.5**	278.6
Total Noncurrent Regulatory Liabilities	**$ 1,431.2**	$ 1,510.7

Regulatory assets, including under-recovered gas and fuel costs and depreciation, of approximately $671.3 million and $716.4 million as of December 31, 2024 and 2023, respectively, are not earning a return on investment. These costs are recovered over a remaining life of between 15 and 75 years.

Assets:

Unrecognized pension and other postretirement benefit costs. Represents the deferred other comprehensive income or loss of the actuarial gains or losses and the prior service costs or credits that arise during the period but that are not immediately recognized as components of net periodic benefit costs by certain subsidiaries that will ultimately be recovered through base rates.

Deferred pension and other postretirement benefit costs. Primarily relates to the difference between defined benefit plan expense recorded by certain subsidiaries due to regulatory orders and the corresponding expense that would otherwise be recorded in accordance with GAAP. This balance is driven by Columbia of Ohio deferrals.

Environmental costs. Includes certain recoverable costs related to gas plant sites, disposal sites or other sites onto which material may have migrated, the recovery of which is to be addressed in future base rates, billing riders or tracking mechanisms of certain of our subsidiaries.

Regulatory effects of accounting for income taxes. Represents the deferral and under collection of deferred taxes in the rate making process.

Under-recovered gas and fuel costs. Represents the difference between the costs of gas and fuel, as well as energy acquired through power purchase agreements, including NIPSCO's own renewable projects, and the recovery of such costs in revenue and is used to adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. Recovery of these costs is achieved through tracking mechanisms.

Depreciation. Represents differences between depreciation expense incurred on a GAAP basis and that prescribed through regulatory order. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals.

Post-in-service carrying charges. Represents deferred debt-based carrying charges incurred on certain assets placed into service but not yet included in customer rates. The majority of this balance is driven by Columbia of Ohio's IRP and CEP deferrals.

Safety activity costs. Represents the difference between costs incurred by certain of our subsidiaries in eligible safety programs in compliance with PHMSA regulations in excess of those being recovered in rates. The majority of this balance is driven by Columbia of Ohio, which began recovery in March 2023 through base rates.

DSM programs. Represents costs associated with Columbia Operations and NIPSCO Operations energy efficiency and conservation programs. Costs are recovered through tracking mechanisms.

Retired coal generating stations. Represents the net book value of Units 7 and 8 of Bailly Generating Station that was retired during 2018 and the net book value of Units 14 and 15 of R.M. Schahfer Generating Station retired in 2021. These amounts are currently being amortized at a rate consistent with their inclusion in customer rates. The August 2023 NIPSCO electric rate case order extends the recovery of, and on, the net book value of the stations by the end of 2034 and implements a revenue credit for the retired units. The credit is based on the difference between the year-end value of Units 14 and 15 and the most recent value established in the last base rate case proceeding or credit compliance filing.

Losses on commodity price risk programs. Represents the unrealized losses related to certain of our subsidiary's commodity price risk programs. These programs help to protect against the volatility of commodity prices and these amounts are collected from customers through their inclusion in customer rates.

Deferred property taxes. Represents the deferral and under collection of property taxes in the rate making process for Columbia of Ohio and is driven by the IRP and CEP deferrals.

Renewable energy investments. Represents the regulatory deferral of renewable energy formation and developer costs.

WAM system filing. Represents the deferral of certain costs, including depreciation and amortization incurred in connection with improvements to its information technology systems through the design, development, and implementation of a new WAM program for the scheduling, dispatch, and execution of work and the management of underlying assets.

Customer Assistance Programs. Represents the difference between the eligible customer assistance program costs and collections, which will be collected from customers.

Liabilities:

Over-recovered gas and fuel costs. Represents the difference between the cost of gas and fuel, as well as energy acquired through power purchase agreements, including NIPSCO's own renewable projects and, the recovery of such costs in revenues and is the basis to adjust future billings for such refunds on a basis consistent with applicable state-approved tariff provisions. Refunding of these revenues is achieved through tracking mechanisms.

Cost of removal. Represents anticipated costs of removal for utility assets that have been collected through depreciation rates for future costs to be incurred.

Regulatory effects of accounting for income taxes. Represents amounts owed to customers for deferred taxes collected at a higher rate than the current statutory rates and liabilities associated with accelerated tax deductions owed to customers. Balance includes excess deferred taxes recorded upon implementation of the TCJA in December 2017, net of amounts amortized through 2024 and federal tax credits generated by Cavalry solar facility that are passed back to customers. For discussion of the regulatory impact of the NIPSCO Minority Interest Transaction on deferred taxes, see Note 15, "Income Taxes," for additional details.

Deferred pension and other postretirement benefit costs. Primarily represents cash contributions in excess of postretirement benefit expense that is deferred by certain subsidiaries.

Gains on commodity price risk programs. Represents the unrealized gains related to certain of our subsidiary's commodity price risk programs. These programs help to protect against the volatility of commodity prices, and these amounts are passed back to customers through their inclusion in customer rates.

Customer Assistance Programs. Represents the difference between the eligible customer assistance program costs and collections, which will be refunded to customers.

Renewable energy investments. Represents the regulatory deferral of certain amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. The offset to the regulatory liability associated with our renewable investments is recorded in "Depreciation expense" on the Statements of Consolidated Comprehensive Income. Refer to Note 1, "Nature of Operations and Summary of Significant Accounting Policies - S. Noncontrolling Interest," Note 4, "Noncontrolling Interests," and Note 9, "Property, Plant and Equipment," for additional information.

Rate Refunds. Represents supplier refunds received by the company that are owed to customers and will be remitted and amounts that are being collected in rates subject to refund.

Off System Sales Sharing. Represents amounts to be passed back to the customers as a result of Off System sales that is shared between the company and the customer.

Regulatory Filings

Renewable generation filings
In March 2024, NIPSCO filed a petition with the IURC to issue an order modifying its November 22, 2023 order to approve direct ownership of the Gibson project. Also, in March 2024, NIPSCO filed a petition with the IURC to issue an order modifying its June 29, 2021 order to approve direct ownership of the Fairbanks project. Hearings for both the Gibson project and Fairbanks project were held in June 2024 and July 2024, respectively, with orders approving direct ownership of both projects received in August 2024.

NIPSCO Gas peaker filing
In September 2023, NIPSCO filed a request for issuance of a CPCN for an approximately 400 MW natural gas peaking generation facility with the IURC, which was supplemented in January 2024 based on updates on availability of certain key equipment. A final order was received in October 2024 approving the request.
NIPSCO Electric rate case filing
On February 7, 2025, NIPSCO and certain intervening parties filed a Joint Stipulation and Settlement Agreement with the IURC. New rates proposed to be implemented in 2 steps, with implementation of Step 1 rates effective no later than September 2025 and Step 2 rates to be effective no later than March 2026.

Columbia of Virginia rate case filing
Columbia of Virginia and the intervening parties, with the exception of the Office of the Attorney General, filed a Joint Stipulation and Proposed Recommendation for settlement on December 5, 2024 for an annual revenue increase of $28.2 million, net of SAVE. Rates became effective on an as filed basis in October 2024 and we have recorded a regulatory liability to reflect the pending settlement.

Activities [Abstract]

Risk Management Activities

We are exposed to certain risks related to our ongoing business operations; namely commodity price risk and interest rate risk. We recognize that the prudent and selective use of derivatives may help to limit volatility in the price of natural gas, and manage interest rate exposure.

Risk management assets and liabilities on our derivatives are presented on the Consolidated Balance Sheets as shown below:

	December 31, 2024		December 31, 2023	
(in millions)	**Assets**	**Liabilities**	**Assets**	**Liabilities**
Current[1]				
Derivatives not designated as hedging instruments	**$ 9.1**	**$ 2.3**	$ 1.1	$ 7.5
Total	**$ 9.1**	**$ 2.3**	$ 1.1	$ 7.5
Noncurrent[2]				
Derivatives not designated as hedging instruments	**$ 17.9**	**$ 1.2**	$ 22.2	$ 1.9
Total	**$ 17.9**	**$ 1.2**	$ 22.2	$ 1.9

[1] Current assets and liabilities are presented in "Prepayments and other" and "Other accruals", respectively, on the Consolidated Balance Sheets.
[2] Noncurrent assets and liabilities are presented in "Deferred charges and other" and "Other noncurrent liabilities and deferred credits", respectively, on the Consolidated Balance Sheets.

Our derivative instruments are subject to enforceable master netting arrangements or similar agreements. No collateral was either received or posted related to our outstanding derivative positions at December 31, 2024 and 2023. If the above gross asset and liability positions were presented net of amounts owed or receivable from counterparties, we would report a net asset position of $23.5 million and $13.9 million at December 31, 2024 and 2023, respectively.

Derivatives Not Designated as Hedging Instruments

C***ommodity price risk management.*** We, along with our utility customers, are exposed to variability in cash flows associated with natural gas purchases and volatility in natural gas prices. We purchase natural gas for sale and delivery to our retail, commercial and industrial customers, and for most customers the variability in the market price of gas is passed through in their rates. Some of our utility subsidiaries offer programs whereby variability in the market price of gas is assumed by the respective utility. The objective of our commodity price risk programs is to mitigate the gas cost variability, for us or on behalf of our customers, associated with natural gas purchases or sales by economically hedging the various gas cost components using a combination of futures, options, forwards or other derivative contracts. As of December 31, 2024 and 2023, we had 77.8 MMDth and 76.1 MMDth, respectively, of net energy derivative volumes outstanding related to our natural gas hedges.

NIPSCO has received IURC approval to lock in a fixed price for its natural gas customers using long-term forward purchase instruments and is limited to 20% of NIPSCO's average annual GCA purchase volume. As of December 31, 2024, the remaining terms of these instruments range from one to three years. Likewise, Columbia of Pennsylvania has received approval for a 24-month rolling hedge program. The hedging program was executed in December 2023, with an effective date of April 1, 2024 and will continue in perpetuity. The program is designed to financially hedge approximately 20% of the customer's annual demand. All gains and losses on these derivative contracts are deferred as regulatory liabilities or assets and are remitted to or collected from customers through the relevant cost recovery mechanism.

Derivatives Designated as Hedging Instruments

Interest rate risk management. As of December 31, 2024 and 2023, we had no forward-starting interest rate swaps outstanding.

The overall net loss related to our multiple settled interest rate swaps is recorded to AOCI. We amortize the net loss over the life of the debt associated with these swaps as we recognize interest expense. These amounts are immaterial in 2024, 2023 and 2022 and are recorded in "Interest expense, net" on the Statements of Consolidated Income.

Cash flows for derivative financial instruments are generally classified as operating activities.

~~XML 44 R26.htm IDEA: XBRL DOCUMENT~~

Fair Value

12 Months Ended
Dec. 31, 2024

Fair Value Disclosures [Abstract]

Fair Value

A. Fair Value Measurements

Recurring Fair Value Measurements

The following tables present financial assets and liabilities measured and recorded at fair value on our Consolidated Balance Sheets on a recurring basis and their level within the fair value hierarchy as of December 31, 2024 and December 31, 2023:

Recurring Fair Value Measurements December 31, 2024 *(in millions)*	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2024
Assets				
U.S. Treasury debt securities[1]	$ 80.1	$ —	$ —	$ 80.1
Risk management assets	—	27.0	—	27.0
Available-for-sale debt securities	—	86.7	—	86.7
Total	**$ 80.1**	**$ 113.7**	**$ —**	**$ 193.8**
Liabilities				
Risk management liabilities	$ —	$ 3.5	$ —	$ 3.5
Total	**$ —**	**$ 3.5**	**$ —**	**$ 3.5**

[1] Treasury bills are presented in "Cash and cash equivalents" and "Restricted cash" on the Consolidated Balance Sheets.

Recurring Fair Value Measurements December 31, 2023 *(in millions)*	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2023
Assets				
Risk management assets	$ —	$ 23.3	$ —	$ 23.3
Available-for-sale debt securities	—	159.1	—	159.1
Total	**$ —**	**$ 182.4**	**$ —**	**$ 182.4**
Liabilities				
Risk management liabilities	$ —	$ 9.4	$ —	$ 9.4
Total	**$ —**	**$ 9.4**	**$ —**	**$ 9.4**

Risk Management Assets and Liabilities. Risk management assets and liabilities include interest rate swaps, exchange-traded NYMEX futures and NYMEX options and non-exchange-based forward purchase contracts.

Level 1- When utilized, exchange-traded derivative contracts are based on unadjusted quoted prices in active markets and are classified within Level 1. These financial assets and liabilities are secured with cash on deposit with the exchange; therefore, nonperformance risk has not been incorporated into these valuations. These financial assets and liabilities are deemed to be cleared and settled daily by NYMEX as the related cash collateral is posted with the exchange. As a result of this exchange rule, NYMEX derivatives are considered to have no fair value at the balance sheet date for financial reporting purposes, and are presented in Level 1 net of posted cash; however, the derivatives remain outstanding and are subject to future commodity price fluctuations until they are settled in accordance with their contractual terms.

Level 2- Certain non-exchange-traded derivatives are valued using broker or over-the-counter, on-line exchanges. In such cases, these non-exchange-traded derivatives are classified within Level 2. Non-exchange-based derivative instruments include swaps, forwards, and options. In certain instances, these instruments may utilize models to measure fair value. We use a similar model to value similar instruments. Valuation models utilize various inputs that include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, other observable inputs for the asset or liability and market-corroborated inputs, (i.e., inputs derived principally from or corroborated by observable market data by correlation or other means). Where observable inputs are available for substantially the full term of the asset or liability, the instrument is categorized within Level 2.

Level 3- Certain derivatives trade in less active markets with a lower availability of pricing information and models may be utilized in the valuation. When such inputs have a significant impact on the measurement of fair value, the instrument is categorized within Level 3.

Credit risk is considered in the fair value calculation of derivative instruments that are not exchange-traded. Credit exposures are adjusted to reflect collateral agreements that reduce exposures. As of December 31, 2024 and 2023, there were no material transfers between fair value hierarchies. Additionally, there were no changes in the method or significant assumptions used to estimate the fair value of our financial instruments.

NIPSCO and Columbia of Pennsylvania have entered into long-term forward natural gas purchase instruments to lock in a fixed price for their natural gas customers. We value these contracts using a pricing model that incorporates market-based information when available, as these instruments trade less frequently and are classified within Level 2 of the fair value hierarchy. For additional information, see Note 13, "Risk Management Activities."

Available-for-Sale Debt Securities. Available-for-sale debt securities are investments pledged as collateral for trust accounts related to our wholly-owned insurance company. We value U.S. Treasury, corporate debt and mortgage-backed securities using a matrix pricing model that incorporates market-based information. These securities trade less frequently and are classified within Level 2.

Our available-for-sale debt securities impairments are recognized periodically using an allowance approach. At each reporting date, we utilize a quantitative and qualitative review process to assess the impairment of available-for-sale debt securities at the individual security level. For securities in a loss position, we evaluate our intent to sell or whether it is more-likely-than-not that we will be required to sell the security prior to the recovery of its amortized cost. If either criteria is met, the loss is recognized in earnings immediately, with the offsetting entry to the carrying value of the security. If both criteria are not met, we perform an analysis to determine whether the unrealized loss is related to credit factors. The analysis focuses on a variety of factors that include, but are not limited to, downgrade on ratings of the security, defaults in the current reporting period or projected defaults in the future, the security's yield spread over treasuries, and other relevant market data. If the unrealized loss is not related to credit factors, it is included in other comprehensive income. If the unrealized loss is related to credit factors, the loss is recognized as credit loss expense in earnings during the period, with an offsetting entry to the allowance for credit losses. The amount of the credit loss recorded to the allowance account is limited by the amount at which the security's fair value is less than its amortized cost basis. If certain amounts recorded in the allowance for credit losses are deemed uncollectible, the allowance on the uncollectible portion will be charged off, with an offsetting entry to the carrying value of the security. Subsequent improvements to the estimated credit losses of available-for-sale debt securities will be recognized immediately in earnings. As of December 31, 2024 and December 31, 2023, we recorded $0.1 million and $0.6 million, respectively, as an allowance for credit losses on available-for-sale debt securities as a result of the analysis described above. Continuous credit monitoring and portfolio credit balancing mitigates our risk of credit losses on our available-for-sale debt securities.

The amortized cost, gross unrealized gains and losses, allowance for credit losses, and fair value of available-for-sale securities at December 31, 2024 and 2023 were:

December 31, 2024 *(in millions)*	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses[1]	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
Corporate/Other debt securities	$ 91.9	$ 0.5	$ (5.6)	$ (0.1)	$ 86.7
Total	**$ 91.9**	**$ 0.5**	**$ (5.6)**	**$ (0.1)**	**$ 86.7**

December 31, 2023 *(in millions)*	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses[2]	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
U.S. Treasury debt securities	$ 63.8	$ —	$ (3.2)	$ —	$ 60.6
Corporate/Other debt securities	105.2	0.8	(6.9)	(0.6)	98.5
Total	**$ 169.0**	**$ 0.8**	**$ (10.1)**	**$ (0.6)**	**$ 159.1**

[1] Fair value of Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $70.1 million at December 31, 2024.
[2] Fair value of U.S. Treasury debt securities and Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $58.7 million and $74.8 million, respectively, at December 31, 2023.

Realized gains and losses on available-for-sale securities was $2.3 million for the year ended December 31, 2024 and $1.0 million for 2023.

The cost of maturities sold is based upon specific identification. At December 31, 2024, approximately $10.9 million of Corporate/Other debt securities have maturities of less than a year.

There are no material items in the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for the years ended December 31, 2024 and 2023.

Additional plan investments in corporate-owned life insurance are recorded at their cash surrender value, not fair value, and therefore are not included above. These plan investments are classified as "Other investments" on the Consolidated Balance Sheets.

Non-recurring Fair Value Measurements

We measure the fair value of certain assets, including goodwill, on a non-recurring basis, typically when events or changes in circumstances indicate that the carrying amount of the assets may not be recoverable.

B. Other Fair Value Disclosures for Financial Instruments. The carrying amount of cash and cash equivalents, restricted cash, notes receivable, customer deposits and short-term borrowings is a reasonable estimate of fair value due to their liquid or short-term nature. Our long-term borrowings are recorded at historical amounts.

The following method and assumptions were used to estimate the fair value of each class of financial instruments.

Long-term debt. The fair value of outstanding long-term debt is estimated based on the quoted market prices for the same or similar securities. Certain premium costs associated with the early settlement of long-term debt are not taken into consideration in determining fair value. These fair value measurements are classified within Level 2 of the fair value hierarchy. For the years ended December 31, 2024 and 2023, there was no change in the method or significant assumptions used to estimate the fair value of long-term debt.

The carrying amount and estimated fair values of these financial instruments were as follows:

At December 31, *(in millions)*	**Carrying Amount 2024**	**Estimated Fair Value 2024**	Carrying Amount 2023	Estimated Fair Value 2023
Long-term debt (including current portion)	**$ 13,355.7**	**$ 12,505.2**	$ 11,079.3	$ 10,370.9

~~XML 45 R27.htm IDEA: XBRL DOCUMENT~~

Income Taxes

12 Months Ended
Dec. 31, 2024

Income Tax Disclosure [Abstract]

Income Taxes

Judgment and the use of estimates are required in developing the provision for income taxes and reporting of tax-related assets and liabilities. The interpretation of tax laws and associated regulations involves uncertainty as taxing authorities may interpret the laws differently.

NIPSCO's historical business activities through the closing of the NIPSCO Minority Interest Transaction in 2023 were included in the consolidated U.S. federal and certain state income tax returns of NiSource Inc. Historically, NIPSCO has been treated as a taxable division of its corporate parent, NiSource Inc., and then as a division of NIPSCO Holdings I effective April 13, 2023. In connection with the NIPSCO Minority Interest Transaction, NIPSCO Holdings I retained NIPSCO's income tax balances and 80.1% of the excess deferred income tax regulatory balances as described below. NIPSCO Holdings I's income tax balances are based on the difference between the financial statement amount and the tax basis of its investment in NIPSCO Holdings II.

Income Tax Expense. The components of income tax expense (benefit) were as follows:

Year Ended December 31, *(in millions)*	**2024**	2023	2022
Income Taxes			
Current			
Federal	**$ (19.3)**	$ —	$ 0.4
State	**9.4**	5.3	7.3
Total Current (Benefit) Expense	**(9.9)**	5.3	7.7
Deferred			
Federal			
Taxes before operating loss carryforwards and investment credits	**105.9**	49.7	87.9
Tax utilization expense of operating loss carryforwards	**60.4**	65.1	93.1
Investment tax credits	**(0.1)**	(2.1)	—
State	**2.6**	22.5	(23.0)
Total Deferred Expense	**168.8**	135.2	158.0
Deferred Investment Tax Credits	**(0.8)**	(1.0)	(1.1)
Income Taxes from Continuing Operations	**$ 158.1**	$ 139.5	$ 164.6

In connection with the NIPSCO Minority Interest Transaction during 2023, NiSource recognized a $63.5 million income tax benefit in additional paid in capital related to 19.9% of NIPSCO's excess deferred income taxes attributable to Blackstone's noncontrolling interest. This benefit does not impact NIPSCO's regulatory books or the excess deferred taxes that will benefit customers through lower future rates in accordance with applicable regulatory orders. See Note 4, "Noncontrolling Interests," for further discussion of the NIPSCO Minority Interest Transaction.

Statutory Rate Reconciliation. The following table represents a reconciliation of income tax expense at the statutory federal income tax rate to the actual income tax expense from continuing operations:

Year Ended December 31, *(in millions)*	**2024**		2023		2022	
Book income before income taxes	**$ 1,002.8**		$ 813.9		$ 956.4	
Tax expense at statutory federal income tax rate	**210.6**	**21.0 %**	170.8	21.0 %	200.8	21.0 %
Increases (reductions) in taxes resulting from:						
State income taxes, net of federal income tax benefit	**11.7**	**1.2**	13.7	1.7	4.5	0.5
Amortization of regulatory liabilities	**(11.1)**	**(1.1)**	(38.2)	(4.7)	(38.5)	(4.0)
Employee stock ownership plan dividends and other compensation	**(1.3)**	**(0.1)**	(1.3)	(0.2)	(1.2)	(0.1)
Federal tax credits	**(23.3)**	**(2.3)**	(4.9)	(0.6)	(2.3)	(0.2)
Tax effect of non-controlling Interest	**(27.3)**	**(2.7)**	—	—	—	—
Other adjustments	**(1.2)**	**(0.2)**	(0.6)	(0.1)	1.3	—
Income Taxes	**$ 158.1**	**15.8 %**	$ 139.5	17.1 %	$ 164.6	17.2 %

The increase in tax expense of $18.6 million in 2024 versus 2023 was primarily due to higher pre-tax income, partially offset by the tax effect of non-controlling interest, and higher federal tax credits generated by the Cavalry solar and storage facility that are offset in a regulatory liability to pass back to customers in future periods.

The decrease in the Amortization of Regulatory Liabilities in 2024 versus 2023 was primarily due to the regulatory liability established for the Cavalry tax credits generated in 2024, net of TCJA excess deferred amortization which decreased approximately $7.9 million from the prior year.

The difference in tax expense of $25.1 million in 2023 versus 2022 was primarily due to lower pre-tax income.

Net Deferred Income Tax Liability Components. Deferred income taxes result from temporary differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. The principal components of our net deferred tax liabilities were as follows:

At December 31, *(in millions)*	**2024**	2023
Deferred tax liabilities		
Accelerated depreciation and other property differences	**$ 1,419.4**	$ 1,384.8
Partnership basis differences	**1,328.6**	1,241.9
Other regulatory assets	**210.1**	212.1
Total Deferred Tax Liabilities	**2,958.1**	2,838.8
Deferred tax assets		
Other regulatory liabilities and deferred investment tax credits (including TCJA)	**170.4**	182.2
Pension and other postretirement/postemployment benefits	**58.8**	58.6
Loss and credit carryforwards	**369.4**	422.9
Environmental liabilities	**12.2**	10.1
Other accrued liabilities	**43.4**	40.3
Other, net	**28.7**	50.7
Total Deferred Tax Assets	**682.9**	764.8
Valuation Allowance	**(6.4)**	(6.4)
Net Deferred Tax Assets	**676.5**	758.4
Net Deferred Tax Liabilities	**$ 2,281.6**	$ 2,080.4

In connection with the NIPSCO Minority Interest Transaction, NIPSCO's deferred taxes were removed from its GAAP books and were reconstituted as deferred taxes on the outside basis difference of NiSource's investment in NIPSCO Holdings II. These deferred taxes are reflected as partnership basis differences above.

NiSource has the following deductible loss and credit carryforwards:

At December 31, 2024 *(in millions)*	**Deductible Amount**	**Deferred Tax Asset**	**Valuation Allowance**	**Expiration Period**
Federal losses	$ 1,369.1	$ 287.5	$ —	2037
Federal investment tax credits	—	2.2	—	2043
Federal production tax credits	—	1.0	—	2040-2043
Federal other credit	—	17.3	—	2029-2043
State losses	2,024.4	81.9	(6.4)	2031-2037
Total		**$ 389.9**	**$ (6.4)**	

We believe it is not more likely than not that a portion of the benefit from certain state net operating loss carryforwards will be realized. We have recorded a valuation allowance of $6.4 million on the deferred tax assets related to sale of Massachusetts Business assets reflected in the state net operating loss carryforward presented above.

Unrecognized Tax Benefits. A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:

At December 31, 2024*(in millions)*	**2024**	2023	2022
Opening Balance	**$ 21.7**	$ 21.7	$ 21.7
Gross decreases - tax positions in prior period	**—**	—	—
Gross increases - current period tax positions	**—**	—	—
Ending Balance	**$ 21.7**	$ 21.7	$ 21.7
Offset for net operating loss carryforwards	**(21.7)**	(21.7)	(21.7)
Balance, Less Net Operating Loss Carryforwards	**$ —**	$ —	$ —

We are subject to income taxation in the United States and various state jurisdictions, primarily Indiana, Pennsylvania, Kentucky, Massachusetts, Maryland and Virginia.

We participate in the IRS CAP, which provides the opportunity to resolve tax matters with the IRS before filing each year's consolidated federal income tax return. As of December 31, 2024, tax years through 2021 have been audited and are closed to further assessment. The Company has transitioned to the Bridge Phase of the IRS CAP for the year ended December 31, 2022 and participated in the Bridge Plus pilot program in 2022 and 2023. NiSource received a full acceptance letter from the IRS for its 2022 return, but has not yet received a final acceptance letter from the IRS for its 2023 return. However, no adjustments are expected, and the year is effectively closed to further assessment.

The statute of limitations in each of the state jurisdictions in which we operate remains open between 3-4 years from the date the state income tax returns are filed. As of December 31, 2024, there were no

state income tax audits in progress that would have a material impact on the consolidated financial statements.

NiSource is obligated to report adjustments resulting from IRS audits or settlements to state taxing authorities. In addition, if NiSource utilizes net operating losses or tax credits generated in years for which the statute of limitations has expired, such amounts are generally subject to examination.

On April 14, 2023, the IRS issued Revenue Procedure 2023-15 which provides a safe harbor method of accounting that taxpayers may use to determine whether expenses to repair, maintain, replace, or improve linear property and non-linear natural gas transmission and distribution property must be capitalized as improvements or are allowable as deductions. On June 3, 2024, the IRS extended the favorable rules to a Year 2 adoption period. The Company is planning to elect this change in tax accounting method with its 2024 consolidated tax return filing in the upcoming year and continues to analyze and quantify the provisions of the safe harbor method of accounting.

~~XML 46 R28.htm IDEA: XBRL DOCUMENT~~

Pension and Other Postretirement Benefits	12 Months Ended
	Dec. 31, 2024
Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract]	
Pension and Other Postretirement Benefits	

We provide defined contribution plans and noncontributory defined benefit retirement plans that cover certain of our employees. Benefits under the defined benefit retirement plans reflect the employees' compensation, years of service and age at retirement. Additionally, we provide health care and life insurance benefits for certain retired employees. The majority of employees may become eligible for these benefits if they reach retirement age while working for us. The expected cost of such benefits is accrued during the employees' years of service. Current rates of rate-regulated companies include postretirement benefit costs, including amortization of the regulatory assets that arose prior to inclusion of these costs in rates. For most plans, cash contributions are remitted to grantor trusts.

Our Pension and Other Postretirement Benefit Plans' Asset Management. The Board has delegated oversight of the pension and other postretirement benefit plans' assets to the NiSource Benefits Committee (the "Committee"). The Committee has adopted investment policy statements for the pension and other postretirement benefit plans' assets. For the pension plans, we employ a liability-driven investing strategy. A total return approach is utilized for the other postretirement benefit plans' assets. A mix of diversified investments are used to maximize the long-term return of plan assets and hedge the liabilities at a prudent level of risk. The investment portfolio includes U.S. and non-U.S. equities, real estate, long-term and intermediate-term fixed income and alternative investments. Risk tolerance is established through careful consideration of plan liabilities, funded status, and asset class volatility. Investment risk is measured and monitored on an ongoing basis through quarterly investment portfolio reviews, annual liability measurements, and periodic asset/liability studies.

In determining the expected long-term rate of return on plan assets, historical markets are studied, relationships between equities and fixed income are analyzed and current market factors, such as inflation and interest rates are evaluated with consideration of diversification and rebalancing. Our expected long-term rate of return on assets is based on assumptions regarding target asset allocations and corresponding long-term capital market assumptions for each asset class. The pension plans' investment policy calls for a gradual reduction in the allocation of return-seeking assets (equities, real estate and private equity) and a corresponding increase in the allocation of liability-hedging assets (fixed income) as the funded status of the plans' increase.

As of December 31, 2024 and December 31, 2023, the acceptable minimum and maximum ranges established by the policy for the pension and other postretirement benefit plans are as follows:

December 31, 2024	Defined Benefit Pension Plan		Postretirement Benefit Plan	
Asset Category	Minimum	Maximum	Minimum	Maximum
Domestic Equities	10%	30%	0%	55%
International Equities	5%	15%	0%	25%
Fixed Income	65%	75%	20%	100%
Real Estate	0%	0%	0%	0%
Private Equity	0%	3%	0%	0%
Short-Term Investments	0%	10%	0%	10%

December 31, 2023	Defined Benefit Pension Plan		Postretirement Benefit Plan	
Asset Category	Minimum	Maximum	Minimum	Maximum
Domestic Equities	10%	30%	0%	55%
International Equities	5%	15%	0%	25%
Fixed Income	65%	75%	20%	100%
Real Estate	0%	0%	0%	0%
Private Equity	0%	3%	0%	0%
Short-Term Investments	0%	10%	0%	10%

The actual Pension Plan and Postretirement Plan Asset Mix at December 31, 2024 and December 31, 2023 are as follows:

	Defined Benefit Pension Assets[1]	December 31, 2024	Postretirement Benefit Plan Assets	December 31, 2024
Asset Class *(in millions)*	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	$ 258.9	19.4 %	$ 99.6	40.9 %
International Equities	122.5	9.2 %	40.7	16.7 %
Fixed Income	891.2	66.7 %	96.5	39.6 %
Real Estate	4.0	0.3 %	—	—
Cash/Other	59.8	4.4 %	6.7	2.8 %
Total	$ 1,336.4	100.0 %	$ 243.5	100.0 %

[1]Total includes accrued dividends and pending trades with brokers.

	Defined Benefit Pension Assets[1]	December 31, 2023	Postretirement Benefit Plan Assets[1]	December 31, 2023
Asset Class *(in millions)*	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	$ 261.7	18.3 %	$ 93.7	39.6 %
International Equities	141.9	9.9 %	40.7	17.2 %
Fixed Income	939.9	65.9 %	97.0	41.0 %
Real Estate	4.0	0.3 %	—	—
Cash/Other	79.3	5.6 %	5.1	2.2 %
Total	$ 1,426.8	100.0 %	$ 236.5	100.0 %

[1]Total includes accrued dividends and pending trades with brokers.

The categorization of investments into the asset classes in the tables above are based on definitions established by the Committee.

Fair Value Measurements. The following table sets forth, by level within the fair value hierarchy, the pension and other postretirement benefits investment assets at fair value as of December 31, 2024 and 2023. Assets are classified in their entirety based on the observability of inputs used in determining the fair value measurement. There were no material investment assets in the pension and other postretirement benefits trusts classified within Level 3 for the years ended December 31, 2024 and 2023.

We use the following valuation techniques to determine fair value. For the year ended December 31, 2024, there were no significant changes to valuation techniques to determine the fair value of our pension and other postretirement benefits' assets.

Level 1 Measurements
Most common and preferred stocks are traded in active markets on national and international securities exchanges and are valued at closing prices on the last business day of each period presented. Cash is stated at cost, which approximates fair value, with the exception of cash held in foreign currencies which fluctuates with changes in the exchange rates. Short-term bills and notes are priced based on quoted market values.

Level 2 Measurements
Most U.S. Government Agency obligations, mortgage/asset-backed securities, and corporate fixed income securities are generally valued by benchmarking model-derived prices to quoted market prices and trade data for identical or comparable securities. To the extent that quoted prices are not available, fair value is determined based on a valuation model that includes inputs such as interest rate yield curves and credit spreads. Securities traded in markets that are not considered active are valued based on quoted market prices, broker or dealer quotations, or alternative pricing sources with reasonable levels of price transparency. Other fixed income includes futures and options which are priced on bid valuation or settlement pricing.

Level 3 Measurements
Investments with unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets and liabilities are classified as level 3 investments.

Not Classified
Commingled funds, private equity limited partnerships and real estate partnerships are not classified within the fair value hierarchy. Instead, these assets are measured at estimated fair value using the net asset value per share of the investments. Commingled funds' underlying assets are principally marketable equity and fixed income securities. Units held in commingled funds are valued at the unit value as reported by the investment managers. Private equity funds invest capital in non-public companies and real estate funds invest in commercial and distressed real estate directly or through related debt instruments. The fair value of these investments is determined by reference to the funds' underlying assets.

Fair Value Measurements at December 31, 2024:

(in millions)	December 31, 2024	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	$ 1.2	$ 1.1	$ 0.1	$ —
Fixed income securities				
Government	186.8	—	186.8	—
Corporate	486.6	—	486.6	—
Mortgages/ Asset Backed Securities	3.6	—	3.6	—
Mutual Funds				
U.S. multi-strategy	56.1	56.1	—	—
International equities	57.2	57.2	—	—
Private equity limited partnerships[1]				
U.S. multi-strategy[2]	3.1	—	—	—
International multi-strategy[3]	0.8	—	—	—
Distressed opportunities	0.1	—	—	—
Real estate[1]	4.0	—	—	—
Commingled funds[1]				
Short-term money markets	45.9	—	—	—
U.S. equities	202.8	—	—	—
International equities	65.3	—	—	—
Fixed income	214.1	—	—	—
Pension plan assets subtotal	$ 1,327.6	$ 114.4	$ 677.1	$ —
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	87.4	87.4	—	—
International equities	16.5	16.5	—	—
Fixed income	96.5	96.5	—	—
Commingled funds[1]				
Short-term money markets	6.7	—	—	—
U.S. equities	12.2	—	—	—
International equities	24.2	—	—	—
Other postretirement benefit plan assets subtotal	$ 243.5	$ 200.4	$ —	$ —
Due to brokers, net[4]	(0.1)	—	(0.1)	—
Accrued income/dividends	8.9	8.9		—
Total pension and other postretirement benefit plan assets	$ 1,579.9	$ 323.7	$ 677.0	$ —

[1]This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.
[2]This class includes limited partnerships that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.
[3]This class includes limited partnerships that invest a in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.
[4]This class represents pending trades with brokers.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2024:

(in millions)	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	$ 52.6	Daily	1 day
U.S. equities	215.0	Daily	1 day - 5 days
International equities	89.5	Monthly	10 days-30 days
Fixed income	214.1	Daily	3 days
Private Equity and Real Estate Limited Partnerships[1]	8.0	N/A	N/A
Total	$ 579.2		

[1]Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.

Fair Value Measurements at December 31, 2023:

(in millions)	December 31, 2023	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	$ 2.2	$ 2.0	$ 0.2	$ —
Equity securities				
International equities	1.1	1.1	—	—
Fixed income securities				
Government	213.1	—	213.1	—
Corporate	482.2	—	482.2	—
Mortgages/Asset backed securities	2.4	—	2.4	—
Mutual Funds				
U.S. multi-strategy	113.1	113.1	—	—
International equities	38.5	38.5	—	—
Private equity limited partnerships[1]				
U.S. multi-strategy[2]	4.8	—	—	—
International multi-strategy[3]	1.2	—	—	—
Distressed opportunities	0.1	—	—	—
Real estate[1]	4.0	—	—	—
Commingled funds[1]				
Short-term money markets	65.3	—	—	—
U.S. equities	148.5	—	—	—
International equities	102.3	—	—	—
Fixed income	242.2	—	—	—
Pension plan assets subtotal	$ 1,421.0	$ 154.7	$ 697.9	$ —
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	82.4	82.4	—	—
International equities	18.0	18.0	—	—
Fixed income	97.0	97.0	—	—
Commingled funds[1]				
Short-term money markets	5.2	—	—	—
U.S. equities	11.4	—	—	—
International equities	22.8	—	—	—
Other postretirement benefit plan assets subtotal	$ 236.8	$ 197.4	$ —	$ —
Due to brokers, net[4]	(2.7)	—	(2.7)	—
Accrued income/dividends	8.5	8.5	—	—
Total pension and other postretirement benefit plan assets	$ 1,663.6	$ 360.6	$ 695.2	$ —

[1]This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.
[2]This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.
[3]This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.
[4]This class represents pending trades with brokers.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2023:

(in millions)	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	$ 70.5	Daily	1 day
U.S. equities	159.9	Daily	1 day -5 days
International equities	125.1	Monthly	10 days - 30 days
Fixed income	242.2	Daily	3 days
Private Equity and Real Estate Limited Partnerships[1]	10.1	N/A	N/A
Total	$ 607.8		

[1]Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.

Our Pension and Other Postretirement Benefit Plans' Funded Status and Related Disclosure. The following table provides a reconciliation of the plans' funded status and amounts reflected in our Consolidated Balance Sheets at December 31 based on a December 31 measurement date:

	Pension Benefits		**Other Postretirement Benefits**	
(in millions)	**2024**	2023	**2024**	2023
Change in projected benefit obligation[1]				
Benefit obligation at beginning of year	**$ 1,401.8**	$ 1,427.4	**$ 468.8**	$ 449.0
Service cost	**21.9**	20.5	**5.0**	5.1
Interest cost	**64.9**	68.4	**22.0**	21.8
Plan participants' contributions	**—**	—	**3.6**	4.2
Plan amendments	**—**	—	**—**	3.4
Actuarial loss (gain)[2]	**(64.8)**	27.4	**(22.5)**	29.1
Benefits paid	**(136.4)**	(141.9)	**(40.7)**	(44.3)
Estimated benefits paid by incurred subsidy	**—**	—	**0.1**	0.5
Projected benefit obligation at end of year	**$ 1,287.4**	$ 1,401.8	**$ 436.3**	$ 468.8
Change in plan assets				
Fair value of plan assets at beginning of year	**$ 1,426.8**	$ 1,422.8	**$ 236.5**	$ 224.9
Actual return on plan assets	**43.7**	142.8	**20.0**	28.2
Employer contributions	**2.4**	3.1	**23.6**	23.4
Plan participants' contributions	**—**	—	**3.8**	4.3
Benefits paid	**(136.4)**	(141.9)	**(40.7)**	(44.3)
Fair value of plan assets at end of year	**$ 1,336.5**	$ 1,426.8	**$ 243.2**	$ 236.5
Funded Status at end of year	**$ 49.1**	$ 25.0	**$ (193.1)**	$ (232.3)
Amounts recognized in the statement of financial position consist of:				
Noncurrent assets	**66.5**	44.1	**—**	—
Current liabilities	**(2.3)**	(2.2)	**(1.0)**	(1.0)
Noncurrent liabilities	**(15.1)**	(16.9)	**(192.1)**	(231.3)
Net amount recognized at end of year[3]	**$ 49.1**	$ 25.0	**$ (193.1)**	$ (232.3)
Amounts recognized in accumulated other comprehensive income or regulatory asset/liability[4]				
Unrecognized prior service credit	**$ 0.3**	$ 0.3	**$ 3.8**	$ 2.1
Unrecognized actuarial loss	**451.4**	500.4	**47.0**	76.6
Net amount recognized at end of year	**$ 451.7**	$ 500.7	**$ 50.8**	$ 78.7

[1]The change in benefit obligation for Pension Benefits represents the change in Projected Benefit Obligation while the change in benefit obligation for Other Postretirement Benefits represents the change in accumulated postretirement benefit obligation.
[2]The pension actuarial gain was primarily driven by the increase in discount rates interest rate movements. The postretirement benefit actuarial loss (gain) was also primarily driven by a increase in discount rates and claims experience changes in trend rates.
[3]We recognize our Consolidated Balance Sheets underfunded and overfunded status of our various defined benefit postretirement plans, measured as the difference between the fair value of the plan assets and the benefit obligation.
[4]We determined that for certain rate-regulated subsidiaries the future recovery of pension and other postretirement benefits costs is probable. These rate-regulated subsidiaries recorded regulatory assets and liabilities of $485.3 million and zero, respectively, as of December 31, 2024, and $561.6 million and zero, respectively, as of December 31, 2023 that would otherwise have been recorded to accumulated other comprehensive loss.

Our accumulated benefit obligation for our pension plans was $1,278.4 million and $1,390.9 million as of December 31, 2024 and 2023, respectively. The accumulated benefit obligation at each date is the actuarial present value of benefits attributed by the pension benefit formula to employee service rendered prior to that date and based on current and past compensation levels. The accumulated benefit obligation differs from the projected benefit obligation disclosed in the table above in that it includes no assumptions about future compensation levels.

We are required to reflect the funded status of our pension and postretirement benefit plans on the Consolidated Balance Sheet. The funded status of the plans is measured as the difference between the plan assets' fair value and the projected benefit obligation. We present the noncurrent aggregate of all underfunded plans within "Accrued liability for postretirement and postemployment benefits." The portion of the amount by which the actuarial present value of benefits included in the projected

benefit obligation exceeds the fair value of plan assets, payable in the next 12 months, is reflected in "Accrued compensation and other benefits." We present the aggregate of all overfunded plans within "Deferred charges and other."

For our pension plans as of December 31, 2024 and 2023, only our nonqualified plans were underfunded. These plans have no assets as they are not funded until benefits are paid. The following table sets forth the year end accumulated benefit obligation and projected benefit obligation for pension plans with a projected benefit obligation in excess of plan assets:

	December 31,	
	2024	2023
Accumulated Benefit Obligation	**$ 17.4**	$ 19.1
Funded Status		
Projected Benefit Obligation	**$ 17.4**	$ 19.1
Funded Status of Underfunded Pension Plans at End of Year	**$ (17.4)**	$ (19.1)

The following table sets forth the year end accumulated benefit obligation, projected benefit obligation and fair value of plan assets for pension plans with plan assets in excess of the projected benefit obligation:

	December 31,	
	2024	2023
Accumulated Benefit Obligation	**$ 1,261.0**	$ 1,371.8
Funded Status		
Fair Value of Plan Assets	**$ 1,336.4**	$ 1,426.8
Projected Benefit Obligation	**1,269.9**	1,382.7
Funded Status of Overfunded Pension Plans at End of Year	**$ 66.5**	$ 44.1

Our pension plans were overfunded, in aggregate, by $49.1 million at December 31, 2024 compared to being overfunded by $25.0 million at December 31, 2023. The improvement in the funded status was primarily due to an increase in discount rates partially offset by actual return on assets being less than expected return on assets. We contributed $2.4 million and $3.1 million to our pension plans in 2024 and 2023, respectively.

Our other postretirement benefit plans were underfunded, in aggregate by $193.1 million and $232.3 million at December 31, 2024 and 2023, respectively. The change in funded status was primarily due to increased discount rates and actual return on plan assets exceeding expected return. We contributed $23.6 million and $23.4 million to our other postretirement benefit plans in 2024 and 2023, respectively.

In 2024 and 2023, our NiSource Pension Restoration and Columbia Energy Group pension plans paid lump sum payouts in excess of the respective plan's service cost plus interest cost, thereby meeting the requirement for settlement accounting. We recorded settlement charges of $7.2 million and $9.2 million in 2024 and 2023, respectively. In 2024 and 2023, no remeasurement occurred related to lump sum payouts.

The following table provides the key assumptions that were used to calculate the pension and other postretirement benefits obligations for our various plans as of December 31:

	Pension Benefits		Other Postretirement Benefits	
	2024	2023	**2024**	2023
Weighted-average assumptions to Determine Benefit Obligation				
Discount Rate	**5.58 %**	4.95 %	**5.66 %**	4.98 %
Rate of Compensation Increases	**4.00 %**	4.00 %	**N/A**	N/A
Interest Crediting Rates	**4.00 %**	4.00 %	**N/A**	N/A
Health Care Trend Rates				
Trend for Next Year	**N/A**	N/A	**9.77 %**	8.84 %
Ultimate Trend	**N/A**	N/A	**4.75 %**	4.75 %
Year Ultimate Trend Reached	**N/A**	N/A	**2033**	2032

We expect to make contributions of approximately $2.3 million to our pension plans and approximately $21.3 million to our postretirement medical and life plans in 2025.

The following table provides benefits expected to be paid in each of the next five fiscal years, and in the aggregate for the five fiscal years thereafter. The expected benefits are estimated based on the same assumptions used to measure our benefit obligation at the end of the year and include benefits attributable to the estimated future service of employees:

(in millions)	Pension Benefits	Other Postretirement Benefits
Year(s)		
2025	$ 142.6	$ 36.6
2026	136.6	36.1
2027	130.9	36.1
2028	125.8	35.8
2029	119.4	35.6
2030-2034	528.6	171.7

The following table provides the components of the plans' actuarially determined net periodic benefits cost for each of the three years ended December 31, 2024, 2023 and 2022:

	Pension Benefits			Other Postretirement Benefits		
(in millions)	**2024**	2023	2022	**2024**	2023	2022
Components of Net Periodic Benefit (Income) Cost[1]						
Service cost	**$ 21.9**	$ 20.5	$ 27.8	**$ 5.0**	$ 5.1	$ 6.5
Interest cost	**64.9**	68.4	40.5	**22.0**	21.8	12.0
Expected return on assets	**(95.3)**	(94.5)	(90.8)	**(16.1)**	(15.1)	(16.2)
Amortization of prior service cost (credit)	**0.1**	0.1	0.1	**(1.8)**	(2.1)	(2.2)
Recognized actuarial loss	**28.6**	33.7	20.3	**3.2**	3.3	2.6
Settlement loss	**7.2**	9.2	12.4	**—**	—	—
Total Net Periodic Benefits Cost	**$ 27.4**	$ 37.4	$ 10.3	**$ 12.3**	$ 13.0	$ 2.7

[1]Service cost is presented in "Operation and maintenance" on the Statements of Consolidated Income. Non-service cost components are presented within "Other, net."

The following table provides the key assumptions that were used to calculate the net periodic benefits cost for our various plans:

	Pension Benefits			Other Postretirement Benefits		
	2024	2023	2022	**2024**	2023	2022
Weighted-average Assumptions to Determine Net Periodic Benefit Cost						
Discount rate - service cost	**5.06 %**	5.25 %	3.08 %	**5.14 %**	5.30 %	3.21 %
Discount rate - interest cost	**4.88 %**	5.06 %	2.11 %	**4.89 %**	5.07 %	2.24 %
Expected Long-Term Rate of Return on Plan Assets	**7.02 %**	7.00 %	4.80 %	**7.06 %**	6.96 %	5.72 %
Rate of Compensation Increases	**4.00 %**	4.00 %	4.00 %	**N/A**	N/A	N/A
Interest Crediting Rates	**4.00 %**	4.00 %	4.00 %	**N/A**	N/A	N/A

We assumed a 7.02% and 7.06% rate of return on pension and other postretirement plan assets, respectively, for our calculation of 2024 pension benefits and other postretirement benefits costs. These rates were primarily based on asset mix and historical rates of return and were adjusted in 2024 due to changes in asset allocation and projected market returns.

The following table provides other changes in plan assets and projected benefit obligations recognized in other comprehensive income or regulatory asset or liability:

	Pension Benefits		Other Postretirement Benefits	
(in millions)	**2024**	2023	**2024**	2023
Other Changes in Plan Assets and Projected Benefit Obligations Recognized in Other Comprehensive Income or Regulatory Asset or Liability				
Net prior service cost	**$ —**	$ —	**$ —**	$ 3.3
Net actuarial (gain) loss	**(13.1)**	(20.9)	**(26.4)**	16.0
Settlements/curtailments	**(7.2)**	(9.2)	**—**	—
Less: amortization of prior service cost	**(0.1)**	(0.1)	**1.8**	2.1
Less: amortization of net actuarial loss	**(28.6)**	(33.7)	**(3.2)**	(3.3)
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	**$ (49.0)**	$ (63.9)	**$ (27.8)**	$ 18.1
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	**$ (21.6)**	$ (26.5)	**$ (15.5)**	$ 31.1

~~XML 47 R29.htm IDEA: XBRL DOCUMENT~~

Share-Based Compensation	**12 Months Ended Dec. 31, 2024**
Share-Based Payment Arrangement, Noncash Expense [Abstract]	
Share-Based Compensation	

Prior to May 19, 2020, we issued share-based compensation to employees and non-employee directors under the NiSource Inc. 2010 Omnibus Plan ("2010 Omnibus Plan"), which was most recently approved by stockholders at the Annual Meeting of Stockholders held on May 12, 2015. The 2010 Omnibus Plan provided for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and superseded the Director Stock Incentive Plan ("Director Plan") with respect to grants made after the effective date of the 2010 Omnibus Plan.

The stockholders approved and adopted the NiSource Inc. 2020 Omnibus Incentive Plan ("2020 Omnibus Plan") at the Annual Meeting of Stockholders held on May 19, 2020. The 2020 Omnibus Plan provides for awards to employees and non-employee directors of incentive and nonqualified stock options, stock appreciation rights, restricted stock, restricted stock units, performance shares, performance units, cash-based awards and other stock-based awards and supersedes the 2010 Omnibus Plan with respect to grants made after the effective date of the 2020 Omnibus Plan.

The 2020 Omnibus Plan provides that the number of shares of common stock of NiSource available for awards is 10,000,000 plus the number of shares subject to outstanding awards that expire or terminate for any reason that were granted under the

2020 Omnibus Plan, the 2010 Omnibus Plan or any other equity plan under which awards were outstanding as of May 19, 2020. At December 31, 2024, there were 7,216,823 shares available for future awards under the 2020 Omnibus Plan.

We recognized stock-based employee compensation expense of $32.1 million, $23.9 million and $19.0 million, during 2024, 2023 and 2022, respectively, as well as related tax benefits of $7.0 million, $7.7 million and $3.6 million, respectively. We recognized related excess tax benefits from the distribution of vested share-based employee compensation of $2.0 million, $2.9 million, and $0.4 million in 2024, 2023 and 2022, respectively.

As of December 31, 2024, the total remaining unrecognized compensation cost related to non-vested awards amounted to $46.7 million, which will be amortized over the weighted-average remaining requisite service period of 1.8 years.

Restricted Stock Units and Restricted Stock. We granted 655,713, 500,968, and 477,292 restricted stock units and shares of restricted stock to employees, subject to service conditions in 2024, 2023, and 2022, respectively. The total grant date fair value of the restricted stock units and shares of restricted stock during 2024, 2023, and 2022, respectively, was $17.1 million, $13.7 million, and $12.5 million. The grant date fair value for the 2024 and 2023 awards is based on the average market price of our common stock at the date of each grant. For the year ended 2022, the grant date fair value is based on the average market price of our common stock at the date of each grant less the present value of any dividends not received during the vesting period. The awards are expensed over the vesting period which is generally three years. As of December 31, 2024, 592,490, 393,509, and 270,325 non-vested restricted stock units and shares of restricted stock granted in 2024, 2023, and 2022, respectively, were outstanding. Our non-vested restricted stock units have a non-forfeitable right to dividend equivalents, with immaterial amounts paid in the periods ending December 31, 2024 and 2023. See Note 5, "Earnings Per Share," for further discussion.

In general, if an employee terminates employment before the service conditions lapse under the 2022, 2023 or 2024 awards due to (1) retirement or disability (as defined in the 2020 Omnibus Plan), or (2) death, the service conditions will lapse on the date of such termination with respect to a pro rata portion of the restricted stock units and shares of restricted stock based upon the percentage of the service period satisfied between the grant date and the date of the termination of employment. In the event of a change in control (as defined in the 2020 Omnibus Plan), all unvested shares of restricted stock and restricted stock units awarded will immediately vest upon termination of employment occurring in connection with a change in control. Termination due to any other reason, in general, will result in all unvested shares of restricted stock and restricted stock units awarded being forfeited effective on the employee's date of termination.

A summary of our restricted stock unit award transactions for the year ended December 31, 2024 is as follows:

(shares)	Restricted Stock Units	Weighted Average Award Date Fair Value Per Unit ($)
Non-vested at December 31, 2023	1,066,916	25.71
Granted	655,713	26.10
Forfeited	(167,057)	26.19
Vested	(227,452)	22.90
Non-vested at December 31, 2024	**1,328,120**	**26.49**

Employee Performance Shares. We granted 896,363 performance shares subject to service, performance and/or market-based vesting conditions in 2024. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, achievement of relative total shareholder return, and other operational metrics, which make up 55%, 25%, and 20% of the issued awards respectively.

The non-GAAP financial measure is cumulative adjusted earnings per share, which we define as diluted earnings per share adjusted for certain items. Relative total shareholder return, a market-based vesting condition, which we define as the annualized growth in dividends and share price of a share of our common stock (calculated using a 20 trading day average of our closing price over the performance period, approximately) compared to the total shareholder return of a predetermined peer group of companies. A Monte Carlo analysis was used to value the portion of these awards dependent on the market-based vesting condition. The grant date fair value of the non-GAAP financial measure shares is based on the closing stock price of our common stock at the date of each grant, which will be expensed over the requisite service period of three years. The conditions

for the remaining performance-based awards are based on operational goals of Annual Operational Index Scorecard (10%), Employee Engagement Index Score (5%), and Environmental Greenhouse Gas Reduction (5%).

In 2023, we granted 649,088 performance shares subject to service, performance and/or market-based vesting conditions. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, achievement of relative total shareholder return, and other operational metrics, which make up 50%, 25%, and 25% of the issued awards respectively. The operational metrics consist of goals of economic inclusion (5%), OPEX ("Operating Expenses") Index (10%), Employee Engagement Index Score (5%), and Environmental GHG Reduction (5%). The OPEX Index is further defined by goals related to risk mitigation and modernization of our infrastructure.

In 2022, we granted 566,086 performance shares subject to service, performance and/or market-based vesting conditions. The performance conditions for these shares are based on the achievement of one non-GAAP financial measure, and/or achievement of relative total shareholder return, outlined above. The number of shares that are eligible to vest based on these performance conditions are adjusted based on performance of the magnifier framework for 2022 awards. The operational magnifier framework for 2022 performance shares consists of three areas of focus, including safety, environment, and workforce, representing 20%, 10% and 10%, respectively.

The following table presents details of the performance awards described above.

Award Year	Service Conditions Lapse date	Performance Period	Award Conditions	Shares outstanding at 12/31/2024 *(shares)*	Grant Date Fair Value *(in millions)*
2024	2/26/2027	01/01/2024-12/31/2026	Non-GAAP Financial and Operational Measures	619,673	$ 17.4
			Relative Total Shareholder Return	206,524	$ 6.9
2023	2/28/2026	01/01/2023-12/31/2025	Non-GAAP Financial and Operational Measures	430,670	$ 13.3
			Relative Total Shareholder Return	143,540	$ 5.4
2022	2/28/2025	01/01/2022-12/31/2024	Non-GAAP Financial Measure	195,460	$ 7.4
			Relative Total Shareholder Return	195,460	$ 10.6

A summary of our performance award transactions for the year ended December 31, 2024 is as follows:

(shares)	Performance Awards	Weighted Average Grant Date Fair Value Per Unit ($)
Non-vested at December 31, 2023	1,558,509	28.01
Granted	896,363	27.05
Forfeited	(189,080)	31.75
Vested	(546,569)	21.95
Non-vested at December 31, 2024	**1,719,223**	**24.96**

Non-employee Director Awards. As of May 19, 2020, awards to non-employee directors may be made only under the 2020 Omnibus Plan. Currently, restricted stock units are granted annually to non-employee directors, subject to a non-employee director's election to defer receipt of such restricted stock unit award. The non-employee director's annual award of restricted stock units vest on the first anniversary of the grant date subject to special pro-rata vesting rules in the event of retirement or

disability (as defined in the award agreement), or death. The vested restricted stock units are payable as soon as practicable following vesting except as otherwise provided pursuant to the non-employee director's deferral election. Certain restricted stock units remain outstanding from the 2010 Omnibus Plan and the Director Plan. All such awards are fully vested and shall be distributed to the directors upon their separation from the Board.

As of December 31, 2024, 292,566 restricted stock units are outstanding to non-employee directors under either the 2020 Omnibus Plan, the 2010 Omnibus Plan or the Director Plan. Of this amount, 68,436 restricted stock units are unvested and expected to vest.

401(k) Match, Profit Sharing and Company Contribution. Eligible salaried employees hired after January 1, 2010 and hourly and union employees hired after January 1, 2013 receive a non-elective company contribution of 4.5% of eligible pay payable in cash or shares of NiSource common stock. We also have a voluntary 401(k) savings plan covering eligible union and nonunion employees that allows for periodic discretionary matches as a percentage of each participant's contributions payable in cash or shares. Further, we have a retirement savings plan that provides for discretionary profit sharing contributions to eligible employees. For the years ended December 31, 2024, 2023 and 2022, we recognized 401(k) match, profit sharing and non-elective contribution expense of $56.9 million, $50.7 million and $39.1 million, respectively.

~~*XML 48 R30.htm IDEA: XBRL DOCUMENT*~~

Leases

12 Months Ended
Dec. 31, 2024

Leases [Abstract]

Lessee, Operating Leases

Lease Descriptions. We are the lessee for substantially all of our leasing activity, which includes operating and finance leases for corporate and field offices, railcars, land, and fleet vehicles. Our corporate and field office leases and certain land leases have remaining terms between 1 and 39 years with options to renew the leases for up to 35 years. We lease railcars to transport coal to and from our electric generation facilities in Indiana. Our railcars are specifically identified in the lease agreements which have remaining lease terms between 1 and 3 years with options to renew for 1 year. Our fleet vehicles include trucks, trailers and equipment that have been customized specifically for use in the utility industry. We lease fleet vehicles for 1 year terms, after which we have the option to extend on a month-to-month basis or terminate with written notice. We elected the short-term lease practical expedient, allowing us to not recognize ROU assets or lease liabilities for all leases with a term of 12 months or less. ROU assets and liabilities on our Consolidated Balance Sheets do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so.

We have not provided material residual value guarantees for our leases, nor do our leases contain material restrictions or covenants. Lease contracts containing renewal and termination options are mostly exercisable at our sole discretion. Certain of our real estate and railcar leases include renewal periods in the measurement of the lease obligation if we have deemed the renewals reasonably certain to be exercised.

With respect to service contracts involving the use of assets, if we have the right to direct the use of the asset and obtain substantially all economic benefits from the use of an asset, we account for the service contract as a lease. Unless specifically provided to us by the lessor, we utilize NiSource's collateralized incremental borrowing rate commensurate to the lease term as the discount rate for all of our leases. ASC 842 permits a lessee, by class of underlying asset, not to separate nonlease components from lease components. Our policy is to apply this expedient for our leases of fleet vehicles, IT assets and railcars when calculating their respective lease liabilities.

Lease costs for the years ended December 31, 2024 and December 31, 2023 are presented in the table below. These costs include both amounts recognized in expense and amounts capitalized as part of the cost of another asset. Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:

Year Ended December 31, *(in millions)*	Income Statement Classification	**2024**	2023
Finance lease cost			
Amortization of right-of-use assets	Depreciation and amortization	**$ 27.1**	$ 32.0
Interest on lease liabilities	Interest expense, net	**13.5**	8.6
Total finance lease cost		**40.6**	40.6
Operating lease cost	Operation and maintenance	**14.7**	11.3
Total lease cost		**$ 55.3**	$ 51.9

Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:

At December 31, *(in millions)*	Balance Sheet Classification	2024	2023
Assets			
Finance leases	Net Property, Plant and Equipment	**$ 222.9**	$ 184.3
Operating leases	Deferred charges and other	**26.4**	32.9
Total leased assets		**$ 249.3**	217.2
Liabilities			
Current			
Finance leases	Current portion of long-term debt	**$ 22.9**	23.8
Operating leases	Other accruals	**9.1**	8.3
Noncurrent			
Finance leases	Long-term debt, excluding amounts due within one year	**223.3**	181.6
Operating leases	Other noncurrent liabilities and deferred credits	**18.2**	25.8
Total lease liabilities		**$ 273.5**	$ 239.5

Other pertinent information related to leases was as follows:

Year Ended December 31, *(in millions)*	2024	2023
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows used for finance leases	**$ 11.2**	$ 9.3
Operating cash flows used for operating leases	**14.5**	11.1
Financing cash flows used for finance leases	**26.9**	33.1
Right-of-use assets obtained in exchange for lease obligations		
Finance leases	**65.9**	64.5
Operating leases	**$ 12.2**	$ 5.6

	December 31, 2024	December 31, 2023
Weighted-average remaining lease term (years)		
Finance leases	**20.5**	16.4
Operating leases	**5.6**	6.7
Weighted-average discount rate		
Finance leases	**5.6 %**	5.5 %
Operating leases	**4.5 %**	4.3 %

Maturities of our lease liabilities as of December 31, 2024 were as follows:

As of December 31, 2024, *(in millions)*	Total	Finance Leases	Operating Leases
2025	$ 44.6	$ 34.6	$ 10.0
2026	34.7	29.4	5.3
2027	28.5	24.2	4.3
2028	26.1	23.0	3.1
2029	21.5	19.0	2.5
Thereafter	304.9	299.2	5.7
Total lease payments	460.3	429.4	30.9
Less: Imputed interest	(186.8)	(183.2)	(3.6)
Total	$ 273.5	$ 246.2	$ 27.3
Reported as of December 31, 2024			
Short-term lease liabilities	32.0	22.9	9.1
Long-term lease liabilities	241.5	223.3	18.2
Total lease liabilities	$ 273.5	$ 246.2	$ 27.3

Lessee, Finance Leases

Lease Descriptions. We are the lessee for substantially all of our leasing activity, which includes operating and finance leases for corporate and field offices, railcars, land, and fleet vehicles. Our corporate and field office leases and certain land leases have remaining terms between 1 and 39 years with options to renew the leases for up to 35 years. We lease railcars to transport coal to and from our electric generation facilities in Indiana. Our railcars are specifically identified in the lease agreements which have remaining lease terms between 1 and 3 years with options to renew for 1 year. Our fleet vehicles include trucks, trailers and equipment that have been customized specifically for use in the utility industry. We lease fleet vehicles for 1 year terms, after which we have the option to extend on a month-to-month basis or terminate with written notice. We elected the short-term lease practical expedient, allowing us to not recognize ROU assets or lease liabilities for all leases with a term of 12 months or less. ROU assets and liabilities on our Consolidated Balance Sheets do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so.

We have not provided material residual value guarantees for our leases, nor do our leases contain material restrictions or covenants. Lease contracts containing renewal and termination options are mostly exercisable at our sole discretion. Certain of our real estate and railcar leases include renewal periods in the measurement of the lease obligation if we have deemed the renewals reasonably certain to be exercised.

With respect to service contracts involving the use of assets, if we have the right to direct the use of the asset and obtain substantially all economic benefits from the use of an asset, we account for the service contract as a lease. Unless specifically provided to us by the lessor, we utilize NiSource's collateralized incremental borrowing rate commensurate to the lease term as the discount rate for all of our leases. ASC 842 permits a lessee, by class of underlying asset, not to separate nonlease components from lease components. Our policy is to apply this expedient for our leases of fleet vehicles, IT assets and railcars when calculating their respective lease liabilities.

Lease costs for the years ended December 31, 2024 and December 31, 2023 are presented in the table below. These costs include both amounts recognized in expense and amounts capitalized as part of the cost of another asset. Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:

Year Ended December 31, *(in millions)*	Income Statement Classification	2024	2023
Finance lease cost			
Amortization of right-of-use assets	Depreciation and amortization	**$ 27.1**	$ 32.0
Interest on lease liabilities	Interest expense, net	**13.5**	8.6
Total finance lease cost		**40.6**	40.6
Operating lease cost	Operation and maintenance	**14.7**	11.3
Total lease cost		**$ 55.3**	$ 51.9

Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:

At December 31, *(in millions)*	Balance Sheet Classification	2024	2023
Assets			
Finance leases	Net Property, Plant and Equipment	**$ 222.9**	$ 184.3
Operating leases	Deferred charges and other	**26.4**	32.9
Total leased assets		**$ 249.3**	217.2
Liabilities			
Current			
Finance leases	Current portion of long-term debt	**$ 22.9**	23.8
Operating leases	Other accruals	**9.1**	8.3
Noncurrent			
Finance leases	Long-term debt, excluding amounts due within one year	**223.3**	181.6
Operating leases	Other noncurrent liabilities and deferred credits	**18.2**	25.8
Total lease liabilities		**$ 273.5**	$ 239.5

Other pertinent information related to leases was as follows:

Year Ended December 31, *(in millions)*	2024	2023
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows used for finance leases	**$ 11.2**	$ 9.3
Operating cash flows used for operating leases	**14.5**	11.1
Financing cash flows used for finance leases	**26.9**	33.1
Right-of-use assets obtained in exchange for lease obligations		
Finance leases	**65.9**	64.5
Operating leases	**$ 12.2**	$ 5.6

	December 31, 2024	December 31, 2023
Weighted-average remaining lease term (years)		
Finance leases	**20.5**	16.4
Operating leases	**5.6**	6.7
Weighted-average discount rate		
Finance leases	**5.6 %**	5.5 %
Operating leases	**4.5 %**	4.3 %

Maturities of our lease liabilities as of December 31, 2024 were as follows:

As of December 31, 2024, *(in millions)*	Total	Finance Leases	Operating Leases
2025	$ 44.6	$ 34.6	$ 10.0
2026	34.7	29.4	5.3
2027	28.5	24.2	4.3
2028	26.1	23.0	3.1
2029	21.5	19.0	2.5
Thereafter	304.9	299.2	5.7
Total lease payments	460.3	429.4	30.9
Less: Imputed interest	(186.8)	(183.2)	(3.6)
Total	$ 273.5	$ 246.2	$ 27.3
Reported as of December 31, 2024			
Short-term lease liabilities	32.0	22.9	9.1
Long-term lease liabilities	241.5	223.3	18.2
Total lease liabilities	$ 273.5	$ 246.2	$ 27.3

Other Commitments And Contingencies

12 Months Ended
Dec. 31, 2024

Commitments and Contingencies Disclosure [Abstract]

Other Commitments And Contingencies

Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2024 and their maturities were:

(in millions)	Total	2025	2026	2027	2028	2029	After
Long-term debt [1]	$ 13,205.0	$ 1,260.0	$ —	$ 1,090.0	$ 1,055.0	$ 1,350.0	$ 8,450.0
Interest payments on long-term debt	8,090.3	566.2	551.1	531.7	481.6	453.9	5,505.8
Finance leases[2]	429.4	34.6	29.4	24.2	23.0	19.0	299.2
Operating leases[3]	30.9	10.0	5.3	4.3	3.1	2.5	5.7
Energy commodity contracts	119.7	118.5	0.3	0.3	0.4	0.2	—
Service obligations:							
Pipeline service obligations	2,694.6	685.5	631.2	609.2	373.2	245.2	150.3
IT service obligations	120.7	73.9	30.3	11.4	5.1	—	—
Plant equipment purchase obligations	173.5	140.5	24.9	4.3	3.8	—	—
Other liabilities[4]	336.0	287.0	7.9	7.7	7.6	7.7	18.1
Total contractual obligations	$ 25,200.1	$ 3,176.2	$ 1,280.4	$ 2,283.1	$ 1,952.8	$ 2,078.5	$ 14,429.1

[1] Long-term debt balance excludes unamortized issuance costs and discounts of $95.5 million.
[2] Finance lease payments shown above are inclusive of interest totaling $183.2 million.
[3] Operating lease payments shown above are inclusive of interest totaling $3.6 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so as they are renewed month-to-month after the first year.
[4] Other liabilities shown above are primarily related to the Dunns Bridge II and Indiana Crossroads Solar Developer payments due in 2025 and ongoing maintenance service agreements for our renewable joint ventures.

Purchase and Service Obligations. We have entered into various purchase and service agreements whereby we are contractually obligated to make certain minimum payments in future periods. Our energy commodity contracts are for the purchase of physical quantities of natural gas, electricity and coal. Our service obligations, consisting of pipeline service obligations and IT service obligations, encompass a broad range of business support and maintenance functions which are generally described below. Our plant equipment purchase obligations are for plant equipment, typically for generation assets, with long lead times that require payments made over time

Our subsidiaries have entered into various energy commodity contracts to purchase physical quantities of natural gas, electricity and coal. These amounts represent the minimum quantity of these commodities we are obligated to purchase at both fixed and variable prices. To the extent contractual purchase prices are variable, obligations disclosed in the table above are valued at market prices as of December 31, 2024.

NIPSCO has PPAs representing a total of 600 MW of wind power, with contracts expiring between 2038 and 2040. No minimum quantities are specified within these agreements due to the variability of electricity generation from wind, so no amounts related to these contracts are included in the table above. Upon early termination of one of these agreements by NIPSCO for any reason (other than material breach by the counterparties), NIPSCO may be required to pay a termination charge that could be material depending on the events giving rise to termination and the timing of the termination.

We have pipeline service agreements that provide for pipeline capacity, transportation and storage services. These agreements, which have expiration dates ranging from 2028 to 2038, require us to pay fixed monthly charges.

NIPSCO has contracts with three major rail operators providing coal transportation services for which there are certain minimum payments. These service contracts extend for various periods through 2025.

We have executed agreements with multiple IT service providers. The agreements extend for various periods through 2029.

B. Guarantees and Indemnities. We and certain of our subsidiaries enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries as part of normal business. Such agreements include guarantees and stand-by letters of credit. These agreements are entered into primarily to support or enhance the creditworthiness otherwise attributed to a subsidiary on a stand-alone basis, thereby facilitating the extension of sufficient credit to accomplish the subsidiaries' intended commercial purposes. At December 31, 2024 and 2023, we issued stand-by letters of credit of $9.4 million and $9.9 million, respectively, for the benefit of third parties.

We provide guarantees related to our future performance under BTAs for our renewable generation projects. At December 31, 2024 and 2023, our guarantees for multiple BTAs totaled $1,127.5 million and $646.1 million, respectively. The amount of each guaranty will decrease upon completion of certain milestones for the construction of the facilities, including mechanical and substantial completion. See "- E. Other Matters - Generation Transition," below for more information.

We provide guarantees related to some of our rail and pipeline service agreements. If we do not meet our contractual obligations under the terms of these agreements we would be required to pay up to a maximum of $61.7 million.

C. Legal Proceedings. From time to time, various legal and regulatory claims and proceedings are pending or threatened against the Company and its subsidiaries. While the amounts claimed may be substantial, the Company is unable to predict with certainty the ultimate outcome of such claims and proceedings. The Company establishes reserves whenever it believes it to be appropriate for pending litigation matters. However, the actual results of resolving the pending litigation matters may be substantially higher than the amounts reserved. If one or more other matters were decided against us, the effects could be material to our results of operations in the period in which we would be required to record or adjust the related liability and could also be material to our cash flows in the periods that we would be required to pay such liability. Due to the inherent uncertainty of litigation, there can be no assurance that the resolution of any particular claim, proceeding or investigation would not have a material adverse effect on our results of operations, financial position or liquidity.

Other Claims and Proceedings. We are also party to certain other claims, regulatory and legal proceedings arising in the ordinary course of business in each state in which we have operations, and based upon an investigation of these matters and discussion with legal counsel, we believe the ultimate outcome of such other legal proceedings to be individually, or in aggregate, not material at this time.

D. Environmental Matters. Our operations are subject to environmental statutes and regulations related to air quality, water quality, hazardous waste and solid waste. We believe that we are in substantial compliance with the environmental regulations currently applicable to our operations.

It is management's continued intent to address environmental issues in cooperation with regulatory authorities in such a manner as to achieve mutually acceptable compliance plans. However, there can be no assurance that fines and penalties will not be incurred. Management expects the majority of environmental assessment and remediation costs and asset retirement costs, further described below, to be recoverable through rates. See Note 11, "Asset Retirement Obligations" and Note 12, "Regulatory Matters," for additional detail.

As of December 31, 2024 and 2023, we had recorded a liability of $91.8 million and $80 million, respectively, to cover environmental remediation at various sites. This liability is included in "Other accruals" and "Other noncurrent liabilities and deferred credits" in the Consolidated Balance Sheets. We recognize costs associated with environmental remediation obligations when the incurrence of such costs is probable and the amounts can be reasonably estimated. The original estimates for remediation activities may differ materially from the amount ultimately expended. The actual future expenditures depend on many factors, including laws and regulations, the nature and extent of impact and the method of remediation. These expenditures are not currently estimable at some sites. We periodically adjust our liability as information is collected and estimates become more refined.

CERCLA. Our subsidiaries are potentially responsible parties at waste disposal sites under the CERCLA and similar state laws. Under CERCLA, each potentially responsible party can be held jointly, severally and strictly liable for the remediation costs as the EPA, or state, can allow the parties to pay for remedial action or perform remedial action themselves and request reimbursement from the potentially responsible parties. Our affiliates have retained CERCLA environmental liabilities, including remediation liabilities, associated with certain current and former operations. At this time, we cannot estimate the full cost of remediating properties that have not yet been investigated, but it is possible that the future costs could be material to the Consolidated Financial Statements.

MGP. We maintain a program to identify and investigate former MGP sites where gas distribution subsidiaries or predecessors may have liability. The program has identified 51 such sites where liability is probable. Remedial actions at many of these sites are being overseen by state or federal environmental agencies through consent agreements or voluntary remediation agreements.

We utilize a probabilistic model to estimate our future remediation costs related to MGP sites. The model was prepared with the assistance of a third party and incorporates our experience and general industry experience with remediating MGP sites. We complete an annual refresh of the model in the second quarter of each fiscal year. We recorded an $11.2 million increase to the estimated future remediation costs as a result of the refresh completed in the second quarter of 2024. No material changes to the estimated future remediation costs were noted as a result of an internal quarterly review of environmental reserves completed as of December 31, 2024. Our total estimated liability related to the facilities subject to remediation was $86.4 million and $73.7 million at December 31, 2024 and 2023, respectively. The liability represents our best estimate of the probable cost to remediate the MGP sites. Our model indicates that it is reasonably possible that remediation costs could vary by as much as $16.3 million in addition to the costs noted above. Remediation costs are estimated based on the best available information, applicable remediation standards at the balance sheet date, and experience with similar facilities.

CCRs. NIPSCO continues to meet the compliance requirements established by the EPA for the regulation of CCRs. The CCR rule requirements currently in effect required revisions to previously recorded legal obligations associated with the retirement of certain NIPSCO facilities. The actual asset retirement costs related to the CCR rule may vary substantially from the estimates used to record the increased asset retirement obligation due to the uncertainty about the requirements that will be established by environmental authorities, compliance strategies that will be used and the preliminary nature of available data used to estimate costs. As allowed by the rule, NIPSCO will continue to collect data over time to determine the specific compliance solutions and associated costs and, as a result, the actual costs may vary.

E. Other Matters

Generation Transition. NIPSCO has executed several BTAs with developers to construct renewable generation facilities. NIPSCO has received IURC approval for all of its BTAs and PPAs. In October 2024, NIPSCO contracted with a developer to convert the previously approved Templeton Wind PPA to a BTA and has provided a notice of intent to file a CPCN with the IURC. In addition to IURC approval, NIPSCO's purchase obligation under certain BTAs is dependent on timely completion of construction. Certain agreements require NIPSCO to make partial payments upon the developer's completion of significant construction milestones. With respect to BTAs for which tax equity partnerships are utilized, once the tax equity partner has earned its negotiated rate of return and we have reached the agreed upon contractual date, NIPSCO has the option to purchase at fair market value the remaining interest in the JV from the tax equity partner. In January 2024, the IURC approved the full ownership of Cavalry and Dunns Bridge II which will allow those BTAs to be executed through direct ownership. In March 2024, Cavalry achieved mechanical completion, resulting in NIPSCO making a $110.6 million payment to the developer. In May 2024, Cavalry achieved substantial completion and commenced commercial operations, resulting in NIPSCO making a $114.9 million payment to the developer. In August 2024, the IURC approved full ownership of the Gibson and Fairbanks projects as well as an increase to the cost of the Fairbanks project. In January 2025, Fairbanks achieved mechanical completion resulting in NIPSCO making a $336.6 million payment to the developer. In September 2024, Dunns Bridge II achieved mechanical completion, resulting in NIPSCO making a $153.3 million payment to the developer. In January 2025, substantial completion was achieved requiring a final payment of $217.6 million to be paid in February 2025. NIPSCO has filed a request to modify the ownership structure for the Templeton wind project to become a wholly owned project.

NIPSCO Minority Interest Transaction. On December 31, 2023, pursuant to the terms of the BIP Purchase Agreement and simultaneously with the closing of the NIPSCO Minority Interest Transaction, Blackstone, NIPSCO Holdings I, NIPSCO
Holdings II and NiSource entered into an Amended and Restated Limited Liability Company Agreement (the "LLC Agreement") of NIPSCO Holdings II. Specifically, under the terms of the LLC Agreement, Blackstone will provide up to $250 million in additional capital contributions over a three-year period after the closing, which the obligation is backed by an Equity Commitment Letter from an affiliate of Blackstone. Under the LLC Agreement, Blackstone is entitled to appoint two directors to the board of directors of NIPSCO Holdings II (the "Board") so long as Blackstone (together with any approved affiliate) holds at least a 17.5% percentage interest (as defined in the LLC Agreement). In connection with the closing, Blackstone appointed two directors to the Board, such that the Board is now comprised of seven directors, two appointed by Blackstone and five appointed by NiSource. The LLC Agreement also contains certain investor protections, including, among other things, requiring Blackstone approval for Holdings II to take certain major actions. In addition, the LLC Agreement contains certain terms regarding transfer rights and other obligations applicable to both Blackstone and NiSource. The LLC Agreement establishes, among other things, governance rights, exit rights, requirements for additional capital contributions, mechanics for distributions, and other arrangements for Holdings II following the closing. On January 31, 2024, BIP transferred a 4.5% equity interest in NIPSCO Holdings II to BIP Blue Buyer VCOC L.L.C., a Delaware limited liability company and also an affiliate of Blackstone. Effective upon the closing of this transfer, the members of NIPSCO Holdings II entered into a Second Amended and Restated Limited Liability Company Operating Agreement of NIPSCO Holdings II (the "Amended LLC Agreement"). The two affiliates of Blackstone must vote their equity holdings under the Amended LLC Agreement as one investor.
Refer to Note 4, "Noncontrolling Interests," for detailed discussion of accounting for the NIPSCO Minority Interest Transaction.

Accumulated Other Comprehensive Loss

12 Months Ended
Dec. 31, 2024

Components of Accumulated Other Comprehensive Income (Loss) [Abstract]

Accumulated Other Comprehensive Loss

The following table displays the activity of Accumulated Other Comprehensive Loss, net of tax:

(in millions)	Gains and Losses on Securities[1]	Gains and Losses on Cash Flow Hedges[1]	Pension and OPEB Items[1]	Accumulated Other Comprehensive Loss[1]
Balance as of January 1, 2022	**$ 2.1**	**$ (122.5)**	**$ (6.4)**	**$ (126.8)**
Other comprehensive (loss) income before reclassifications	(13.7)	109.7	(8.9)	87.1
Amounts reclassified from accumulated other comprehensive loss	0.4	0.2	2.0	2.6
Net current-period other comprehensive (loss) income	(13.3)	109.9	(6.9)	89.7
Balance as of December 31, 2022	**$ (11.2)**	**$ (12.6)**	**$ (13.3)**	**$ (37.1)**
Other comprehensive (loss) income before reclassifications	3.1	(0.5)	(1.4)	1.2
Amounts reclassified from accumulated other comprehensive loss	0.8	0.3	1.2	2.3
Net current-period other comprehensive (loss) income	3.9	(0.2)	(0.2)	3.5
Balance as of December 31, 2023	**$ (7.3)**	**$ (12.8)**	**$ (13.5)**	**$ (33.6)**
Other comprehensive income (loss) before reclassifications	1.5	—	(1.2)	0.3
Amounts reclassified from accumulated other comprehensive loss	1.8	(0.4)	1.5	2.9
Net current-period other comprehensive income (loss)	3.3	(0.4)	0.3	3.2
Balance as of December 31, 2024	**$ (4.0)**	**$ (13.2)**	**$ (13.2)**	**$ (30.4)**

[1]All amounts are net of tax. Amounts in parentheses indicate debits.

~~XML 51 R33.htm IDEA: XBRL DOCUMENT~~

Business Segment Information

12 Months Ended
Dec. 31, 2024

Segment Reporting [Abstract]

Business Segment Information

Our reportable segments reflect the manner in which our business is managed and our resources are allocated. Following the consummation of the NIPSCO Minority Interest Transaction, we revised how we evaluate results and allocate resources across our business with an increased focus on operating performance at the state level. Refer to Note 4, "Noncontrolling Interests," for additional information on the NIPSCO Minority Interest Transaction. At December 31, 2024, our operations are divided into two primary reportable segments, the Columbia Operations and the NIPSCO Operations segments. Columbia Operations aggregates the results of the fully regulated and wholly owned subsidiaries of NiSource Gas Distribution Group, Inc. (a holding company that owns Columbia of Kentucky, Columbia of Maryland, Columbia of Ohio, Columbia of Pennsylvania, and Columbia of Virginia). Each Columbia distribution company is an operating segment which we aggregate to form the Columbia Operations reportable segment. NIPSCO Operations includes the results of NIPSCO Holdings I and its majority-owned subsidiaries, including NIPSCO, which has fully regulated gas and electric operations in northern Indiana. Our historical segment disclosures have been recast to be consistent with the current presentation.

The remainder of our operations, which are not significant enough on a stand-alone basis to warrant treatment as an operating segment, are presented as "Corporate and Other" in the subsequent reconciliation table and primarily are comprised of interest expense on holding company debt and unallocated corporate costs and activities. Refer to Note 3, "Revenue Recognition," for additional information on our segments and their sources of revenues. The following table provides information about our reportable segments. We use operating income as our primary measurement for each of the reported segments and make decisions on financing, dividends and taxes at the corporate level on a consolidated basis. We provide this measure to our Chief Operating Decision Maker, the CEO, who utilizes this measure to make operating segment level strategy decisions based on budget-to-actual variances and against prior periods to allocate resources accordingly. Segment revenues include intersegment sales to affiliated subsidiaries, which are eliminated in consolidation. Affiliated sales are recognized on the basis of prevailing market, regulated prices or at levels provided for under contractual agreements. Operating income is derived from revenues and expenses directly associated with each segment.

Year Ended December 31, 2024 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,703.2	$ 2,751.0	$ 5,454.2
Intersegment Revenue	12.8	1.0	13.8
Total Operating Revenue	**$ 2,716.0**	**$ 2,752.0**	**$ 5,468.0**
Cost of energy	514.7	617.5	1,132.2
O&M	837.5	761.4	1,598.9
Depreciation	409.1	590.3	999.4
Total other taxes	218.6	64.3	282.9
Other segment items[1]	7.4	(1.3)	6.1
Operating Income	**$ 728.7**	**$ 719.8**	**$ 1,448.5**
Capital Expenditures[2]	**$ 1,209.0**	**$ 2,252.4**	**$ 3,461.4**
Assets	**$ 14,769.5**	**$ 15,823.5**	**$ 30,593.0**

[1]Other segment items consists of Loss (gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2]Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

Year Ended December 31, 2023 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,733.9	$ 2,770.7	$ 5,504.6
Intersegment Revenue	12.2	0.9	13.1
Total Operating Revenue	**$ 2,746.1**	**$ 2,771.6**	**$ 5,517.7**
Cost of energy	645.0	888.3	1,533.3
O&M	792.3	787.7	1,580.0
Depreciation	371.7	493.8	865.5
Total other taxes	198.8	57.9	256.7
Other segment items[1]	—	2.2	2.2
Operating Income	**$ 738.3**	**$ 541.7**	**$ 1,280.0**
Capital Expenditures[2]	**$ 1,159.6**	**$ 1,294.8**	**$ 2,454.4**
Assets	**$ 13,664.5**	**$ 13,962.6**	**$ 27,627.1**

[1]Other segment items consists of Loss(gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2]Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

Year Ended December 31, 2022 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,951.9	$ 2,886.2	$ 5,838.1
Intersegment Revenue	12.5	0.9	13.4
Total Operating Revenue	**$ 2,964.4**	**$ 2,887.1**	**$ 5,851.5**
Cost of energy	978.4	1,132.1	2,110.5
O&M	791.3	740.4	1,531.7
Depreciation	329.4	449.4	778.8
Total other taxes	184.2	72.1	256.3
Other segment items[1]	(103.9)	—	(103.9)
Operating Income	**$ 785.0**	**$ 493.1**	**$ 1,278.1**
Capital Expenditures[2]	**$ 1,237.9**	**$ 1,018.9**	**$ 2,256.8**
Assets	**$ 13,059.4**	**$ 11,759.9**	**$ 24,819.3**

[1]Other segment items consists of proceeds from a property insurance settlement related to the Greater Lawrence Incident and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2]Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

To reconcile the segment tables above to consolidated NiSource:

Year Ended December 31, 2024 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,468.0	$ 581.9	$ (594.8)	$ 5,455.1
Operating Income	1,448.5	7.0	—	1,455.5
Capital Expenditures	3,461.4	231.1	—	3,692.5
Assets	30,593.0	1,195.1	—	31,788.1

Year Ended December 31, 2023 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,517.7	$ 504.6	$ (516.9)	$ 5,505.4
Operating Income	1,280.0	15.5	—	1,295.5
Capital Expenditures	2,454.4	236.3	—	2,690.7
Assets	27,627.1	3,450.1	—	31,077.2

Year Ended December 31, 2022 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,851.5	$ 477.5	$ (478.4)	$ 5,850.6
Operating Income (Loss)	1,278.1	(12.3)	—	1,265.8
Capital Expenditures	2,256.8	41.2	—	2,298.0
Assets	24,819.3	1,917.3	—	26,736.6

~~XML 52 R34.htm IDEA: XBRL DOCUMENT~~

Other, Net

12 Months Ended
Dec. 31, 2024

Other Nonoperating Income (Expense) [Abstract]

Other, Net

Year Ended December 31, *(in millions)*	2024	2023	2022
Interest income	**$ 10.4**	$ 9.0	$ 4.3
AFUDC equity	**75.1**	25.2	15.1
Charitable contributions	**(5.4)**	(1.8)	(4.4)
Pension and other postretirement non-service cost[1]	**(13.5)**	(24.0)	27.6
Interest rate swap settlement gain	**—**	—	10.0
Miscellaneous	**(2.1)**	(0.4)	(0.4)
Total Other, net	**$ 64.5**	$ 8.0	$ 52.2

[1] See Note 16, "Pension and Other Postemployment Benefits," for additional information.

~~*XML 53 R35.htm IDEA: XBRL DOCUMENT*~~

Interest Expense, Net

12 Months Ended
Dec. 31, 2024

Interest Expense, Operating and Nonoperating [Abstract]

Interest Expense, Net

The following table displays the components of Interest Expense, Net included on the Statements of Consolidated Income:

Year Ended December 31, *(in millions)*	2024	2023	2022
Interest on long-term debt	**$ 506.2**	$ 404.1	$ 344.5
Interest on short-term borrowings	**43.2**	108.9	22.7
Debt discount/cost amortization	**13.8**	13.5	11.7
Accounts receivable securitization fees	**1.5**	2.7	2.5
Allowance for borrowed funds used and interest capitalized during construction	**(40.1)**	(25.3)	(6.7)
Debt-based post-in-service carrying charges	**(26.4)**	(30.7)	(21.1)
Other	**19.0**	16.4	8.0
Total Interest Expense, net	**$ 517.2**	$ 489.6	$ 361.6

~~*XML 54 R36.htm IDEA: XBRL DOCUMENT*~~

Supplemental Cash Flow Information

12 Months Ended
Dec. 31, 2024

Supplemental Cash Flow Information [Abstract]

Supplemental Cash Flow Information

The following table provides additional information regarding our Consolidated Statements of Cash Flows for the years ended December 31, 2024, 2023 and 2022:

Year Ended December 31, *(in millions)*	2024	2023	2022
Supplemental Disclosures of Cash Flow Information			
Non-cash transactions:			
Capital expenditures included in current liabilities	**$ 367.0**	$ 315.0	$ 275.1
Assets acquired under a finance lease	**65.9**	64.5	19.3
Assets acquired under an operating lease	**12.2**	5.6	8.8
Assets recorded for asset retirement obligations[1]	**277.4**	61.1	6.3
Purchase contract liability, net of fees and payments[2]	**—**	—	65.0
Schedule of interest and income taxes paid:			
Cash paid for interest on debt, net of interest capitalized amounts	**$ 468.2**	$ 433.9	$ 343.8
Cash paid for interest on finance leases	**11.2**	8.6	8.5
Cash paid for income taxes, net of refunds	**4.3**	9.4	7.2

[1]See Note 11, "Asset Retirement Obligations," for additional information.
[2]Refer to Note 6, "Equity," for additional information.

~~*XML 55 R37.htm IDEA: XBRL DOCUMENT*~~

Pay vs Performance Disclosure - USD ($) $ in Millions

12 Months Ended

	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Pay vs Performance Disclosure			
Net Income (Loss) Attributable to NiSource	$ 760.4	$ 714.3	$ 804.1

~~*XML 56 R38.htm IDEA: XBRL DOCUMENT*~~

Insider Trading Arrangements

12 Months Ended
Dec. 31, 2024
shares

Trading Arrangements, by Individual

Material Terms of Trading Arrangement

The following table describes any contracts, instructions or written plans for the sale or purchase of NiSource securities and intended to satisfy the affirmative defense conditions of Rule 10b5-1(c) of the Exchange Act that were adopted by our directors and executive officers during the year ended December 31, 2024:

Name and Title	Date of Adoption of Rule 10b-5-1 Trading Plan	Scheduled Expiration Date of Rule 10b5-1 Trading Plan[1]	Aggregate Number of Securities to Be Purchased or Sold
Shawn Anderson Executive Vice President, Chief Financial Officer	11/1/2024	5/30/2025	Sale of up to 12,900 shares of common stock in multiple transactions
Michael Jesanis Director	11/11/2024	5/16/2025	Sale of up to 10,092 shares of common stock in multiple transactions

[1]A trading plan may also expire on such earlier date that all transactions under the trading plan are completed.

Non-Rule 10b5-1 Arrangement Adopted	false
Rule 10b5-1 Arrangement Terminated	false
Non-Rule 10b5-1 Arrangement Terminated	false
Shawn Anderson [Member]	
Trading Arrangements, by Individual	
Name	Shawn Anderson
Title	Executive Vice President, Chief Financial Officer
Rule 10b5-1 Arrangement Adopted	true
Adoption Date	11/1/2024
Expiration Date	5/30/2025
Arrangement Duration	210 days
Aggregate Available	12,900
Michael Jesanis [Member]	
Trading Arrangements, by Individual	
Name	Michael Jesanis
Title	Director
Rule 10b5-1 Arrangement Adopted	true
Adoption Date	11/11/2024
Expiration Date	5/16/2025
Arrangement Duration	196 days
Aggregate Available	10,092

~~*XML 57 R39.htm IDEA: XBRL DOCUMENT*~~

Insider Trading Policies and Procedures

12 Months Ended
Dec. 31, 2024

Insider Trading Policies and Procedures [Line Items]

Insider Trading Policies and Procedures Adopted	true

~~*XML 58 R40.htm IDEA: XBRL DOCUMENT*~~

Cybersecurity Risk Management and Strategy Disclosure

12 Months Ended
Dec. 31, 2024

Cybersecurity Risk Management, Strategy, and Governance [Line Items]

Cybersecurity Risk Management Processes for Assessing,

NiSource has implemented and maintains a comprehensive cybersecurity program that includes a variety of security controls and measures designed to identify, assess, and manage material cybersecurity risks. The program is a part of NiSource's enterprise risk management strategy. The enterprise risk team and the Risk Management Committee review material risks to any NiSource operating company based on perspectives from external experts, peer surveys, and the potential impact to NiSource's enterprise assets and strategic objectives.

Identifying, and Managing Threats [Text Block]	Risk events are classified based on both the timing of impact and NiSource's ability to preventatively mitigate the risk. For the cybersecurity risks that can be preventively mitigated, the enterprise risk team gathers quarterly updates on mitigation gap closure from risk owners. The Risk Management Committee reviews any mitigation gaps identified by risk owners and approves or rejects the pace of mitigation activities as a statement of risk tolerance and then directs that mitigation activities be included in budgets and the business plan as appropriate. The NiSource cybersecurity program includes the following key components: ***Risk assessment.*** NiSource regularly assesses its cybersecurity risks to identify and prioritize the most significant threats. The risk assessment process considers a variety of factors, including those specific to the utility/energy industry, the types of data NiSource collects and stores, and the threats posed by known vulnerabilities. NiSource engages third parties to perform independent assessments of its cybersecurity program, provide intelligence about the threat environment, and to provide operational assistance in managing the program. Annually, a third-party independent assessment is performed to evaluate NiSource cybersecurity maturity against a framework of cybersecurity controls. NiSource also performs bi-annual penetration testing and social engineering assessments performed by a third-party. ***Third-party risk management.*** NiSource performs cyber assessments periodically on third-party vendors and service providers with whom NiSource shares data, relies on for critical business functions, or provides access to the NiSource network or systems. NiSource's Supply Chain function works with the Legal and Cyber functions to periodically update cybersecurity contractual provisions in its vendor agreements, with deviations from such provisions requiring approval from the Legal and Cyber functions. NiSource's Supplier Code of Business Conduct requires, among other things, that suppliers ensure safe and secure use of information assets, comply with applicable law relating to personal information, and adhering to standards relative to the use and protection of Company information, including that of our employees, customers, vendors and other stakeholders. In addition, all vendors and contractors that have access and/or connectivity to the NiSource environment must complete cybersecurity training annually. ***Security controls.*** NiSource has implemented a variety of security controls to mitigate cybersecurity risks. These controls include technical controls, such as firewalls and intrusion detection systems, as well as administrative controls, such as employee training and security awareness programs. To ensure cybersecurity controls, NiSource OT within the electric business adheres to the NERC CIP. Within the natural gas business, cybersecurity controls are managed and monitored based on the TSA Security Directives. ***Incident response.*** NiSource has a comprehensive incident response plan in place to respond to cybersecurity incidents. The plan includes steps for detection, analysis, containment, eradication, and recovery from incidents, as well as steps for notifying affected individuals and regulators.
Cybersecurity Risk Management Processes Integrated [Flag]	true
Cybersecurity Risk Management Processes Integrated [Text Block]	NiSource has implemented and maintains a comprehensive cybersecurity program that includes a variety of security controls and measures designed to identify, assess, and manage material cybersecurity risks. The program is a part of NiSource's enterprise risk management strategy. The enterprise risk team and the Risk Management Committee review material risks to any NiSource operating company based on perspectives from external experts, peer surveys, and the potential impact to NiSource's enterprise assets and strategic objectives.
Cybersecurity Risk Management Third Party Engaged [Flag]	true
Cybersecurity Risk Third Party Oversight and Identification Processes [Flag]	true
Cybersecurity Risk Materially Affected or Reasonably Likely to Materially Affect Registrant [Flag]	false
Cybersecurity Risk Board of Directors Oversight [Text Block]	The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSource's cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings. At the management level, the CISO leads the cybersecurity program and is responsible for assessing and managing cybersecurity risks. Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents. As of the date of filing this Annual Report on Form 10-K, NiSource is not aware of any material cybersecurity incidents during the past year. NiSource monitors the increasing sophistication of cybersecurity threats and continues to allocate resources to enhance its cybersecurity program to protect its information systems and assets. No cybersecurity program is effective to identify and mitigate all threats and NiSource cannot guarantee that it will be able to prevent all cybersecurity incidents. Such an incident could interrupt our normal operations and require us to incur significant costs to remediate any such incident and could have a material impact on our businesses, operations and financial condition. For more information regarding the risks associated with cybersecurity, refer to "Item 1A. Risk Factors" of this Annual Report on Form 10-K.
Cybersecurity Risk Board Committee or Subcommittee Responsible for Oversight [Text Block]	The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSource's cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings
Cybersecurity Risk Process for Informing Board Committee or Subcommittee Responsible for Oversight [Text Block]	The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSource's cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings.
Cybersecurity Risk Role of Management [Text Block]	At the management level, the CISO leads the cybersecurity program and is responsible for assessing and managing cybersecurity risks. Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents.
Cybersecurity Risk Management Positions or Committees Responsible [Flag]	true
Cybersecurity Risk Management Positions or Committees Responsible [Text Block]	The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSource's cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings. At the management level, the CISO leads the cybersecurity program and is responsible for assessing and managing cybersecurity risks. Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents.
Cybersecurity Risk Management Expertise of Management Responsible [Text Block]	Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents.
Cybersecurity Risk Process for Informing Management or Committees Responsible [Text Block]	The NiSource Board of Directors' Audit Committee has responsibility for oversight of the cybersecurity program and risks from cybersecurity threats. The Audit Committee regularly reviews NiSource's cybersecurity posture. The CISO briefs the Audit Committee on cybersecurity risks and risk mitigation initiatives and actions. In addition, the Board of Directors remains informed of key and emerging cybersecurity risks and receives updates by the Audit Committee after each of its regularly scheduled meetings. At the management level, the CISO leads the cybersecurity program and is responsible for assessing and managing cybersecurity risks. Our CISO has expertise and experience in cybersecurity derived from over 15 years of cyber related work experience and possesses several certifications including CISSP, CRISC, and CISA. The CISO is supported by the NiSource Enterprise Security team which performs the cybersecurity function and engages directly on the prevention, detection, mitigation, and remediation of cybersecurity incidents.
Cybersecurity Risk Management Positions or Committees Responsible Report to Board [Flag]	true

~~XML 59 R41.htm IDEA: XBRL DOCUMENT~~

Nature of Operations And Summary of Significant Accounting Policies (Policy)	**12 Months Ended** **Dec. 31, 2024**
Organization, Consolidation and Presentation of Financial Statements [Abstract]	
Company Structure And Principles Of Consolidation	Company Structure and Principles of Consolidation. We are an energy holding company incorporated in Delaware and headquartered in Merrillville, Indiana. Our subsidiaries are fully regulated natural gas and electric utility companies serving approximately 3.8 million customers in six states. We generate substantially all of our operating income through these rate-regulated businesses. The consolidated financial statements include the accounts of us, our majority-owned subsidiaries, and VIEs of which we are the primary beneficiary after the elimination of all intercompany accounts and transactions.
Use Of Estimates	Use of Estimates. The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.
Cash, Cash Equivalents, And Restricted Cash	Cash, Cash Equivalents and Restricted Cash. We consider all highly liquid investments with original maturities of three months or less to be cash equivalents. We report amounts deposited in brokerage accounts for margin requirements as restricted cash. In addition, we have amounts deposited in trusts to satisfy requirements for the provision of various property, liability, workers compensation, and long-term disability insurance, and holdbacks related to certain joint venture development agreements which is classified as restricted cash on the Consolidated Balance Sheets and disclosed with cash and cash equivalents on the Statements of Consolidated Cash Flows.
Accounts Receivable	Accounts Receivable and Unbilled Revenue. Accounts receivable on the Consolidated Balance Sheets includes both billed and unbilled amounts. Unbilled amounts of

And Unbilled Revenue	accounts receivable relate to a portion of a customer's consumption of gas or electricity from their last cycle billing date through the last day of the month (balance sheet date). Factors taken into consideration when estimating unbilled revenue include historical usage, customer rates, weather and reasonable and supportable forecasts. Accounts receivable fluctuates from year to year depending in large part on weather impacts and price volatility. Our accounts receivable on the Consolidated Balance Sheets include unbilled revenue, less reserves. The reserve for uncollectible receivables is our best estimate of the amount of probable credit losses in the existing accounts receivable. We determined the reserve based on historical collection experience, current market conditions and reasonable and supportable forecasts. Account balances are charged against the allowance when it is anticipated the receivable will not be recovered. Refer to Note 3, "Revenue Recognition," for additional information on customer-related accounts receivable, including amounts related to unbilled revenues.
Investments In Debt And Equity Securities	Investments in Debt Securities. Our investments in debt securities are carried at fair value and are designated as available-for-sale. These investments are included within "Available-for-sale debt securities" on the Consolidated Balance Sheets. Unrealized gains and losses, net of deferred income taxes, are recorded to accumulated other comprehensive income or loss. At each reporting period these investments are qualitatively and quantitatively assessed to determine whether a decline in fair value below the amortized cost basis has resulted from a credit loss or other factors. Impairments related to credit loss are recorded through an allowance for credit losses. Impairments that are not related to credit losses are included in other comprehensive income and are reflected in the Statements of Consolidated Income. No material impairment charges were recorded for the years ended December 31, 2024, 2023 or 2022. Refer to Note 14, "Fair Value," for additional information.
Basis Of Accounting For Rate-Regulated Subsidiaries	Basis of Accounting for Rate-Regulated Subsidiaries. Rate-regulated subsidiaries account for and report assets and liabilities consistent with the economic effect of the way in which regulators establish rates, if the rates established are designed to recover the costs of providing the regulated service and it is probable that such rates can be billed and collected. Certain expenses and credits subject to utility regulation or rate determination that would normally be reflected in income for non-regulated entities are deferred on the Consolidated Balance Sheets and are later recognized in income as the related amounts are included in customer rates and recovered from or refunded to customers. We continually evaluate whether or not our operations are within the scope of ASC 980 and rate regulations. As part of that analysis, we evaluate probability of recovery for our regulatory assets. In management's opinion, our regulated subsidiaries will be subject to regulatory accounting for the foreseeable future. Refer to Note 12, "Regulatory Matters," for additional information.
Utility Plant And Other Property And Related Depreciation And Maintenance	Plant and Other Property and Related Depreciation and Maintenance. Property, plant and equipment (principally utility plant) is stated at cost. Our rate-regulated subsidiaries record depreciation using composite rates on a straight-line basis over the remaining service lives of the electric, gas and common properties, as approved by the appropriate regulators. Non-utility property, consisting of renewable generation assets owned by JVs of which we are the primary beneficiary and certain retired regulatory assets described below, is generally depreciated over the life of the associated assets. Refer to Note 9, "Property, Plant and Equipment," for additional information related to depreciation expense. For rate-regulated companies where provided for in rates, AFUDC is capitalized on all classes of property except organization costs, land, autos, office equipment, tools and other general property purchases. The allowance is applied to construction costs for that period of time between the date of the expenditure and the date on which such project is placed in service. Our consolidated pre-tax rate for AFUDC was 4.8% in 2024, 3.9% in 2023 and 3.4% in 2022. Generally, our subsidiaries follow the practice of charging maintenance and repairs, including the cost of removal of minor items of property, to expense as incurred. When our subsidiaries retire regulated property, plant and equipment, original cost plus the cost of retirement, less salvage value, is charged to accumulated depreciation. However, when it becomes probable a regulated asset will be retired substantially in advance of its original expected useful life or is abandoned, the cost of the asset and the corresponding accumulated depreciation is recognized as a separate asset. If the asset is still in operation, the gross amounts are classified as "Non-Utility and Other " as described in Note 9, "Property, Plant and Equipment." If the asset is no longer operating but still subject to recovery, the net amount is classified in "Regulatory assets" on the Consolidated Balance Sheets. If we are able to recover a full return of and on investment, the carrying value of the asset is based on historical cost. If we are not able to recover a full return on investment, a loss on impairment is recognized to the extent the net book value of the asset exceeds the present value of future revenues discounted at the incremental borrowing rate. External and internal costs associated with on-premise computer software developed for internal use are capitalized. Capitalization of such costs commences upon the completion of the preliminary stage of each project. Once the installed software is ready for its intended use, such capitalized costs are amortized on a straight-line basis generally over a period of five years. External and internal up-front implementation costs associated with cloud computing arrangements that are service contracts are deferred on the Consolidated Balance Sheets, with the associated internal-use software capitalized to plant if the we have a contractual right to take possession of the software at any time during the hosting period without significant penalty and it is feasible for us to either run the software on our own hardware or contract with another party unrelated to the vendor to host the software. Once the installed software is ready for its intended use, such deferred costs are amortized on a straight-line basis to "Operation and maintenance," over the minimum term of the contract plus contractually-provided renewal periods that are reasonably expected to be exercised.
Goodwill And Other Intangible Assets	Goodwill and Other Intangible Assets. Substantially all of our goodwill relates to the excess of cost over the fair value of the net assets acquired in the Columbia acquisition on November 1, 2000. We test our goodwill for impairment annually as of May 1, or more frequently if events and circumstances indicate that goodwill might be impaired. Fair value of our reporting units is determined using a combination of income and market approaches. See Note 10, "Goodwill," for additional information.
Accounts Receivable Transfer Program	Accounts Receivable Transfer Programs. Certain of our subsidiaries have agreements with third parties to transfer certain accounts receivable without recourse. These transfers of accounts receivable are accounted for as secured borrowings. The entire gross receivables balance remains on the December 31, 2024 and 2023 Consolidated Balance Sheets. When amounts are securitized, the short-term debt is recorded in the amount of proceeds received from the transferees involved in the transactions. Refer to Note 7, "Short-Term Borrowings," for further information.
Fuel Adjustment Clause	Gas Cost and Fuel Adjustment Clause. Our regulated subsidiaries defer most differences between gas and fuel purchase costs and the recovery of such costs in revenues and adjust future billings for such deferrals on a basis consistent with applicable state-approved tariff provisions. These deferred balances are recorded as "Regulatory assets" or "Regulatory liabilities," as appropriate, on the Consolidated Balance Sheets. Refer to Note 12, "Regulatory Matters," for additional information.
Gas Inventory	Gas Storage and Other Inventories. Both the LIFO inventory methodology and the weighted average cost methodology are used to value natural gas in storage, as approved by regulators for all of our regulated subsidiaries. Inventory valued using LIFO was $43.8 million and $43.9 million at December 31, 2024 and 2023, respectively. Based on the average cost of gas using the LIFO method, the estimated replacement cost of gas in storage was less than the stated LIFO cost by $12.8 million at December 31, 2024 and was less than the stated LIFO cost by $22.5 million at December 31, 2023. As all LIFO inventory costs are collected from customers through our rate-regulated subsidiaries, no inventory impairment has been recorded. Gas inventory valued using the weighted average cost methodology was $135.8 million at December 31, 2024 and $222.0 million at December 31, 2023. Electric production fuel is valued using the weighted average cost inventory methodology, as approved by NIPSCO's regulator. Materials and supplies are valued using the weighted average cost inventory methodology. Materials and supplies are charged to expense or capitalized to property, plant and equipment when issued.
Accounting For Exchange And Balancing Arrangements Of Natural Gas	Accounting for Exchange and Balancing Arrangements of Natural Gas. Our Columbia Operations and NIPSCO Operations segment enters into balancing and exchange arrangements of natural gas as part of its operations and off-system sales programs. We record a receivable or payable for any of our respective cumulative gas imbalances, as well as for any gas inventory borrowed or lent under an exchange agreement. Exchange gas is valued based on individual regulatory jurisdiction requirements (for example, historical spot rate, spot at the beginning of the month). These receivables and payables are recorded as "Exchange gas receivable" or "Exchange gas payable" on our Consolidated Balance Sheets, as appropriate.
Accounting For Risk Management Activities	Accounting for Risk Management Activities. We account for our derivatives and hedging activities in accordance with ASC 815. We recognize all derivatives as either assets or liabilities on the Consolidated Balance Sheets at fair value, unless such contracts are exempted as a normal purchase normal sale under the provisions of the standard. The accounting for changes in the fair value of a derivative depends on the intended use of the derivative and resulting designation. We do not offset the fair value amounts recognized for any of our derivative instruments against the fair value amounts recognized for the right to reclaim cash collateral or obligation to return cash collateral for derivative instruments executed with the same counterparty under a master netting arrangement. See Note 13, "Risk Management Activities," for additional information.
Income Taxes And Investment Tax Credits	Income Taxes and Investment Tax Credits. Under the asset and liability method, deferred income taxes are provided for the tax consequences of temporary differences by applying enacted statutory tax rates applicable to future years to differences between the financial statement carrying amount and the tax basis of existing assets and liabilities. Investment tax credits associated with regulated operations are deferred and amortized as a reduction to income tax expense over the estimated useful lives of the related properties. Furthermore, the tax basis of the asset is reduced by 50% of the ITCs received, resulting in a net deferred tax asset. To the extent certain deferred income taxes of the regulated companies are recoverable or payable through future rates, regulatory assets and liabilities have been established. Regulatory assets for income taxes are primarily attributable to property-related tax timing differences for which deferred taxes had not been provided in the past when regulators did not recognize such taxes as costs in the rate-making process. Regulatory liabilities for income taxes are primarily attributable to the regulated companies' obligation to refund to ratepayers deferred income taxes provided at rates higher than the current Federal income tax rate. Such property-related amounts are credited to ratepayers using either the average rate assumption method or the reverse South Georgia method. Non property-related amounts are credited to ratepayers consistent with state utility commission direction. Pursuant to the Internal Revenue Code and relevant state taxing authorities, we and our subsidiaries file consolidated income tax returns for federal and certain state jurisdictions. We and our subsidiaries are parties to a tax sharing agreement. Income taxes recorded by each party represent amounts that would be owed had the party been separately subject to tax.
Environmental Expenditures	Environmental Expenditures. We accrue for costs associated with environmental remediation obligations, including expenditures related to asset retirement obligations and cost of removal, when the incurrence of such costs is probable and the amounts can be reasonably estimated, regardless of when the expenditures are actually made. The estimated future expenditures are based on currently enacted laws and regulations, existing technology and estimated site-specific costs where assumptions may be made about the nature and extent of site contamination, the extent of cleanup efforts, costs of alternative cleanup methods and other variables. The liability is adjusted as further information is discovered or circumstances change. The accruals for estimated environmental expenditures are recorded on the Consolidated Balance Sheets in "Other accruals" for short-term portions of these liabilities and "Other noncurrent liabilities and deferred credits" for the respective long-term portions of these liabilities. Rate-regulated subsidiaries applying regulatory accounting establish regulatory assets on the Consolidated Balance Sheets to the extent that future recovery of environmental remediation costs is probable through the regulatory process. Refer to Note 11, "Asset Retirement Obligations," and Note 19, "Other Commitments and Contingencies," for further information.
Excise Taxes	Excise Taxes. As an agent for some state and local governments, we invoice and collect certain excise taxes levied by state and local governments on customers and record these amounts as liabilities payable to the applicable taxing jurisdiction. Such balances are presented within "Other accruals" on the Consolidated Balance Sheets. These types of taxes collected from customers, comprised largely of sales taxes, are presented on a net basis affecting neither revenues nor cost of sales. We account for excise taxes for which we are liable by recording a liability for the expected tax with a corresponding charge to "Other taxes" expense on the Statements of Consolidated Income.
Accrued Insurance Liabilities	Accrued Insurance Liabilities. We accrue for insurance costs related to workers compensation, automobile, property, general and employment practices liabilities based on the most probable value of each claim. In general, claim values are determined by professional, licensed loss adjusters who consider the facts of the claim, anticipated indemnification and legal expenses, and respective state rules. Claims are reviewed by us at least quarterly and an adjustment is made to the accrual based on the most current information.
Pension Remeasurement	Pension Remeasurement. We utilize a third-party actuary for the purpose of performing actuarial valuations of our defined benefit plans. Annually, as of December 31, we perform a remeasurement for our defined benefit plans. Quarterly, we monitor for significant events, and if a significant event is identified, we perform a qualitative and quantitative assessment to determine if the resulting remeasurement would materially impact the NiSource financial statements. If material, an interim remeasurement is performed. See Note 16, "Pension and Other Postemployment Benefits," for additional information.
VIEs and Allocation of Earnings	. We maintain a controlling financial interest in certain of our less than wholly owned subsidiaries. We consolidate these subsidiaries as either voting interest entities or VIEs and present the third-party investors' portion of our net income (loss), net assets and comprehensive income (loss) as noncontrolling interest. Noncontrolling interest is included as a component of equity on the Consolidated Balance Sheet. On December 31, 2023, the NIPSCO Minority Interest Transaction closed and a 19.9% equity interest in NIPSCO Holdings II, the sole owner of NIPSCO, was issued to an affiliate of Blackstone. NIPSCO Holdings II does not meet the criteria of a VIE and instead is consolidated under the voting interest model in accordance with ASC 810 as we maintain control through a majority interest in NIPSCO Holdings II. Refer to Note 4, "Noncontrolling Interests," for further discussion on the NIPSCO Minority Interest Transaction. We fund a portion of our renewable generation assets through JVs with tax equity partners. We consolidate these JVs in accordance with ASC 810 as they are VIEs in which we hold a variable interest, and we control decisions that are significant to the JVs' ongoing operations and economic results (i.e., we are the primary beneficiary). These JVs are subject to profit sharing arrangements in which the allocation of the JVs' cash distributions and tax benefits to members is based on factors other than members' relative ownership percentages. As such, we utilize the HLBV method to allocate proceeds to each partner at the balance sheet date based on the liquidation provisions of the related JV's operating agreement and adjust the amount of the VIE's net income attributable to us and the noncontrolling tax equity member during the period. In each reporting period, the application of HLBV to our consolidated VIEs results in a difference between the amount of profit from the consolidated JVs and the amount included in regulated rates. As discussed above in "F. Basis of Accounting for Rate-Regulated Subsidiaries," we are subject to the accounting and reporting requirements of ASC 980. In accordance with these principles, we recognize a regulatory liability or asset for amounts representing the timing difference between the profit earned from the JVs and the amount included in regulated rates to recover our approved investments in consolidated JVs. The amounts recorded in income will ultimately reflect the amount allowed in regulated rates to recover our investments over the useful life of the projects. The offset to the regulatory liability or asset associated with our renewable investments included in regulated rates is recorded in "Depreciation expense" on the Statements of Consolidated Income.

Revenue Recognition (Tables)	**12 Months Ended Dec. 31, 2024**
Revenue from Contract with Customer [Abstract]	

Disaggregation of Revenue

The tables below reconcile revenue disaggregation by customer class to segment revenue, as well as to revenues reflected on the Statements of Consolidated Income:

Year Ended December 31, 2024 (in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,833.8	$ 531.4	$ —	$ 2,365.2
Commercial	580.3	199.2	—	779.5
Industrial	144.2	79.0	—	223.2
Off-system	42.6	—	—	42.6
Wholesale	1.2	—	—	1.2
Miscellaneous[1]	26.3	15.4	—	41.7
Subtotal	$ 2,628.4	$ 825.0	$ —	$ 3,453.4
Electric Generation and Power Delivery				
Residential	$ —	$ 649.9	$ —	$ 649.9
Commercial	—	620.4	—	620.4
Industrial	—	499.1	—	499.1
Wholesale	—	38.3	—	38.3
Public Authority	—	8.1	—	8.1
Miscellaneous[1]	—	13.7	—	13.7
Subtotal	$ —	$ 1,829.5	$ —	$ 1,829.5
Total Customer Revenues[2]	2,628.4	2,654.5	—	5,282.9
Other Revenues[3]	74.8	96.5	0.9	172.2
Total Operating Revenues	$ 2,703.2	$ 2,751.0	$ 0.9	$ 5,455.1

[1]Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue refunds, public repairs and property rentals.
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily relate to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily relate to weather normalization adjustment mechanisms, MISO multi-value projects and revenue from non-jurisdictional transmission assets.

Year Ended December 31, 2023 *(in millions)*	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,827.5	$ 635.0	$ —	$ 2,462.5
Commercial	598.9	249.0	—	847.9
Industrial	139.0	87.0	—	226.0
Off-system	60.6	—	—	60.6
Wholesale	1.6	—	—	1.6
Miscellaneous[1]	33.4	14.8	—	48.2
Subtotal	2,661.0	985.8	—	3,646.8
Electric Generation and Power Delivery				
Residential	—	583.9	—	583.9
Commercial	—	578.1	—	578.1
Industrial	—	474.1	—	474.1
Wholesale	—	32.0	—	32.0
Public Authority	—	11.5	—	11.5
Miscellaneous[1]	—	21.4	—	21.4
Subtotal	—	1,701.0	—	1,701.0
Total Customer Revenues[2]	$ 2,661.0	$ 2,686.8	$ —	$ 5,347.8
Other Revenues[3]	72.9	83.9	0.8	157.6
Total Operating Revenues	$ 2,733.9	$ 2,770.7	$ 0.8	$ 5,505.4

[1]Amounts included in Columbia Operations are primarily related to earnings sharing mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to late fees, property rentals, revenue refunds, and adjustments.
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets.

Year Ended December 31, 2022 *(in millions)*	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Gas Distribution				
Residential	$ 1,918.2	$ 691.5	$ —	$ 2,609.7
Commercial	672.2	267.4	—	939.6
Industrial	135.5	85.1	—	220.6
Off-system	192.9	—	—	192.9
Wholesale	2.1	—	—	2.1
Miscellaneous[1]	27.3	10.9	—	38.2
Subtotal	$ 2,948.2	$ 1,054.9	$ —	$ 4,003.1
Electric Generation and Power Delivery				
Residential	$ —	$ 592.4	$ —	$ 592.4
Commercial	—	571.0	—	571.0
Industrial	—	560.6	—	560.6
Wholesale	—	13.5	—	13.5
Public Authority	—	12.1	—	12.1
Miscellaneous[1]	—	(14.1)	—	(14.1)
Subtotal	$ —	$ 1,735.5	$ —	$ 1,735.5
Total Customer Revenues[2]	$ 2,948.2	$ 2,790.4	$ —	$ 5,738.6
Other Revenues[3]	3.7	95.8	12.5	112.0
Total Operating Revenues	$ 2,951.9	$ 2,886.2	$ 12.5	$ 5,850.6

[1]Amounts included in Columbia Operations are primarily related to earnings share mechanisms and late fees. Amounts included in NIPSCO Operations are primarily related to revenue trackers, late fees and property rentals.2.1
[2]Customer revenue amounts exclude intersegment revenues. See Note 21, "Business Segment Information," for discussion of intersegment revenues.
[3]Amounts included in Columbia Operations primarily related to weather normalization adjustment mechanisms. Amounts included in NIPSCO Operations primarily related to MISO multi-value projects and revenue from non-jurisdictional transmission assets. Amounts included in Corporate and Other primarily related to the Transition Services Agreement entered into in connection with the sale of the Massachusetts Business.

Customer Accounts Receivable

The opening and closing balances of customer receivables for the year ended December 31, 2024, are presented in the table below. We had no significant contract assets or liabilities during the period. Additionally, we have not incurred any significant costs to obtain or fulfill contracts.

(in millions)	Customer Accounts Receivable, Billed (less reserve)	Customer Accounts Receivable, Unbilled (less reserve)
Balance as of December 31, 2023	$ 479.4	$ 337.6
Balance as of December 31, 2024	525.1	408.1

Utility revenues are billed to customers monthly on a cycle basis. We expect that substantially all customer accounts receivable will be collected following customer billing, as this revenue consists primarily of periodic, tariff-based billings for service and usage. We maintain common utility credit risk mitigation practices, including requiring deposits and actively pursuing collection of past due amounts. Our regulated operations also utilize certain regulatory mechanisms that facilitate recovery of bad debt costs within tariff-based rates, which provides further evidence of collectibility. It is probable that substantially all of the consideration to which we are entitled from customers will be collected upon satisfaction of performance obligations.

Financing Receivable, Allowance for Credit Loss

A rollforward of our allowance for credit losses as of December 31, 2024 and December 31, 2023, are presented in the tables below:

(in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Balance as of January 1, 2024	$ 10.2	$ 11.9	$ 0.8	$ 22.9
Current period provisions	26.7	12.1	—	38.8
Write-offs charged against allowance	(43.9)	(11.0)	(0.8)	(55.7)
Recoveries of amounts previously written off	16.8	0.9	—	17.7
Balance as of December 31, 2024	$ 9.8	$ 13.9	$ —	$ 23.7

(in millions)	Columbia Operations	NIPSCO Operations	Corporate and Other	Total
Balance as of January 1, 2023	$ 11.1	$ 12.0	$ 0.8	$ 23.9
Current period provisions	28.3	11.5	—	39.8
Write-offs charged against allowance	(49.2)	(12.4)	—	(61.6)
Recoveries of amounts previously written off	20.0	0.8	—	20.8
Balance as of December 31, 2023	$ 10.2	$ 11.9	$ 0.8	$ 22.9

~~XML 61 R43.htm IDEA: XBRL DOCUMENT~~

Variable Interest Entities (Tables)

12 Months Ended
Dec. 31, 2024

Variable Interest Entities [Abstract]

Variable Interest Entities Assets and Liabilities

Our Consolidated Balance Sheets included the following assets and liabilities associated with VIEs.

(in millions)	December 31, 2024	December 31, 2023
Net Property, Plant and Equipment	**$ 1,323.8**	$ 1,369.8
Current assets	**65.0**	63.6
Total assets[1][2]	**1,388.8**	1,433.4
Current liabilities	**53.7**	68.3
Asset retirement obligations	**58.3**	55.7
Finance lease obligations	**40.4**	—
Total liabilities[1][2]	**$ 152.4**	$ 124.0

[1]The assets of each VIE represent assets of a consolidated VIE that can be used only to settle obligations of the respective consolidated VIE. The creditors of the liabilities of the VIEs do not have recourse to the general credit of the primary beneficiary.
[2]In addition to the amounts disclosed above there is a de minimis amount of other noncurrent assets and liabilities at Rosewater as of December 31, 2024.

~~XML 62 R44.htm IDEA: XBRL DOCUMENT~~

Earnings Per Share (Tables)

12 Months Ended
Dec. 31, 2024

Earnings Per Share [Abstract]

Schedule of Earnings Per Share, Basic and Diluted The following table presents the calculation of our basic and diluted EPS:

Year Ended December 31, *(in millions, except per share amounts)*	2024	2023	2022
Numerator:			
Net Income Available to Common Shareholders	**$ 739.7**	$ 661.7	$ 749.0
Less: Income allocated to participating securities	**1.6**	0.6	**—**
Net Income Available to Common Shareholders - Basic	**$ 738.1**	$ 661.1	$ 749.0
Add: Dilutive effect of Equity Units	**—**	1.4	2.0
Net Income Available to Common Shareholders - Diluted	**$ 738.1**	$ 662.5	$ 751.0
Denominator:			
Average common shares outstanding - Basic	**454.2**	416.1	407.1
Dilutive potential common shares:			
Equity Units purchase contracts	**—**	29.8	30.2
Equity Units purchase contract payment balance	**—**	0.9	3.2
Shares contingently issuable under employee stock plans	**0.9**	0.7	0.9
Shares restricted under employee stock plans	**0.3**	0.4	0.5
ATM Forward agreements	**0.6**	—	0.8
Average Common Shares - Diluted	**456.0**	447.9	442.7
Earnings per common share:			
Basic	**$ 1.63**	$ 1.59	$ 1.84
Diluted	**$ 1.62**	$ 1.48	$ 1.70

~~XML 63 R45.htm IDEA: XBRL DOCUMENT~~

Equity (Tables)

12 Months Ended
Dec. 31, 2024

Equity [Abstract]

Schedule of Stock by Class - Preferred

Equity Units. On December 1, 2023, we issued 33,898,837 shares of our common stock under the purchase contract component of the Corporate Units. As of December 1, 2023, each holder of Corporate Units was deemed to have automatically delivered to us the related Series C Mandatory Convertible Preferred Stock that were components of the Corporate Units in full satisfaction of such holder's obligations under the related purchase contract, and all 862,500 shares of Series C Mandatory Convertible Preferred Stock were returned to the status of authorized but unissued preferred stock, par value of $0.01 per share, without designation as to series. We voluntarily delisted the Corporate Units from the New York Stock Exchange on December 1, 2023.

Refer to Note 5, "Earnings Per Share," for additional information regarding our treatment of the Equity Units for diluted EPS.

On October 21, 2024, we filed a Certificate of Elimination to our Amended and Restated Certificate of Incorporation with the Secretary of State of the State of Delaware to eliminate from the Amended and Restated Certificate of Incorporation all matters set forth in the Certificate of Designations with respect to the Series C Mandatory Convertible Preferred Stock.

~~XML 64 R46.htm IDEA: XBRL DOCUMENT~~

Long-Term Debt (Tables)

12 Months Ended
Dec. 31, 2024

Long-Term Debt, Current and Noncurrent [Abstract]

Schedule of Long-Term Debt

Our long-term debt as of December 31, 2024 and 2023 is as follows:

Long-term debt type	Maturity as of December 31, 2024	Weighted average interest rate (%)	Outstanding balance as of December 31, *(in millions)* 2024	2023
Senior notes:				
NiSource	August 2025	0.950 %	**$ 1,250.0**	$ 1,250.0
NiSource	May 2027	3.490 %	**1,000.0**	1,000.0
NiSource	December 2027	6.780 %	**3.0**	3.0
NiSource	March 2028	5.250 %	**1,050.0**	1,050.0
NiSource	July 2029	5.200 %	**600.0**	—
NiSource	September 2029	2.950 %	**750.0**	750.0
NiSource	May 2030	3.600 %	**1,000.0**	1,000.0
NiSource	February 2031	1.700 %	**750.0**	750.0
NiSource	June 2033	5.400 %	**450.0**	450.0
NiSource	April 2034	5.350 %	**650.0**	—
NiSource	December 2040	6.250 %	**152.6**	152.6
NiSource	June 2041	5.950 %	**347.4**	347.4
NiSource	February 2042	5.800 %	**250.0**	250.0
NiSource	February 2043	5.250 %	**500.0**	500.0
NiSource	February 2044	4.800 %	**750.0**	750.0
NiSource	February 2045	5.650 %	**500.0**	500.0
NiSource	May 2047	4.375 %	**1,000.0**	1,000.0
NiSource	March 2048	3.950 %	**750.0**	750.0
NiSource	June 2052	5.000 %	**350.0**	350.0
Total senior notes			**$12,103.0**	$ 10,853.0
Junior subordinated notes:				
NiSource	November 2054	6.950 %	**500.0**	—
NiSource	March 2055	6.375 %	**500.0**	—
Total junior subordinated notes			**$ 1,000.0**	$ —
Medium term notes:				
NiSource	May 2027	7.990 %	**$ 29.0**	$ 29.0
NIPSCO	June 2027 to August 2027	7.644 %	**58.0**	58.0
Columbia of Massachusetts	December 2025 to February 2028	6.373 %	**15.0**	15.0
Total medium term notes			**$ 102.0**	$ 102.0
Finance leases:				
NiSource Corporate Services	January 2025 to September 2027	3.470 %	**$ 14.6**	$ 30.5
NIPSCO	December 2027 to November 2035	5.250 %	**124.3**	61.2
Columbia of Ohio	December 2025 to March 2044	6.150 %	**85.6**	90.3
Columbia of Virginia	July 2029 to November 2039	6.190 %	**15.2**	16.1
Columbia of Kentucky	May 2027	5.360 %	**0.1**	0.2
Columbia of Pennsylvania	July 2027 to May 2035	4.470 %	**6.4**	7.1
Total finance leases			**$ 246.2**	$ 205.4
Less: Unamortized issuance costs and discounts			**(95.5)**	(81.1)
Less: Current portion of long term debt			**(1,281.2)**	(23.8)
Total Long-Term Debt			**$12,074.5**	$ 11,055.5

~~XML 65 R47.htm IDEA: XBRL DOCUMENT~~

Property, Plant And Equipment (Tables)

12 Months Ended
Dec. 31, 2024

Property, Plant and Equipment [Abstract]

Schedule Of Property, Plant And Equipment

Our property, plant and equipment on the Consolidated Balance Sheets are classified as follows:

At December 31, *(in millions)*	2024	2023
Property, Plant and Equipment		
Gas Distribution Utility	**$ 20,007.2**	$ 18,154.5
Electric Utility	**8,666.8**	7,907.9
Corporate	**248.1**	274.2
Construction Work in Process	**2,084.7**	1,261.1
JV Renewable Generation Assets[1]	**1,434.2**	1,434.4
Non-Utility and Other	**1,711.9**	1,450.0
Total Property, Plant and Equipment	**$ 34,152.9**	$ 30,482.1
Accumulated Depreciation and Amortization		
Gas Distribution Utility	**$ (4,166.8)**	$ (3,924.4)
Electric Utility	**(2,707.8)**	(2,709.5)
Corporate	**(163.4)**	(174.2)
JV Renewable Generation Assets[1]	**(110.4)**	(64.5)
Non-Utility and Other	**(1,550.6)**	(1,334.6)
Total Accumulated Depreciation and Amortization	**$ (8,699.0)**	$ (8,207.2)
Net Property, Plant and Equipment	**$ 25,453.9**	$ 22,274.9

[1]These JV renewable generation assets owned and operated by JVs between NIPSCO and unrelated tax equity partners represent Non-Utility Property, are depreciated straight-line over 30 years and are part of our NIPSCO Operations segment. Refer to Note 4, "Noncontrolling Interests," for additional information.

Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost

The weighted average depreciation provisions for utility plant, as a percentage of the original cost, for the periods ended December 31, 2024, 2023 and 2022 were as follows:

	2024	2023	2022
NIPSCO Operations	**3.0 %**	3.0 %	2.7 %
Columbia Operations	**2.6 %**	2.5 %	2.4 %

~~XML 66 R48.htm IDEA: XBRL DOCUMENT~~

Asset Retirement Obligations (Tables)

12 Months Ended
Dec. 31, 2024

Asset Retirement Obligation [Abstract]

Changes In Liability For Asset Retirement Obligations

Changes in our liability for asset retirement obligations for the years 2024 and 2023 are presented in the table below:

(in millions)	2024	2023
Beginning Balance	**$ 553.0**	$ 513.5
Accretion recorded as a regulatory asset/liability	**25.3**	20.0
Additions	**189.9**	23.5
Settlements	**(72.5)**	(41.6)
Change in estimated cash flows	**87.5**	37.6
Ending Balance	**$ 783.2**	$ 553.0

~~XML 67 R49.htm IDEA: XBRL DOCUMENT~~

Regulatory Matters (Tables)

12 Months Ended Dec. 31, 2024

Regulatory Assets and Liabilities Disclosure [Abstract]

Regulatory Assets

Regulatory assets were comprised of the following items:

At December 31, *(in millions)*	2024	2023
Regulatory Assets		
Unrecognized pension and other postretirement benefit costs (see Note 16)	**$ 485.3**	$ 561.6
Deferred pension and other postretirement benefit costs (see Note 16)	**45.3**	59.7
Environmental costs (see Note 19-D.)	**42.8**	40.6
Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)	**172.0**	163.5
Under-recovered gas and fuel costs (see Note 1-J.)	**82.3**	12.7
Depreciation	**214.9**	201.9
Post-in-service carrying charges	**280.8**	269.9
Safety activity costs	**203.7**	206.6
DSM programs	**17.8**	25.0
Retired coal generating stations	**617.0**	682.0
Losses on commodity price risk programs (See Note 13)	**6.5**	24.4
Deferred property taxes	**75.9**	72.3
Renewable energy investments	**81.3**	60.8
WAM system filing	**21.5**	—
Customer assistance programs	**24.4**	—
Other	**105.8**	79.2
Total Regulatory Assets	**$ 2,477.3**	$ 2,460.2
Less: Current Portion	**319.9**	214.3
Total Noncurrent Regulatory Assets	**$ 2,157.4**	$ 2,245.9

Regulatory Liabilities

Regulatory liabilities were comprised of the following items:

At December 31, *(in millions)*	2024	2023
Regulatory Liabilities		
Over-recovered gas and fuel costs (see Note 1-J.)	**$ 21.4**	$ 144.5
Cost of removal (see Note 11)	**482.8**	597.2
Regulatory effects of accounting for income taxes (see Note 1-N. and Note 15)	**827.0**	849.9
Deferred pension and other postretirement benefit costs (see Note 16)	**40.4**	54.0
Gains on commodity price risk programs (See Note 13)	**28.7**	23.3
Customer assistance programs	**9.4**	19.8
Off-system sales sharing	**21.4**	19.0
Renewable energy investments (See Note 1-S. and Note 4)	**77.0**	18.1
Rate refunds	**16.6**	16.1
Other	**57.0**	47.4
Total Regulatory Liabilities	**$ 1,581.7**	$ 1,789.3
Less: Current Portion	**150.5**	278.6
Total Noncurrent Regulatory Liabilities	**$ 1,431.2**	$ 1,510.7

~~XML 68 R50.htm IDEA: XBRL DOCUMENT~~

Risk Management Activities (Tables)

12 Months Ended Dec. 31, 2024

Risk Management Activities [Abstract]

Schedule of Derivative Instruments in Statement of Financial Position, Fair Value

Risk management assets and liabilities on our derivatives are presented on the Consolidated Balance Sheets as shown below:

	December 31, 2024		December 31, 2023	
(in millions)	**Assets**	**Liabilities**	**Assets**	**Liabilities**
Current[1]				
Derivatives not designated as hedging instruments	**$ 9.1**	**$ 2.3**	$ 1.1	$ 7.5
Total	**$ 9.1**	**$ 2.3**	$ 1.1	$ 7.5
Noncurrent[2]				
Derivatives not designated as hedging instruments	**$ 17.9**	**$ 1.2**	$ 22.2	$ 1.9
Total	**$ 17.9**	**$ 1.2**	$ 22.2	$ 1.9

[1] Current assets and liabilities are presented in "Prepayments and other" and "Other accruals", respectively, on the Consolidated Balance Sheets.
[2] Noncurrent assets and liabilities are presented in "Deferred charges and other" and "Other noncurrent liabilities and deferred credits", respectively, on the Consolidated Balance Sheets.

~~XML 69 R51.htm IDEA: XBRL DOCUMENT~~

Fair Value (Tables)

12 Months Ended Dec. 31, 2024

Fair Value Disclosures [Abstract]

Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis

The following tables present financial assets and liabilities measured and recorded at fair value on our Consolidated Balance Sheets on a recurring basis and their level within the fair value hierarchy as of December 31, 2024 and December 31, 2023:

Recurring Fair Value Measurements December 31, 2024 *(in millions)*	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2024
Assets				
U.S. Treasury debt securities[1]	$ 80.1	$ —	$ —	$ 80.1
Risk management assets	—	27.0	—	27.0
Available-for-sale debt securities	—	86.7	—	86.7
Total	**$ 80.1**	**$ 113.7**	**$ —**	**$ 193.8**
Liabilities				
Risk management liabilities	$ —	$ 3.5	$ —	$ 3.5
Total	**$ —**	**$ 3.5**	**$ —**	**$ 3.5**

[1] Treasury bills are presented in "Cash and cash equivalents" and "Restricted cash" on the Consolidated Balance Sheets.

Recurring Fair Value Measurements December 31, 2023 *(in millions)*	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Balance as of December 31, 2023
Assets				
Risk management assets	$ —	$ 23.3	$ —	$ 23.3
Available-for-sale debt securities	—	159.1	—	159.1
Total	**$ —**	**$ 182.4**	**$ —**	**$ 182.4**
Liabilities				
Risk management liabilities	$ —	$ 9.4	$ —	$ 9.4
Total	**$ —**	**$ 9.4**	**$ —**	**$ 9.4**

Debt Securities, Available-for-sale

The amortized cost, gross unrealized gains and losses, allowance for credit losses, and fair value of available-for-sale securities at December 31, 2024 and 2023 were:

December 31, 2024 *(in millions)*	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses[1]	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
Corporate/Other debt securities	$ 91.9	$ 0.5	$ (5.6)	$ (0.1)	$ 86.7
Total	**$ 91.9**	**$ 0.5**	**$ (5.6)**	**$ (0.1)**	**$ 86.7**

December 31, 2023 *(in millions)*	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses[2]	Allowance for Credit Losses	Fair Value
Available-for-sale debt securities					
U.S. Treasury debt securities	$ 63.8	$ —	$ (3.2)	$ —	$ 60.6
Corporate/Other debt securities	105.2	0.8	(6.9)	(0.6)	98.5
Total	**$ 169.0**	**$ 0.8**	**$ (10.1)**	**$ (0.6)**	**$ 159.1**

[1] Fair value of Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $70.1 million at December 31, 2024.
[2] Fair value of U.S. Treasury debt securities and Corporate/Other debt securities in an unrealized loss position without an allowance for credit losses is $58.7 million and $74.8 million, respectively, at December 31, 2023.

Carrying Amount And Estimated Fair Values Of Financial Instruments

The carrying amount and estimated fair values of these financial instruments were as follows:

At December 31, *(in millions)*	Carrying Amount 2024	Estimated Fair Value 2024	Carrying Amount 2023	Estimated Fair Value 2023
Long-term debt (including current portion)	**$ 13,355.7**	**$ 12,505.2**	$ 11,079.3	$ 10,370.9

~~XML 70 R52.htm IDEA: XBRL DOCUMENT~~

Income Taxes (Tables)

12 Months Ended Dec. 31, 2024

Income Tax Disclosure [Abstract]

Schedule Of Components Of Income Tax Expense

The components of income tax expense (benefit) were as follows:

Year Ended December 31, *(in millions)*	2024	2023	2022
Income Taxes			
Current			
Federal	**$ (19.3)**	$ —	$ 0.4
State	**9.4**	5.3	7.3
Total Current (Benefit) Expense	**(9.9)**	5.3	7.7
Deferred			
Federal			
Taxes before operating loss carryforwards and investment credits	**105.9**	49.7	87.9
Tax utilization expense of operating loss carryforwards	**60.4**	65.1	93.1
Investment tax credits	**(0.1)**	(2.1)	—
State	**2.6**	22.5	(23.0)
Total Deferred Expense	**168.8**	135.2	158.0
Deferred Investment Tax Credits	**(0.8)**	(1.0)	(1.1)
Income Taxes from Continuing Operations	**$ 158.1**	$ 139.5	$ 164.6

In connection with the NIPSCO Minority Interest Transaction during 2023, NiSource recognized a $63.5 million income tax benefit in additional paid in capital related to 19.9% of NIPSCO's excess deferred income taxes attributable to Blackstone's noncontrolling interest. This benefit does not impact NIPSCO's regulatory books or the excess deferred taxes that will benefit customers through lower future rates in accordance with applicable regulatory orders. See Note 4, "Noncontrolling Interests," for further discussion of the NIPSCO Minority Interest Transaction.

Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes

The following table represents a reconciliation of income tax expense at the statutory federal income tax rate to the actual income tax expense from continuing operations:

Year Ended December 31, *(in millions)*	2024		2023		2022	
Book income before income taxes	**$ 1,002.8**		$ 813.9		$ 956.4	
Tax expense at statutory federal income tax rate	**210.6**	**21.0 %**	170.8	21.0 %	200.8	21.0 %
Increases (reductions) in taxes resulting from:						
State income taxes, net of federal income tax benefit	**11.7**	**1.2**	13.7	1.7	4.5	0.5
Amortization of regulatory liabilities	**(11.1)**	**(1.1)**	(38.2)	(4.7)	(38.5)	(4.0)
Employee stock ownership plan dividends and other compensation	**(1.3)**	**(0.1)**	(1.3)	(0.2)	(1.2)	(0.1)
Federal tax credits	**(23.3)**	**(2.3)**	(4.9)	(0.6)	(2.3)	(0.2)
Tax effect of non-controlling Interest	**(27.3)**	**(2.7)**	—	—	—	—
Other adjustments	**(1.2)**	**(0.2)**	(0.6)	(0.1)	1.3	—
Income Taxes	**$ 158.1**	**15.8 %**	$ 139.5	17.1 %	$ 164.6	17.2 %

Schedule Of Principal Components Of Net Deferred Tax Liability

Deferred income taxes result from temporary differences between the financial statement carrying amounts and the tax basis of existing assets and liabilities. The principal components of our net deferred tax liabilities were as follows:

At December 31, *(in millions)*	2024	2023
Deferred tax liabilities		
Accelerated depreciation and other property differences	**$ 1,419.4**	$ 1,384.8
Partnership basis differences	**1,328.6**	1,241.9
Other regulatory assets	**210.1**	212.1
Total Deferred Tax Liabilities	**2,958.1**	2,838.8
Deferred tax assets		
Other regulatory liabilities and deferred investment tax credits (including TCJA)	**170.4**	182.2
Pension and other postretirement/postemployment benefits	**58.8**	58.6
Loss and credit carryforwards	**369.4**	422.9
Environmental liabilities	**12.2**	10.1
Other accrued liabilities	**43.4**	40.3
Other, net	**28.7**	50.7
Total Deferred Tax Assets	**682.9**	764.8
Valuation Allowance	**(6.4)**	(6.4)
Net Deferred Tax Assets	**676.5**	758.4
Net Deferred Tax Liabilities	**$ 2,281.6**	$ 2,080.4

Schedule of Unrecognized Tax Benefits Roll Forward

A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:

At December 31, 2024 *(in millions)*	2024	2023	2022
Opening Balance	**$ 21.7**	$ 21.7	$ 21.7
Gross decreases - tax positions in prior period	**—**	—	—
Gross increases - current period tax positions	**—**	—	—
Ending Balance	**$ 21.7**	$ 21.7	$ 21.7
Offset for net operating loss carryforwards	**(21.7)**	(21.7)	(21.7)
Balance, Less Net Operating Loss Carryforwards	**$ —**	$ —	$ —

Summary of Tax Credit Carryforwards

At December 31, 2024 *(in millions)*	Deductible Amount	Deferred Tax Asset	Valuation Allowance	Expiration Period
Federal losses	$ 1,369.1	$ 287.5	$ —	2037
Federal investment tax credits	—	2.2	—	2043
Federal production tax credits	—	1.0	—	2040-2043
Federal other credit	—	17.3	—	2029-2043
State losses	2,024.4	81.9	(6.4)	2031-2037
Total		**$ 389.9**	**$ (6.4)**	

~~XML 71 R53.htm IDEA: XBRL DOCUMENT~~

Pension and Other Postretirement Benefits (Tables)

12 Months Ended Dec. 31, 2024

Defined Benefit Plan Disclosure [Line Items]

Schedule Of Allocation of Plan Assets

December 31, 2024	Defined Benefit Pension Plan		Postretirement Benefit Plan	
Asset Category	Minimum	Maximum	Minimum	Maximum
Domestic Equities	10%	30%	0%	55%
International Equities	5%	15%	0%	25%
Fixed Income	65%	75%	20%	100%
Real Estate	0%	0%	0%	0%
Private Equity	0%	3%	0%	0%
Short-Term Investments	0%	10%	0%	10%

December 31, 2023	Defined Benefit Pension Plan		Postretirement Benefit Plan	
Asset Category	Minimum	Maximum	Minimum	Maximum
Domestic Equities	10%	30%	0%	55%
International Equities	5%	15%	0%	25%
Fixed Income	65%	75%	20%	100%
Real Estate	0%	0%	0%	0%
Private Equity	0%	3%	0%	0%
Short-Term Investments	0%	10%	0%	10%

The actual Pension Plan and Postretirement Plan Asset Mix at December 31, 2024 and December 31, 2023 are as follows:

	Defined Benefit Pension Assets[1]	December 31, 2024	Postretirement Benefit Plan Assets	December 31, 2024
Asset Class *(in millions)*	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	$ 258.9	19.4 %	$ 99.6	40.9 %
International Equities	122.5	9.2 %	40.7	16.7 %
Fixed Income	891.2	66.7 %	96.5	39.6 %
Real Estate	4.0	0.3 %	—	—
Cash/Other	59.8	4.4 %	6.7	2.8 %
Total	$ 1,336.4	100.0 %	$ 243.5	100.0 %

[1]Total includes accrued dividends and pending trades with brokers.

	Defined Benefit Pension Assets[1]	December 31, 2023	Postretirement Benefit Plan Assets[1]	December 31, 2023
Asset Class *(in millions)*	Asset Value	% of Total Assets	Asset Value	% of Total Assets
Domestic Equities	$ 261.7	18.3 %	$ 93.7	39.6 %
International Equities	141.9	9.9 %	40.7	17.2 %
Fixed Income	939.9	65.9 %	97.0	41.0 %
Real Estate	4.0	0.3 %	—	—
Cash/Other	79.3	5.6 %	5.1	2.2 %
Total	$ 1,426.8	100.0 %	$ 236.5	100.0 %

[1]Total includes accrued dividends and pending trades with brokers.

Schedule Of Fair Value and Changes In The Fair Value Of The Plan Assets

Fair Value Measurements at December 31, 2024:

(in millions)	December 31, 2024	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	$ 1.2	$ 1.1	$ 0.1	$ —
Fixed income securities				
Government	186.8	—	186.8	—
Corporate	486.6	—	486.6	—
Mortgages/ Asset Backed Securities	3.6	—	3.6	—
Mutual Funds				
U.S. multi-strategy	56.1	56.1	—	—
International equities	57.2	57.2	—	—
Private equity limited partnerships[1]				
U.S. multi-strategy[2]	3.1	—	—	—
International multi-strategy[3]	0.8	—	—	—
Distressed opportunities	0.1	—	—	—
Real estate[1]	4.0	—	—	—
Commingled funds[1]				
Short-term money markets	45.9	—	—	—
U.S. equities	202.8	—	—	—
International equities	65.3	—	—	—
Fixed income	214.1	—	—	—
Pension plan assets subtotal	$ 1,327.6	$ 114.4	$ 677.1	$ —
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	87.4	87.4	—	—
International equities	16.5	16.5	—	—
Fixed income	96.5	96.5	—	—
Commingled funds[1]				
Short-term money markets	6.7	—	—	—
U.S. equities	12.2	—	—	—
International equities	24.2	—	—	—
Other postretirement benefit plan assets subtotal	$ 243.5	$ 200.4	$ —	$ —
Due to brokers, net[4]	(0.1)	—	(0.1)	—
Accrued income/dividends	8.9	8.9		—
Total pension and other postretirement benefit plan assets	$ 1,579.9	$ 323.7	$ 677.0	$ —

[1]This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.
[2]This class includes limited partnerships that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.
[3]This class includes limited partnerships that invest a in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.
[4]This class represents pending trades with brokers.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2024:

(in millions)	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	$ 52.6	Daily	1 day
U.S. equities	215.0	Daily	1 day - 5 days
International equities	89.5	Monthly	10 days-30 days
Fixed income	214.1	Daily	3 days
Private Equity and Real Estate Limited Partnerships[1]	8.0	N/A	N/A
Total	$ 579.2		

[1]Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.

Fair Value Measurements at December 31, 2023:

(in millions)	December 31, 2023	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Pension plan assets:				
Cash	$ 2.2	$ 2.0	$ 0.2	$ —
Equity securities				
International equities	1.1	1.1	—	—
Fixed income securities				
Government	213.1	—	213.1	—
Corporate	482.2	—	482.2	—
Mortgages/Asset backed securities	2.4	—	2.4	—
Mutual Funds				
U.S. multi-strategy	113.1	113.1	—	—
International equities	38.5	38.5	—	—
Private equity limited partnerships[1]				
U.S. multi-strategy[2]	4.8	—	—	—
International multi-strategy[3]	1.2	—	—	—
Distressed opportunities	0.1	—	—	—
Real estate[1]	4.0	—	—	—
Commingled funds[1]				
Short-term money markets	65.3	—	—	—
U.S. equities	148.5	—	—	—
International equities	102.3	—	—	—
Fixed income	242.2	—	—	—
Pension plan assets subtotal	$ 1,421.0	$ 154.7	$ 697.9	$ —
Other postretirement benefit plan assets:				
Mutual funds				
U.S. multi-strategy	82.4	82.4	—	—
International equities	18.0	18.0	—	—
Fixed income	97.0	97.0	—	—
Commingled funds[1]				
Short-term money markets	5.2	—	—	—
U.S. equities	11.4	—	—	—
International equities	22.8	—	—	—
Other postretirement benefit plan assets subtotal	$ 236.8	$ 197.4	$ —	$ —
Due to brokers, net[4]	(2.7)	—	(2.7)	—
Accrued income/dividends	8.5	8.5	—	—
Total pension and other postretirement benefit plan assets	$ 1,663.6	$ 360.6	$ 695.2	$ —

[1]This class of investments is measured at fair value using the net asset value per share and has not been classified in the fair value hierarchy.
[2]This class includes limited partnerships/fund of funds that invest in a diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily inside the United States.
[3]This class includes limited partnerships/fund of funds that invest in diverse portfolio of private equity strategies, including buy-outs, growth capital, special situations and secondary markets, primarily outside the United States.
[4]This class represents pending trades with brokers.

The table below sets forth a summary of unfunded commitments, redemption frequency and redemption notice periods for certain investments that are measured at fair value using the net asset value per share for the year ended December 31, 2023:

(in millions)	Fair Value	Redemption Frequency	Redemption Notice Period
Commingled Funds			
Short-term money markets	$ 70.5	Daily	1 day
U.S. equities	159.9	Daily	1 day -5 days
International equities	125.1	Monthly	10 days - 30 days
Fixed income	242.2	Daily	3 days
Private Equity and Real Estate Limited Partnerships[1]	10.1	N/A	N/A
Total	$ 607.8		

[1]Private equity and real estate limited partnerships typically call capital over a 3-5 year period and pay out distributions as the underlying investments are liquidated. The typical expected life of these limited partnerships is 0-15 years, and these investments typically cannot be redeemed prior to liquidation.

Schedule Of Reconciliation Of The Plan Funded Status

The following table provides a reconciliation of the plans' funded status and amounts reflected in our Consolidated Balance Sheets at December 31 based on a December 31 measurement date:

(in millions)	Pension Benefits 2024	Pension Benefits 2023	Other Postretirement Benefits 2024	Other Postretirement Benefits 2023
Change in projected benefit obligation[1]				
Benefit obligation at beginning of year	**$ 1,401.8**	$ 1,427.4	**$ 468.8**	$ 449.0
Service cost	**21.9**	20.5	**5.0**	5.1
Interest cost	**64.9**	68.4	**22.0**	21.8
Plan participants' contributions	**—**	—	**3.6**	4.2
Plan amendments	**—**	—	**—**	3.4
Actuarial loss (gain)[2]	**(64.8)**	27.4	**(22.5)**	29.1
Benefits paid	**(136.4)**	(141.9)	**(40.7)**	(44.3)
Estimated benefits paid by incurred subsidy	**—**	—	**0.1**	0.5
Projected benefit obligation at end of year	**$ 1,287.4**	$ 1,401.8	**$ 436.3**	$ 468.8
Change in plan assets				
Fair value of plan assets at beginning of year	**$ 1,426.8**	$ 1,422.8	**$ 236.5**	$ 224.9
Actual return on plan assets	**43.7**	142.8	**20.0**	28.2
Employer contributions	**2.4**	3.1	**23.6**	23.4
Plan participants' contributions	**—**	—	**3.8**	4.3
Benefits paid	**(136.4)**	(141.9)	**(40.7)**	(44.3)
Fair value of plan assets at end of year	**$ 1,336.5**	$ 1,426.8	**$ 243.2**	$ 236.5
Funded Status at end of year	**$ 49.1**	$ 25.0	**$ (193.1)**	$ (232.3)
Amounts recognized in the statement of financial position consist of:				
Noncurrent assets	**66.5**	44.1	**—**	—
Current liabilities	**(2.3)**	(2.2)	**(1.0)**	(1.0)
Noncurrent liabilities	**(15.1)**	(16.9)	**(192.1)**	(231.3)
Net amount recognized at end of year[3]	**$ 49.1**	$ 25.0	**$ (193.1)**	$ (232.3)
Amounts recognized in accumulated other comprehensive income or regulatory asset/liability[4]				
Unrecognized prior service credit	**$ 0.3**	$ 0.3	**$ 3.8**	$ 2.1
Unrecognized actuarial loss	**451.4**	500.4	**47.0**	76.6
Net amount recognized at end of year	**$ 451.7**	$ 500.7	**$ 50.8**	$ 78.7

[1]The change in benefit obligation for Pension Benefits represents the change in Projected Benefit Obligation while the change in benefit obligation for Other Postretirement Benefits represents the change in accumulated postretirement benefit obligation.
[2]The pension actuarial gain was primarily driven by the increase in discount rates interest rate movements. The postretirement benefit actuarial loss (gain) was also primarily driven by a increase in discount rates and claims experience changes in trend rates.
[3]We recognize our Consolidated Balance Sheets underfunded and overfunded status of our various defined benefit postretirement plans, measured as the difference between the fair value of the plan assets and the benefit obligation.
[4]We determined that for certain rate-regulated subsidiaries the future recovery of pension and other postretirement benefits costs is probable. These rate-regulated subsidiaries recorded regulatory assets and liabilities of $485.3 million and zero, respectively, as of December 31, 2024, and $561.6 million and zero, respectively, as of December 31, 2023 that would otherwise have been recorded to accumulated other comprehensive loss.

Schedule of Benefit Obligations in Excess of Fair Value of Plan Assets

for pension plans with a projected benefit obligation in excess of plan assets:

	December 31, 2024	December 31, 2023
Accumulated Benefit Obligation	**$ 17.4**	$ 19.1
Funded Status		
Projected Benefit Obligation	**$ 17.4**	$ 19.1
Funded Status of Underfunded Pension Plans at End of Year	**$ (17.4)**	$ (19.1)

The following table sets forth the year end accumulated benefit obligation, projected benefit obligation and fair value of plan assets for pension plans with plan assets in excess of the projected benefit obligation:

	December 31, 2024	December 31, 2023
Accumulated Benefit Obligation	**$ 1,261.0**	$ 1,371.8
Funded Status		
Fair Value of Plan Assets	**$ 1,336.4**	$ 1,426.8
Projected Benefit Obligation	**1,269.9**	1,382.7
Funded Status of Overfunded Pension Plans at End of Year	**$ 66.5**	$ 44.1

Schedule Of Expected Payments To Participants In Pension Plan

The expected benefits are estimated based on the same assumptions used to measure our benefit obligation at the end of the year and include benefits attributable to the estimated future service of employees:

(in millions) Year(s)	Pension Benefits	Other Postretirement Benefits
2025	$ 142.6	$ 36.6
2026	136.6	36.1
2027	130.9	36.1
2028	125.8	35.8
2029	119.4	35.6
2030-2034	528.6	171.7

Components Of The Plans' Net Periodic Benefits Cost

The following table provides the components of the plans' actuarially determined net periodic benefits cost for each of the three years ended December 31, 2024, 2023 and 2022:

(in millions)	Pension Benefits 2024	Pension Benefits 2023	Pension Benefits 2022	Other Postretirement Benefits 2024	Other Postretirement Benefits 2023	Other Postretirement Benefits 2022
Components of Net Periodic Benefit (Income) Cost[1]						
Service cost	**$ 21.9**	$ 20.5	$ 27.8	**$ 5.0**	$ 5.1	$ 6.5
Interest cost	**64.9**	68.4	40.5	**22.0**	21.8	12.0
Expected return on assets	**(95.3)**	(94.5)	(90.8)	**(16.1)**	(15.1)	(16.2)
Amortization of prior service cost (credit)	**0.1**	0.1	0.1	**(1.8)**	(2.1)	(2.2)
Recognized actuarial loss	**28.6**	33.7	20.3	**3.2**	3.3	2.6
Settlement loss	**7.2**	9.2	12.4	**—**	—	—
Total Net Periodic Benefits Cost	**$ 27.4**	$ 37.4	$ 10.3	**$ 12.3**	$ 13.0	$ 2.7

[1]Service cost is presented in "Operation and maintenance" on the Statements of Consolidated Income. Non-service cost components are presented within "Other, net."

Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan

The following table provides the key assumptions that were used to calculate the pension and other postretirement benefits obligations for our various plans as of December 31:

	Pension Benefits 2024	Pension Benefits 2023	Other Postretirement Benefits 2024	Other Postretirement Benefits 2023
Weighted-average assumptions to Determine Benefit Obligation				
Discount Rate	**5.58 %**	4.95 %	**5.66 %**	4.98 %
Rate of Compensation Increases	**4.00 %**	4.00 %	**N/A**	N/A
Interest Crediting Rates	**4.00 %**	4.00 %	**N/A**	N/A
Health Care Trend Rates				
Trend for Next Year	**N/A**	N/A	**9.77 %**	8.84 %
Ultimate Trend	**N/A**	N/A	**4.75 %**	4.75 %
Year Ultimate Trend Reached	**N/A**	N/A	**2033**	2032

The following table provides the key assumptions that were used to calculate the net periodic benefits cost for our various plans:

	Pension Benefits 2024	Pension Benefits 2023	Pension Benefits 2022	Other Postretirement Benefits 2024	Other Postretirement Benefits 2023	Other Postretirement Benefits 2022
Weighted-average Assumptions to Determine Net Periodic Benefit Cost						
Discount rate - service cost	**5.06 %**	5.25 %	3.08 %	**5.14 %**	5.30 %	3.21 %
Discount rate - interest cost	**4.88 %**	5.06 %	2.11 %	**4.89 %**	5.07 %	2.24 %
Expected Long-Term Rate of Return on Plan Assets	**7.02 %**	7.00 %	4.80 %	**7.06 %**	6.96 %	5.72 %
Rate of Compensation Increases	**4.00 %**	4.00 %	4.00 %	**N/A**	N/A	N/A
Interest Crediting Rates	**4.00 %**	4.00 %	4.00 %	**N/A**	N/A	N/A

Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income

The following table provides other changes in plan assets and projected benefit obligations recognized in other comprehensive income or regulatory asset or liability:

(in millions)	Pension Benefits 2024	Pension Benefits 2023	Other Postretirement Benefits 2024	Other Postretirement Benefits 2023
Other Changes in Plan Assets and Projected Benefit Obligations Recognized in Other Comprehensive Income or Regulatory Asset or Liability				
Net prior service cost	**$ —**	$ —	**$ —**	$ 3.3
Net actuarial (gain) loss	**(13.1)**	(20.9)	**(26.4)**	16.0
Settlements/curtailments	**(7.2)**	(9.2)	**—**	—
Less: amortization of prior service cost	**(0.1)**	(0.1)	**1.8**	2.1
Less: amortization of net actuarial loss	**(28.6)**	(33.7)	**(3.2)**	(3.3)
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	**$ (49.0)**	$ (63.9)	**$ (27.8)**	$ 18.1
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	**$ (21.6)**	$ (26.5)	**$ (15.5)**	$ 31.1

~~XML 72 R54.htm IDEA: XBRL DOCUMENT~~

Share-Based Compensation (Tables)

12 Months Ended
Dec. 31, 2024

Share-Based Payment Arrangement, Noncash Expense [Abstract]

Performance Award Details

The following table presents details of the performance awards described above.

Award Year	Service Conditions Lapse date	Performance Period	Award Conditions	Shares outstanding at 12/31/2024 (shares)	Grant Date Fair Value (in millions)
2024	2/26/2027	01/01/2024-12/31/2026	Non-GAAP Financial and Operational Measures	619,673	$ 17.4
			Relative Total Shareholder Return	206,524	$ 6.9
2023	2/28/2026	01/01/2023-12/31/2025	Non-GAAP Financial and Operational Measures	430,670	$ 13.3
			Relative Total Shareholder Return	143,540	$ 5.4
2022	2/28/2025	01/01/2022-12/31/2024	Non-GAAP Financial Measure	195,460	$ 7.4
			Relative Total Shareholder Return	195,460	$ 10.6

Restricted Stock Units (RSUs)

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Schedule Of Transactions Of Share Based Compensation Other Than Stock Options

(shares)	Restricted Stock Units	Weighted Average Award Date Fair Value Per Unit ($)
Non-vested at December 31, 2023	1,066,916	25.71
Granted	655,713	26.10
Forfeited	(167,057)	26.19
Vested	(227,452)	22.90
Non-vested at December 31, 2024	**1,328,120**	**26.49**

Performance Shares

Share-based Compensation Arrangement by Share-based Payment Award [Line Items]

Schedule Of Transactions Of Share Based Compensation Other Than Stock Options

(shares)	Performance Awards	Weighted Average Grant Date Fair Value Per Unit ($)
Non-vested at December 31, 2023	1,558,509	28.01
Granted	896,363	27.05
Forfeited	(189,080)	31.75
Vested	(546,569)	21.95
Non-vested at December 31, 2024	**1,719,223**	**24.96**

~~XML 73 R55.htm IDEA: XBRL DOCUMENT~~

Leases (Tables)

12 Months Ended
Dec. 31, 2024

Leases [Abstract]

Lease Cost

Income statement presentation for these costs (when ultimately recognized on the income statement) is also included:

Year Ended December 31, (in millions)	Income Statement Classification	2024	2023
Finance lease cost			
Amortization of right-of-use assets	Depreciation and amortization	**$ 27.1**	$ 32.0
Interest on lease liabilities	Interest expense, net	**13.5**	8.6
Total finance lease cost		**40.6**	40.6
Operating lease cost	Operation and maintenance	**14.7**	11.3
Total lease cost		**$ 55.3**	$ 51.9

Right-of-Use Assets and Liabilities

Our right-of-use assets and liabilities are presented in the following lines on the Consolidated Balance Sheets:

At December 31, (in millions)	Balance Sheet Classification	2024	2023
Assets			
Finance leases	Net Property, Plant and Equipment	**$ 222.9**	$ 184.3
Operating leases	Deferred charges and other	**26.4**	32.9
Total leased assets		**$ 249.3**	217.2
Liabilities			
Current			
Finance leases	Current portion of long-term debt	**$ 22.9**	23.8
Operating leases	Other accruals	**9.1**	8.3
Noncurrent			
Finance leases	Long-term debt, excluding amounts due within one year	**223.3**	181.6
Operating leases	Other noncurrent liabilities and deferred credits	**18.2**	25.8
Total lease liabilities		**$ 273.5**	$ 239.5

Lease Information

Other pertinent information related to leases was as follows:

Year Ended December 31, (in millions)	2024	2023
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows used for finance leases	**$ 11.2**	$ 9.3
Operating cash flows used for operating leases	**14.5**	11.1
Financing cash flows used for finance leases	**26.9**	33.1
Right-of-use assets obtained in exchange for lease obligations		
Finance leases	**65.9**	64.5
Operating leases	**12.2**	$ 5.6

	December 31, 2024	December 31, 2023
Weighted-average remaining lease term (years)		
Finance leases	**20.5**	16.4
Operating leases	**5.6**	6.7
Weighted-average discount rate		
Finance leases	**5.6 %**	5.5 %
Operating leases	**4.5 %**	4.3 %

Lease Maturity

Maturities of our lease liabilities as of December 31, 2024 were as follows:

As of December 31, 2024, *(in millions)*	Total	Finance Leases	Operating Leases
2025	$ 44.6	$ 34.6	$ 10.0
2026	34.7	29.4	5.3
2027	28.5	24.2	4.3
2028	26.1	23.0	3.1
2029	21.5	19.0	2.5
Thereafter	304.9	299.2	5.7
Total lease payments	460.3	429.4	30.9
Less: Imputed interest	(186.8)	(183.2)	(3.6)
Total	$ 273.5	$ 246.2	$ 27.3
Reported as of December 31, 2024			
Short-term lease liabilities	32.0	22.9	9.1
Long-term lease liabilities	241.5	223.3	18.2
Total lease liabilities	$ 273.5	$ 246.2	$ 27.3

~~*XML 74 R56.htm IDEA: XBRL DOCUMENT*~~

Other Commitments And Contingencies (Tables)

12 Months Ended

Dec. 31, 2024

Commitments and Contingencies Disclosure [Abstract]

Contractual Obligation, Fiscal Year Maturity

Contractual Obligations. We have certain contractual obligations requiring payments at specified periods. The obligations include long-term debt, lease obligations, energy commodity contracts and obligations for various services including pipeline capacity and outsourcing of IT services. The total contractual obligations in existence at December 31, 2024 and their maturities were:

(in millions)	Total	2025	2026	2027	2028	2029	After
Long-term debt [1]	$ 13,205.0	$ 1,260.0	$ —	$ 1,090.0	$ 1,055.0	$ 1,350.0	$ 8,450.0
Interest payments on long-term debt	8,090.3	566.2	551.1	531.7	481.6	453.9	5,505.8
Finance leases[2]	429.4	34.6	29.4	24.2	23.0	19.0	299.2
Operating leases[3]	30.9	10.0	5.3	4.3	3.1	2.5	5.7
Energy commodity contracts	119.7	118.5	0.3	0.3	0.4	0.2	—
Service obligations:							
Pipeline service obligations	2,694.6	685.5	631.2	609.2	373.2	245.2	150.3
IT service obligations	120.7	73.9	30.3	11.4	5.1	—	—
Plant equipment purchase obligations	173.5	140.5	24.9	4.3	3.8	—	—
Other liabilities[4]	336.0	287.0	7.9	7.7	7.6	7.7	18.1
Total contractual obligations	$ 25,200.1	$ 3,176.2	$ 1,280.4	$ 2,283.1	$ 1,952.8	$ 2,078.5	$ 14,429.1

[1] Long-term debt balance excludes unamortized issuance costs and discounts of $95.5 million.
[2] Finance lease payments shown above are inclusive of interest totaling $183.2 million.
[3] Operating lease payments shown above are inclusive of interest totaling $3.6 million. Operating lease balances do not include obligations for possible fleet vehicle lease renewals beyond the initial lease term. While we have the ability to renew these leases beyond the initial term, we are not reasonably certain to do so as they are renewed month-to-month after the first year.
[4] Other liabilities shown above are primarily related to the Dunns Bridge II and Indiana Crossroads Solar Developer payments due in 2025 and ongoing maintenance service agreements for our renewable joint ventures.

~~*XML 75 R57.htm IDEA: XBRL DOCUMENT*~~

Accumulated Other Comprehensive Loss (Tables)

12 Months Ended

Dec. 31, 2024

Components of Accumulated Other Comprehensive Income (Loss) [Abstract]

Schedule of Accumulated Other Comprehensive Income (Loss)

The following table displays the activity of Accumulated Other Comprehensive Loss, net of tax:

(in millions)	Gains and Losses on Securities[1]	Gains and Losses on Cash Flow Hedges[1]	Pension and OPEB Items[1]	Accumulated Other Comprehensive Loss[1]
Balance as of January 1, 2022	**$ 2.1**	**$ (122.5)**	**$ (6.4)**	**$ (126.8)**
Other comprehensive (loss) income before reclassifications	(13.7)	109.7	(8.9)	87.1
Amounts reclassified from accumulated other comprehensive loss	0.4	0.2	2.0	2.6
Net current-period other comprehensive (loss) income	(13.3)	109.9	(6.9)	89.7
Balance as of December 31, 2022	**$ (11.2)**	**$ (12.6)**	**$ (13.3)**	**$ (37.1)**
Other comprehensive (loss) income before reclassifications	3.1	(0.5)	(1.4)	1.2
Amounts reclassified from accumulated other comprehensive loss	0.8	0.3	1.2	2.3
Net current-period other comprehensive (loss) income	3.9	(0.2)	(0.2)	3.5
Balance as of December 31, 2023	**$ (7.3)**	**$ (12.8)**	**$ (13.5)**	**$ (33.6)**
Other comprehensive income (loss) before reclassifications	1.5	—	(1.2)	0.3
Amounts reclassified from accumulated other comprehensive loss	1.8	(0.4)	1.5	2.9
Net current-period other comprehensive income (loss)	3.3	(0.4)	0.3	3.2
Balance as of December 31, 2024	**$ (4.0)**	**$ (13.2)**	**$ (13.2)**	**$ (30.4)**

[1] All amounts are net of tax. Amounts in parentheses indicate debits.

~~*XML 76 R58.htm IDEA: XBRL DOCUMENT*~~

Business Segment Information (Tables)

12 Months Ended

Dec. 31, 2024

Segment Reporting [Abstract]

Schedule Of Operating Income Derived From Revenues And Expenses By Segment

Year Ended December 31, 2024 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,703.2	$ 2,751.0	$ 5,454.2
Intersegment Revenue	12.8	1.0	13.8
Total Operating Revenue	**$ 2,716.0**	**$ 2,752.0**	**$ 5,468.0**
Cost of energy	514.7	617.5	1,132.2
O&M	837.5	761.4	1,598.9
Depreciation	409.1	590.3	999.4
Total other taxes	218.6	64.3	282.9
Other segment items[1]	7.4	(1.3)	6.1
Operating Income	**$ 728.7**	**$ 719.8**	**$ 1,448.5**
Capital Expenditures[2]	**$ 1,209.0**	**$ 2,252.4**	**$ 3,461.4**
Assets	**$ 14,769.5**	**$ 15,823.5**	**$ 30,593.0**

[1] Other segment items consists of Loss (gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2] Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

Year Ended December 31, 2023 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,733.9	$ 2,770.7	$ 5,504.6
Intersegment Revenue	12.2	0.9	13.1
Total Operating Revenue	**$ 2,746.1**	**$ 2,771.6**	**$ 5,517.7**
Cost of energy	645.0	888.3	1,533.3
O&M	792.3	787.7	1,580.0
Depreciation	371.7	493.8	865.5
Total other taxes	198.8	57.9	256.7
Other segment items[1]	—	2.2	2.2
Operating Income	**$ 738.3**	**$ 541.7**	**$ 1,280.0**
Capital Expenditures[2]	**$ 1,159.6**	**$ 1,294.8**	**$ 2,454.4**
Assets	**$ 13,664.5**	**$ 13,962.6**	**$ 27,627.1**

[1] Other segment items consists of Loss(gain) on Sale or Impairment of Assets and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2] Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan payout, and AFUDC Equity.

Year Ended December 31, 2022 (in millions)

	Columbia Operations	NIPSCO Operations	Total of Reportable Segments
Operating Revenues			
External Revenue	$ 2,951.9	$ 2,886.2	$ 5,838.1
Intersegment Revenue	12.5	0.9	13.4
Total Operating Revenue	**$ 2,964.4**	**$ 2,887.1**	**$ 5,851.5**
Cost of energy	978.4	1,132.1	2,110.5
O&M	791.3	740.4	1,531.7
Depreciation	329.4	449.4	778.8
Total other taxes	184.2	72.1	256.3
Other segment items[1]	(103.9)	—	(103.9)
Operating Income	**$ 785.0**	**$ 493.1**	**$ 1,278.1**
Capital Expenditures[2]	**$ 1,237.9**	**$ 1,018.9**	**$ 2,256.8**
Assets	**$ 13,059.4**	**$ 11,759.9**	**$ 24,819.3**

[1] Other segment items consists of proceeds from a property insurance settlement related to the Greater Lawrence Incident and other segment income or expenses deemed insignificant which are used to reach our measurement of segment profit or loss, Operating Income.
[2] Amounts differ from those presented on the Statements of Consolidated Cash Flows primarily due to the inclusion of capital expenditures in current liabilities, the capitalized portion of the Corporate Incentive Plan

payout, and AFUDC Equity.
To reconcile the segment tables above to consolidated NiSource:

Year Ended December 31, 2024 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,468.0	$ 581.9	$ (594.8)	$ 5,455.1
Operating Income	1,448.5	7.0	—	1,455.5
Capital Expenditures	3,461.4	231.1	—	3,692.5
Assets	30,593.0	1,195.1	—	31,788.1

Year Ended December 31, 2023 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,517.7	$ 504.6	$ (516.9)	$ 5,505.4
Operating Income	1,280.0	15.5	—	1,295.5
Capital Expenditures	2,454.4	236.3	—	2,690.7
Assets	27,627.1	3,450.1	—	31,077.2

Year Ended December 31, 2022 (in millions)

	Total Reportable Segments	Corporate and Other	Eliminations	Consolidated NiSource
Total Operating Revenue	$ 5,851.5	$ 477.5	$ (478.4)	$ 5,850.6
Operating Income (Loss)	1,278.1	(12.3)	—	1,265.8
Capital Expenditures	2,256.8	41.2	—	2,298.0
Assets	24,819.3	1,917.3	—	26,736.6

~~XML 77 R59.htm IDEA: XBRL DOCUMENT~~

Other, Net (Tables)

12 Months Ended
Dec. 31, 2024

Other Nonoperating Income (Expense) [Abstract]

Schedule Of Other, Net

The following table displays the components of Other, Net included on the Statements of Consolidated Income:

Year Ended December 31, *(in millions)*	2024	2023	2022
Interest income	**$ 10.4**	$ 9.0	$ 4.3
AFUDC equity	**75.1**	25.2	15.1
Charitable contributions	**(5.4)**	(1.8)	(4.4)
Pension and other postretirement non-service cost[1]	**(13.5)**	(24.0)	27.6
Interest rate swap settlement gain	**—**	—	10.0
Miscellaneous	**(2.1)**	(0.4)	(0.4)
Total Other, net	**$ 64.5**	$ 8.0	$ 52.2

[1] See Note 16, "Pension and Other Postemployment Benefits," for additional information.

~~XML 78 R60.htm IDEA: XBRL DOCUMENT~~

Interest Expense, Net (Tables)

12 Months Ended
Dec. 31, 2024

Interest Expense, Operating and Nonoperating [Abstract]

Schedule Of Interest Expense, Net

Year Ended December 31, *(in millions)*	2024	2023	2022
Interest on long-term debt	**$506.2**	$ 404.1	$ 344.5
Interest on short-term borrowings	**43.2**	108.9	22.7
Debt discount/cost amortization	**13.8**	13.5	11.7
Accounts receivable securitization fees	**1.5**	2.7	2.5
Allowance for borrowed funds used and interest capitalized during construction	**(40.1)**	(25.3)	(6.7)
Debt-based post-in-service carrying charges	**(26.4)**	(30.7)	(21.1)
Other	**19.0**	16.4	8.0
Total Interest Expense, net	**$517.2**	$ 489.6	$ 361.6

~~XML 79 R61.htm IDEA: XBRL DOCUMENT~~

Supplemental Cash Flow Information (Tables)

12 Months Ended
Dec. 31, 2024

Supplemental Cash Flow Information [Abstract]

Schedule of Cash Flow, Supplemental Disclosures

The following table provides additional information regarding our Consolidated Statements of Cash Flows for the years ended December 31, 2024, 2023 and 2022:

Year Ended December 31, *(in millions)*	2024	2023	2022
Supplemental Disclosures of Cash Flow Information			
Non-cash transactions:			
Capital expenditures included in current liabilities	**$ 367.0**	$ 315.0	$ 275.1
Assets acquired under a finance lease	**65.9**	64.5	19.3
Assets acquired under an operating lease	**12.2**	5.6	8.8
Assets recorded for asset retirement obligations[1]	**277.4**	61.1	6.3
Purchase contract liability, net of fees and payments[2]	**—**	—	65.0
Schedule of interest and income taxes paid:			
Cash paid for interest on debt, net of interest capitalized amounts	**$ 468.2**	$ 433.9	$ 343.8
Cash paid for interest on finance leases	**11.2**	8.6	8.5
Cash paid for income taxes, net of refunds	**4.3**	9.4	7.2

[1] See Note 11, "Asset Retirement Obligations," for additional information.
[2] Refer to Note 6, "Equity," for additional information.

~~XML 80 R62.htm IDEA: XBRL DOCUMENT~~

Valuation and Qualifying Accounts (Tables)

12 Months Ended
Dec. 31, 2024

SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract]

Schedule of Valuation and Qualifying Accounts Disclosure

NISOURCE INC.

SCHEDULE II – VALUATION AND QUALIFYING ACCOUNTS

Twelve months ended December 31, 2024

($ in millions)	Balance Jan. 1, 2024	Additions: Charged to Costs and Expenses	Additions: Charged to Other Account [1]	Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2024
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	$ 22.9	$ 23.2	$ 32.3	$ 54.7	$ 23.7
Reserve for deferred charges and other	1.3	—	(0.2)	—	1.1

Twelve months ended December 31, 2023

($ in millions)	Balance Jan. 1, 2023	Additions: Charged to Costs and Expenses	Additions: Charged to Other Account [1]	Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2023
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	$ 23.9	$ 23.4	$ 36.6	$ 61.0	$ 22.9
Reserve for deferred charges and other	1.0	—	0.3	—	1.3

Twelve months ended December 31, 2022

($ in millions)	Balance Jan. 1, 2022	Additions: Charged to Costs and Expenses	Additions: Charged to Other Account [1]	Deductions for Purposes for which Reserves were Created	Balance Dec. 31, 2022
Reserves Deducted in Consolidated Balance Sheet from Assets to Which They Apply:					
Reserve for accounts receivable	$ 23.5	$ 20.6	$ 36.4	$ 56.6	$ 23.9
Reserve for deferred charges and other	2.3	—	(1.3)	—	1.0

[1] Charged to Other Accounts reflects the deferral of bad debt expense to a regulatory asset or the movement of the reserve between short term and long term.

~~XML 81 R63.htm IDEA: XBRL DOCUMENT~~

Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details) $ in Millions

12 Months Ended

	Dec. 31, 2024 USD ($)	Dec. 31, 2023 USD ($)	Dec. 31, 2022	Jun. 17, 2023 Rate
Basis Of Accounting Presentation [Line Items]				
Number of customers	3,800,000			
Pre-tax rate for allowance for funds used during construction	4.80%	3.90%	3.40%	

Inventory valued using LIFO	$ 43.8	$ 43.9
Excess of replacement over LIFO value	(12.8)	(22.5)
Inventory valued using the weighted average cost methodology	$ 135.8	$ 222.0

NIPSCO Holdings II

Basis Of Accounting Presentation [Line Items]

Subsidiary, Ownership Percentage, Parent | Rate	19.90%

XML 82 R64.htm IDEA: XBRL DOCUMENT

Revenue Recognition (Disaggregation of Revenue) (Details) - USD ($) $ in Millions	3 Months Ended	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Disaggregation of Revenue [Line Items]				
Customer revenues	$ 5,282.9	$ 5,282.9	$ 5,347.8	$ 5,738.6
Other revenues	172.2	172.2	157.6	112.0
Total Operating Revenues	5,455.1	5,455.1	5,505.4	5,850.6
NiSource Electric Generation and Power Delivery				
Disaggregation of Revenue [Line Items]				
Customer revenues	1,829.5		1,701.0	1,735.5
NiSource Gas Distribution				
Disaggregation of Revenue [Line Items]				
Customer revenues		3,453.4	3,646.8	4,003.1
Electric Operations				
Disaggregation of Revenue [Line Items]				
Total Operating Revenues			2,770.7	2,886.2
Corporate Segment and Other Operating Segment				
Disaggregation of Revenue [Line Items]				
Customer revenues		0.0	0.0	0.0
Other revenues		0.9	0.8	12.5
Total Operating Revenues		0.9	0.8	12.5
NIPSCO Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		2,654.5	2,686.8	2,790.4
Other revenues		96.5	83.9	95.8
Total Operating Revenues	2,751.0			
NIPSCO Operations | NIPSCO Electric Generation				
Disaggregation of Revenue [Line Items]				
Customer revenues		1,829.5	1,701.0	1,735.5
NIPSCO Operations | NIPSCO Gas Distribution				
Disaggregation of Revenue [Line Items]				
Customer revenues		825.0	985.8	1,054.9
Columbia Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		2,628.4	2,661.0	2,948.2
Other revenues		74.8	72.9	3.7
Total Operating Revenues		2,703.2	2,733.9	2,951.9
Residential | NiSource Electric Generation and Power Delivery				
Disaggregation of Revenue [Line Items]				
Customer revenues	649.9		583.9	592.4
Residential | NiSource Gas Distribution				
Disaggregation of Revenue [Line Items]				
Customer revenues		2,365.2	2,462.5	2,609.7
Residential | Electric Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues			635.0	691.5
Residential | Corporate Segment and Other Operating Segment				
Disaggregation of Revenue [Line Items]				
Customer revenues		0.0	0.0	0.0
Residential | NIPSCO Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		531.4		
Residential | NIPSCO Operations | NIPSCO Electric Generation				
Disaggregation of Revenue [Line Items]				
Customer revenues		649.9	583.9	592.4
Residential | Columbia Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		1,833.8	1,827.5	1,918.2
Commercial | NiSource Electric Generation and Power Delivery				
Disaggregation of Revenue [Line Items]				
Customer revenues	620.4		578.1	571.0
Commercial | NiSource Gas Distribution				
Disaggregation of Revenue [Line Items]				
Customer revenues		779.5	847.9	939.6
Commercial | Electric Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues			249.0	267.4
Commercial | Corporate Segment and Other Operating Segment				
Disaggregation of Revenue [Line Items]				
Customer revenues		0.0	0.0	0.0
Commercial | NIPSCO Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		199.2		
Commercial | NIPSCO Operations | NIPSCO Electric Generation				
Disaggregation of Revenue [Line Items]				
Customer revenues		620.4	578.1	571.0
Commercial | Columbia Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues		580.3	598.9	672.2
Industrial | NiSource Electric Generation and Power Delivery				
Disaggregation of Revenue [Line Items]				
Customer revenues	499.1		474.1	560.6
Industrial | NiSource Gas Distribution				
Disaggregation of Revenue [Line Items]				
Customer revenues		223.2	226.0	220.6
Industrial | Electric Operations				
Disaggregation of Revenue [Line Items]				
Customer revenues			87.0	85.1
Industrial | Corporate Segment and Other Operating Segment				

Disaggregation of Revenue [Line Items]			
Customer revenues	0.0	0.0	0.0
Industrial | NIPSCO Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	79.0		
Industrial | NIPSCO Operations | NIPSCO Electric Generation			
Disaggregation of Revenue [Line Items]			
Customer revenues	499.1	474.1	560.6
Industrial | Columbia Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	144.2	139.0	135.5
Off-system | NiSource Gas Distribution			
Disaggregation of Revenue [Line Items]			
Customer revenues	42.6	60.6	192.9
Off-system | Electric Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues		0.0	0.0
Off-system | Corporate Segment and Other Operating Segment			
Disaggregation of Revenue [Line Items]			
Customer revenues	0.0	0.0	0.0
Off-system | NIPSCO Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	0.0		
Off-system | Columbia Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	42.6	60.6	192.9
Miscellaneous | NiSource Electric Generation and Power Delivery			
Disaggregation of Revenue [Line Items]			
Customer revenues	13.7	21.4	(14.1)
Miscellaneous | NiSource Gas Distribution			
Disaggregation of Revenue [Line Items]			
Customer revenues	41.7	48.2	38.2
Miscellaneous | Electric Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues		14.8	10.9
Miscellaneous | Corporate Segment and Other Operating Segment			
Disaggregation of Revenue [Line Items]			
Customer revenues	0.0	0.0	0.0
Miscellaneous | NIPSCO Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	15.4		
Miscellaneous | NIPSCO Operations | NIPSCO Electric Generation			
Disaggregation of Revenue [Line Items]			
Customer revenues	13.7	21.4	(14.1)
Miscellaneous | Columbia Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	26.3	33.4	27.3
Wholesale | NiSource Electric Generation and Power Delivery			
Disaggregation of Revenue [Line Items]			
Customer revenues	38.3	32.0	13.5
Wholesale | NiSource Gas Distribution			
Disaggregation of Revenue [Line Items]			
Customer revenues	1.2	1.6	2.1
Wholesale | Electric Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues		0.0	0.0
Wholesale | Corporate Segment and Other Operating Segment			
Disaggregation of Revenue [Line Items]			
Customer revenues	0.0	0.0	0.0
Wholesale | NIPSCO Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	0.0		
Wholesale | NIPSCO Operations | NIPSCO Electric Generation			
Disaggregation of Revenue [Line Items]			
Customer revenues	38.3	32.0	13.5
Wholesale | Columbia Operations			
Disaggregation of Revenue [Line Items]			
Customer revenues	1.2	1.6	2.1
Public Authority			
Disaggregation of Revenue [Line Items]			
Customer revenues	$ 8.1	11.5	12.1
Public Authority | NIPSCO Operations | NIPSCO Electric Generation			
Disaggregation of Revenue [Line Items]			
Customer revenues	$ 8.1	$ 11.5	$ 12.1

~~*XML 83 R65.htm IDEA: XBRL DOCUMENT*~~

Revenue Recognition (Customer Accounts Receivable) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**
Revenue Recognition [Abstract]		
Customer Accounts Receivable, Billed (Less Reserve)	$ 525.1	$ 479.4
Customer Accounts Receivable, Unbilled (Less Reserve)	$ 408.1	$ 337.6

~~*XML 84 R66.htm IDEA: XBRL DOCUMENT*~~

Revenue Recognition (Allowance for Credit Losses) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Financing Receivable, Allowance for Credit Loss [Line Items]			
Allowance for Credit Loss	$ 23.7	$ 22.9	$ 23.9
Current period provisions	38.8	39.8	
Write-offs charged against allowance	(55.7)	(61.6)	
Recoveries of amounts previously written off	17.7	20.8	
Electric Operations			
Financing Receivable, Allowance for Credit Loss [Line Items]			
Allowance for Credit Loss	13.9	11.9	12.0
Current period provisions	12.1	11.5	
Write-offs charged against allowance	(11.0)	(12.4)	

Recoveries of amounts previously written off	0.9	0.8						
Corporate Segment and Other Operating Segment								
Financing Receivable, Allowance for Credit Loss [Line Items]								
Allowance for Credit Loss	0.0	0.8	0.8					
Current period provisions	0.0	0.0						
Write-offs charged against allowance	(0.8)	0.0						
Recoveries of amounts previously written off	0.0	0.0						
Columbia Operations								
Financing Receivable, Allowance for Credit Loss [Line Items]								
Allowance for Credit Loss	9.8	10.2	$ 11.1					
Current period provisions	26.7	28.3						
Write-offs charged against allowance	(43.9)	(49.2)						
Recoveries of amounts previously written off	$ 16.8	$ 20.0						

XML 85 R67.htm IDEA: XBRL DOCUMENT

Variable Interest Entities (Narrative) (Details)	12 Months Ended							
	Sep. 18, 2024 USD ($)	May 24, 2024 USD ($)	Mar. 18, 2024 USD ($)	Dec. 31, 2024 USD ($) Rate MW	Dec. 31, 2023 USD ($)	Dec. 31, 2022 USD ($)	Jun. 17, 2023 Rate	
Variable Interest Entity [Line Items]								
Wind Power Purchase Agreement, Purchase Percentage | Rate				100.00%				
Milestone and final payments to renewable generation asset developer				$ 482,000,000.0	$ 761,400,000	$ 323,900,000		
Income Taxes				158,100,000	139,500,000	$ 164,600,000		
Payments to Acquire Assets, Investing Activities	$ 153,300,000	$ 114,900,000	$ 110,600,000					
Business Acquisition, Transaction Costs					54,700,000			
Proceeds from Contributed Capital					2,160,000,000			
Redeemable Noncontrolling Interest, Equity, Other, Carrying Amount					1,360,000,000			
Proceeds from (Payments to) Noncontrolling Interests				$ 50,300,000	2,170,700,000			
NIPSCO Holdings II								
Variable Interest Entity [Line Items]								
Subsidiary, Ownership Percentage, Parent | Rate							19.90%	
NiSource								
Variable Interest Entity [Line Items]								
Subsidiary, Ownership Percentage, Parent				80.10%				
Rosewater								
Variable Interest Entity [Line Items]								
Nameplate Capacity | MW				102				
Indiana Crossroads Wind								
Variable Interest Entity [Line Items]								
Nameplate Capacity | MW				302				
Indiana Crossroads Solar								
Variable Interest Entity [Line Items]								
Nameplate Capacity | MW				200				
Dunns Bridge I								
Variable Interest Entity [Line Items]								
Nameplate Capacity | MW				265				
Consolidated Variable Interest Entities								
Variable Interest Entity [Line Items]								
Income Taxes					$ 63,500,000			

XML 86 R68.htm IDEA: XBRL DOCUMENT

Variable Interest Entities (Schedule of Noncontrolling Interest) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Redeemable Noncontrolling Interest [Line Items]		
Noncontrolling interest in consolidated subsidiaries	$ 1,984.1	$ 1,866.7

XML 87 R69.htm IDEA: XBRL DOCUMENT

Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Income Attributable to noncontrolling [Line Items]			
Net income (loss) attributable to noncontrolling interest	$ 84.3	$ (39.9)	$ (12.3)

XML 88 R70.htm IDEA: XBRL DOCUMENT

Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details) - USD ($) $ in Millions		Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
VIE Assets and Liabilities [Abstract]				
Net Property, Plant and Equipment		$ 25,453.9	$ 22,274.9	
Current assets	[1]	2,080.2	4,499.4	
Total Assets		31,788.1	31,077.2	$ 26,736.6
Current liabilities		4,113.4	5,265.1	
Asset retirement obligations		698.6	480.5	
Finance Lease, Liability, Payment, Due		429.4		
Variable Interest Entity, Primary Beneficiary				
VIE Assets and Liabilities [Abstract]				
Net Property, Plant and Equipment		1,323.8	1,369.8	
Current assets		65.0	63.6	
Total Assets		1,388.8	1,433.4	
Current liabilities		53.7	68.3	
Asset retirement obligations		58.3	55.7	
Finance Lease, Liability, Payment, Due		40.4	0.0	
Total liabilities(1)(2)		$ 152.4	$ 124.0	

[1] (1)Includes $1,323.8 million and $1,369.8 million in 2024 and 2023, respectively, of net property, plant and equipment assets, $65.0 million and $63.6 million in 2024 and 2023, respectively, of current assets of consolidated VIEs that may be used only to settle obligations of the consolidated VIEs. Refer to Note 4, "Noncontrolling Interests," for additional information.

XML 89 R71.htm IDEA: XBRL DOCUMENT

Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details) - USD ($) $ / shares in Units, shares in Thousands,	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022

$ in Millions															
Earnings Per Share [Abstract]															
Net Income Available to Common Shareholders	$ 739.7	$ 661.7	$ 749.0												
Add: Dilutive effect of Equity Units	0.0	1.4	2.0												
Net Income Available to Common Shareholders - Diluted	$ 738.1	$ 662.5	$ 751.0												
Average common shares outstanding - Basic	454,200	416,100	407,100												
Equity Units purchase contracts	0	29,800	30,200												
Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements	0	900	3,200												
Shares contingently issuable under employee stock plans	900	700	900												
Shares restricted under employee stock plans	300	400	500												
ATM Forward agreements	600	0	800												
Average Common Shares - Diluted	456,000	447,900	442,700												
Basic Earnings Per Share	$ 1.63	$ 1.59	$ 1.84												
Diluted Earnings Per Share	$ 1.62	$ 1.48	$ 1.70												
Participating Securities, Distributed and Undistributed Earnings (Loss), Basic	$ 1.6	$ 0.6	$ 0.0												
Net Income (Loss) from Continuing Operations Available to Common Shareholders, Basic	$ 738.1	$ 661.1	$ 749.0												

~~XML 90 R72.htm IDEA: XBRL DOCUMENT~~

							3 Months Ended		12 Months Ended						
Equity (Narrative) (Details) - USD ($)	**Nov. 20, 2024**	**Sep. 30, 2024**	**Sep. 27, 2024**	**Sep. 17, 2024**	**Sep. 11, 2024**	**May 22, 2024**	**Dec. 31, 2024**	**Dec. 31, 2023**	**Dec. 31, 2024**	**Feb. 23, 2024**	**Dec. 31, 2023**	**Dec. 31, 2022**	**Nov. 19, 2024**	**Mar. 15, 2024**	**Feb. 01, 2024**
Forward Contract Indexed to Issuer's Equity [Line Items]															
Common Stock Aggregate Sale Price															$ 900,000,000.0
Derivative, Forward Price	$ 33.99	$ 34.32	$ 34.01	$ 25.77	$ 28.79	$ 28.87	$ 33.64			$ 25.78					
Preferred Stock, Liquidation Preference Per Share															
Preferred Stock, Par or Stated Value Per Share							$ 0.01	$ 0.01	$ 0.01		$ 0.01				
Purchase Contract Liability							$ 0	$ 0	$ 0		$ 0	$ 65,000,000.0			
Equity Units purchase contracts									0		29,800,000	30,200,000			
Common Stock, Shares, Issued															
Preferred Stock, Shares Outstanding							0	40,000	0		40,000				
Preferred Stock Redemption Premium									$ 14,000,000.0		$ 9,800,000				
Series A Preferred Stock															
Forward Contract Indexed to Issuer's Equity [Line Items]															
Preferred Stock, Liquidation Preference, Value							$ 400,000,000	$ 400,000,000	$ 400,000,000		400,000,000	$ 400,000,000			
Preferred Stock, Redemption Amount															
Preferred Stock, Shares Outstanding															
Preferred Stock, Dividends Per Share, Declared								$ 28.25							
Series B Preferred Stock															
Forward Contract Indexed to Issuer's Equity [Line Items]															
Preferred Stock, Liquidation Preference Per Share							$ 25,000		$ 25,000						
Preferred Stock, Liquidation Preference, Value							$ 500,000,000	$ 500,000,000	$ 500,000,000		$ 500,000,000	$ 500,000,000			
Preferred Stock, Dividends Per Share, Declared									$ 406.25		$ 1,625				
Preferred Stock Redemption Premium									$ 14,000,000						
Series B-1 Preferred Stock															
Forward Contract Indexed to Issuer's Equity [Line Items]															
Preferred Stock, Shares Issued							20,000		20,000					20,000	
Preferred Stock, Par or Stated Value Per Share														$ 0.01	
Preferred Stock, Redemption Amount														$ 500,000,000	
Series C Preferred Stock															
Forward Contract Indexed to Issuer's Equity [Line Items]															
Preferred Stock, Liquidation Preference, Value							$ 863,000,000		$ 863,000,000						
Preferred Stock, Shares Outstanding															
At The Market Program															
Forward Contract Indexed to Issuer's Equity [Line Items]															
ATM Program Equity Remaining Available for Issuance									297,700,000						
Forward February 23															
Forward Contract Indexed to Issuer's Equity [Line Items]															

Common Stock Aggregate Sale Price	$ 199,900,000							
Forward Contract Indexed to Issuer's Equity, Shares					7,757,951			
Forward May 22								
Forward Contract Indexed to Issuer's Equity [Line Items]								
Common Stock Aggregate Sale Price	$ 299,100,000							
Forward Contract Indexed to Issuer's Equity, Shares			10,390,000					
Forward September 27								
Forward Contract Indexed to Issuer's Equity [Line Items]								
Common Stock Aggregate Sale Price							$ 50,300,000	
Forward Contract Indexed to Issuer's Equity, Shares		1,495,949						
Forward September 30								
Forward Contract Indexed to Issuer's Equity [Line Items]								
Common Stock Aggregate Sale Price				$ 51,000,000.0		$ 51,000,000.0		
Forward Contract Indexed to Issuer's Equity, Shares	1,500,000							

XML 91 R73.htm IDEA: XBRL DOCUMENT

Equity (Schedule of Stock by Class - Preferred) (Details) - USD ($) $ / shares in Units, $ in Millions	3 Months Ended	12 Months Ended			
	Dec. 31, 2023	Dec. 31, 2024	Dec. 31, 2023	Dec. 01, 2023	Jun. 15, 2023
Class of Stock [Line Items]					
Preferred Stock, Liquidation Preference Per Share					$ 1,000
Preferred Stock, Shares Outstanding	40,000	0	40,000		
Preferred Stock, Value, Outstanding	$ 486.1	$ 0.0	$ 486.1		
Series A Preferred Stock					
Class of Stock [Line Items]					
Preferred Stock, Shares Outstanding					400,000
Preferred Stock, Dividends Per Share, Declared	$ 28.25				
Series B Preferred Stock					
Class of Stock [Line Items]					
Preferred Stock, Liquidation Preference Per Share		$ 25,000			
Preferred Stock, Dividends Per Share, Declared		$ 406.25	$ 1,625		
Series C Preferred Stock					
Class of Stock [Line Items]					
Preferred Stock, Shares Outstanding				862,500	

XML 92 R74.htm IDEA: XBRL DOCUMENT

Equity (Schedule of Equity Units) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Equity Units [Line Items]			
Purchase Contract Liability	$ 0.0	$ 0.0	$ 65.0

XML 93 R75.htm IDEA: XBRL DOCUMENT

Short-Term Borrowings (Narrative) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Short-term Debt [Line Items]			
Line of Credit Facility, Amount Outstanding	$ 0.0	$ 0.0	
Commercial paper outstanding	604.6	1,061.0	
Transfers Accounted for as Secured Borrowings, Associated Liabilities, Carrying Amount	0.0	337.6	
Cash from financing activities	337.6	9.6	
Accounts receivable securitization fees	1.5	2.7	$ 2.5
Termination Loans	1,000.0	$ 1,000.0	
Additional Term Credit	650.0		
Second TCA Debt Interest Rate		6.50%	
Debt Instrument, Interest Rate, Stated Percentage		6.41%	
Accounts Receivable Program			
Short-term Debt [Line Items]			
Seasonal Limit	175.0		
Commercial Paper			
Short-term Debt [Line Items]			
Revolving credit facility, maximum	$ 1,850.0	$ 1,500.0	
Short-term Debt, Weighted Average Interest Rate, at Point in Time	4.73%	5.65%	
Revolving Credit Facility			
Short-term Debt [Line Items]			
Revolving credit facility, maximum	$ 1,850.0		

XML 94 R76.htm IDEA: XBRL DOCUMENT

Long-Term Debt (Narrative) (Details) - USD ($) $ in Millions	Sep. 09, 2024	Jun. 24, 2024	May 16, 2024	Mar. 14, 2024	Jun. 08, 2023	Mar. 24, 2023	12 Months Ended	
							Dec. 31, 2024	Dec. 31, 2023
Debt Instrument [Line Items]								
Senior Notes							$ 12,103.0	$ 10,853.0
Interest rate on debt								6.41%
Debt Instrument, Convertible, Conversion Ratio							52.60%	
Security interest and other subset of asset							$ 200.0	
Asset sale covenant percentage of consolidated total assets							15.00%	
Cross default provision on default relating to any indebtedness							$ 75.0	
Percentage of additional subset of assets capped							10.00%	
Revolving credit percentage requirement in NIPSCO							70.00%	
Junior Subordinated Notes							$ 1,000.0	$ 0.0
NiSource								

Debt Instrument [Line Items]								
Senior Notes					$ 450.0			
NiSource | Senior Notes								
Debt Instrument [Line Items]								
Senior Notes					300.0	$ 750.0	$ 1,050.0	
Proceeds from Debt, Net of Issuance Costs					$ 742.5	$ 742.2		
Debt, Weighted Average Interest Rate					5.25%	5.25%		
NiSource | Medium-Term Note								
Debt Instrument [Line Items]								
Debt, Weighted Average Interest Rate							7.99%	
NiSource | Unsecured Debt								
Debt Instrument [Line Items]								
Debt, Weighted Average Interest Rate					5.40%			
NiSource | 5.35% Notes Due 2034								
Debt Instrument [Line Items]								
Senior Notes				$ 650.0			$ 650.0	0.0
Proceeds from Debt, Net of Issuance Costs				$ 642.6				
Debt, Weighted Average Interest Rate				5.35%			5.35%	
NiSource | 6.95% Notes due 2054								
Debt Instrument [Line Items]								
Proceeds from Debt, Net of Issuance Costs			$ 493.4					
Debt, Weighted Average Interest Rate			6.95%				6.95%	
Debt Instrument, Basis Spread on Variable Rate			2.451%					
Junior Subordinated Notes			$ 500.0				$ 500.0	0.0
NiSource | 5.20% Notes Due 2029								
Debt Instrument [Line Items]								
Senior Notes		$ 600.0					$ 600.0	0.0
Proceeds from Debt, Net of Issuance Costs		$ 593.7						
Debt, Weighted Average Interest Rate		5.20%					5.20%	
NiSource | 6.375% Notes due 2054								
Debt Instrument [Line Items]								
Proceeds from Debt, Net of Issuance Costs	$ 493.6							
Debt, Weighted Average Interest Rate	6.375%						6.375%	
Debt Instrument, Basis Spread on Variable Rate	2.527%							
Junior Subordinated Notes	$ 500.0						$ 500.0	$ 0.0
NIPSCO | Medium-Term Note								
Debt Instrument [Line Items]								
Debt, Weighted Average Interest Rate							7.644%	
Columbia Of Massachusetts | Medium-Term Note								
Debt Instrument [Line Items]								
Debt, Weighted Average Interest Rate							6.373%	
Maximum								
Debt Instrument [Line Items]								
Cross default provision on default relating to any indebtedness							$ 50.0	
Minimum								
Debt Instrument [Line Items]								
Cross default provision on default relating to any indebtedness							$ 5.0	
Revolving Credit Facility | Maximum								
Debt Instrument [Line Items]								
Debt Instrument, Convertible, Conversion Ratio							70.00%	

~~*XML 95 R77.htm IDEA: XBRL DOCUMENT*~~

Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Sep. 09, 2024**	**Jun. 24, 2024**	**May 16, 2024**	**Mar. 14, 2024**	**Dec. 31, 2023**	**Jun. 08, 2023**
Debt Instrument [Line Items]							
Medium-Term Notes	$ 102.0					$ 102.0	
Finance Lease, Liability	246.2					205.4	
Senior Notes	12,103.0					10,853.0	
Junior Subordinated Notes	1,000.0					0.0	
Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net	(95.5)					(81.1)	
Long-Term Debt, Current Maturities	(1,281.2)					(23.8)	
Long-term Debt, Excluding Current Maturities	13,355.7					11,079.3	
Long-term Debt and Lease Obligation	$ 12,074.5					11,055.5	
NiSource							
Debt Instrument [Line Items]							
Senior Notes							$ 450.0
NiSource | 0.95% Notes Due 2025							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	0.95%						
Senior Notes	$ 1,250.0					1,250.0	
NiSource | 3.49% Notes due 2027							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	3.49%						
Senior Notes	$ 1,000.0					1,000.0	
NiSource | 6.78% Notes Due 2027							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	6.78%						
Senior Notes	$ 3.0					3.0	
NiSource | 2.95% Notes Due 2029							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	2.95%						
Senior Notes	$ 750.0					750.0	
NiSource | 3.60% Notes Due 2030							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	3.60%						
Senior Notes	$ 1,000.0					1,000.0	
NiSource | 1.70% Notes Due 2031							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	1.70%						
Senior Notes	$ 750.0					750.0	
NiSource | 6.25% Notes Due 2040							
Debt Instrument [Line Items]							
Debt, Weighted Average Interest Rate	6.25%						
Senior Notes	$ 152.6					152.6	
NiSource | 5.95% Notes Due 2041							

Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.95%				
Senior Notes	$ 347.4				347.4
NiSource | 5.80% Notes Due 2042					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.80%				
Senior Notes	$ 250.0				250.0
NiSource | 5.25% Notes Due 2043					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.25%				
Senior Notes	$ 500.0				500.0
NiSource | 4.80% Notes due 2044					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	4.80%				
Senior Notes	$ 750.0				750.0
NiSource | 5.65% Notes Due 2045					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.65%				
Senior Notes	$ 500.0				500.0
NiSource | 4.375% Notes due 2047					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	4.375%				
Senior Notes	$ 1,000.0				1,000.0
NiSource | 3.95% Notes Due 2048					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	3.95%				
Senior Notes	$ 750.0				750.0
NiSource | Medium-Term Note					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	7.99%				
Medium-Term Notes	$ 29.0				29.0
NiSource | 5.00% Notes Due 2052					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.00%				
Senior Notes	$ 350.0				350.0
NiSource | 5.25% Notes Due 2028					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.25%				
Senior Notes	$ 1,050.0				1,050.0
NiSource | 5.40% Notes Due 2033					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.40%				
Senior Notes	$ 450.0				450.0
NiSource | 5.20% Notes Due 2029					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.20%		5.20%		
Senior Notes	$ 600.0		$ 600.0		0.0
NiSource | 5.35% Notes Due 2034					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.35%			5.35%	
Senior Notes	$ 650.0			$ 650.0	0.0
NiSource | 6.95% Notes due 2054					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	6.95%		6.95%		
Junior Subordinated Notes	$ 500.0		$ 500.0		0.0
NiSource | 6.375% Notes due 2054					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	6.375%	6.375%			
Junior Subordinated Notes	$ 500.0	$ 500.0			0.0
Columbia Of Massachusetts | Medium-Term Note					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	6.373%				
Medium-Term Notes	$ 15.0				15.0
NIPSCO | Medium-Term Note					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	7.644%				
Medium-Term Notes	$ 58.0				58.0
NIPSCO | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.25%				
Finance Lease, Liability	$ 124.3				61.2
Columbia Of Ohio | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	6.15%				
Finance Lease, Liability	$ 85.6				90.3
NiSource Corporate Services | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	3.47%				
Finance Lease, Liability	$ 14.6				30.5
Columbia Of Virginia | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	6.19%				
Finance Lease, Liability	$ 15.2				16.1
Columbia Of Kentucky | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	5.36%				
Finance Lease, Liability	$ 0.1				0.2
Columbia Of Pennsylvania | Finance Leases					
Debt Instrument [Line Items]					
Debt, Weighted Average Interest Rate	4.47%				
Finance Lease, Liability	$ 6.4				$ 7.1

Property, Plant and Equipment (Narrative) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Property, Plant and Equipment [Line Items]			

Depreciation	$ 820.4	$ 756.9	$ 685.0
Regulatory Deferral - Joint Venture	58.9	12.5	11.0
Capitalized Computer Software, Amortization	85.2	77.5	53.1
Capitalized Computer Software, Gross	236.1	205.6	
Capitalized Cloud Computing, Amortization	17.7	12.6	$ 11.1
Capitalized Cloud Computing, Gross	$ 77.5	$ 32.2	

XML 97 R79.htm IDEA: XBRL DOCUMENT

Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	$ 34,152.9	$ 30,482.1
Accumulated Depreciation and Amortization	(8,699.0)	(8,207.2)
Net Property, Plant and Equipment	25,453.9	22,274.9
Gas Distribution Utility		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	20,007.2	18,154.5
Accumulated Depreciation and Amortization	(4,166.8)	(3,924.4)
Electric Utility		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	8,666.8	7,907.9
Accumulated Depreciation and Amortization	(2,707.8)	(2,709.5)
Common Utility		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	248.1	274.2
Accumulated Depreciation and Amortization	(163.4)	(174.2)
Construction Work In Process		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	2,084.7	1,261.1
Renewable Generation Assets		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	1,434.2	1,434.4
Accumulated Depreciation and Amortization	(110.4)	(64.5)
Non-Utility And Other		
Property, Plant and Equipment [Line Items]		
Property Plant and Equipment	1,711.9	1,450.0
Accumulated Depreciation and Amortization	$ (1,550.6)	$ (1,334.6)

XML 98 R80.htm IDEA: XBRL DOCUMENT

Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details)	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Electric Operations			
Property, Plant and Equipment [Line Items]			
Depreciation Provisions For Utility Plant Percentage	3.00%	3.00%	2.70%
Gas Distribution Operations			
Property, Plant and Equipment [Line Items]			
Depreciation Provisions For Utility Plant Percentage	2.60%	2.50%	2.40%

XML 99 R81.htm IDEA: XBRL DOCUMENT

Goodwill and Other Intangible Assets (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Goodwill And Other Intangible Assets [Line Items]		
Goodwill	$ 1,485.9	$ 1,485.9
Gas Distribution Operations		
Goodwill And Other Intangible Assets [Line Items]		
Goodwill	$ 1,485.9	$ 1,485.9

XML 100 R82.htm IDEA: XBRL DOCUMENT

Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details) - USD ($) $ in Millions	6 Months Ended	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Beginning Balance		$ 480.5		
Accretion recorded as a regulatory asset		25.3	$ 20.0	
Additions		189.9	23.5	
Settlements		(72.5)	(41.6)	
Change in estimated cash flows		87.5	37.6	
Asset Retirement Obligation	$ 783.2	783.2	553.0	$ 513.5
Ending Balance	698.6	698.6	480.5	
Assets recorded for asset retirement obligations		$ 277.4	$ 61.1	$ 6.3
Asset Retirement Obligation, Period Increase (Decrease)	$ 149.7			

XML 101 R83.htm IDEA: XBRL DOCUMENT

Regulatory Matters (Narrative) (Details) $ in Millions	Dec. 31, 2024 USD ($) MW	Dec. 31, 2023 USD ($)
Regulatory Assets and Liabilities Disclosure [Line Items]		
Remaining Amounts of Regulatory Assets for which No Return on Investment During Recovery Period is Provided	$ 671.3	$ 716.4
COVID-19 related regulatory asset	2,477.3	2,460.2
Regulatory Liabilities	1,581.7	1,789.3
Annual Revenue Increase from Joint Stipulation and Proposed Settlements	$ 28.2	
Minimum		
Regulatory Assets and Liabilities Disclosure [Line Items]		
Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided	15 years	
Maximum		
Regulatory Assets and Liabilities Disclosure [Line Items]		
Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided	75 years	
Overrecovered Gas And Fuel Costs		
Regulatory Assets and Liabilities Disclosure [Line Items]		

Regulatory Liabilities	$ 21.4	$ 144.5
NIPSCO		
Regulatory Assets and Liabilities Disclosure [Line Items]		
Gas Peaker Capacity | MW	400	

XML 102 R84.htm IDEA: XBRL DOCUMENT

Regulatory Matters (Regulatory Assets) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Regulated Operations [Line Items]		
Total Assets	$ 2,477.3	$ 2,460.2
Regulatory Assets, Current	319.9	214.3
Regulatory Assets, Noncurrent	2,157.4	2,245.9
Unrecognized Pension Benefit And Other Postretirement Benefit Costs		
Regulated Operations [Line Items]		
Total Assets	485.3	561.6
Other Postretirement Costs		
Regulated Operations [Line Items]		
Total Assets	45.3	59.7
Environmental Costs		
Regulated Operations [Line Items]		
Total Assets	42.8	40.6
Regulatory Effects Of Accounting For Income Taxes		
Regulated Operations [Line Items]		
Total Assets	172.0	163.5
Underrecovered Gas And Fuel Costs		
Regulated Operations [Line Items]		
Total Assets	82.3	12.7
Depreciation		
Regulated Operations [Line Items]		
Total Assets	214.9	201.9
Post-In Service Carrying Charges		
Regulated Operations [Line Items]		
Total Assets	280.8	269.9
Safety Activity Costs		
Regulated Operations [Line Items]		
Total Assets	203.7	206.6
DSM Program		
Regulated Operations [Line Items]		
Total Assets	17.8	25.0
Retired coal generating stations		
Regulated Operations [Line Items]		
Total Assets	617.0	682.0
Deferred Derivative Gain (Loss)		
Regulated Operations [Line Items]		
Total Assets	6.5	24.4
Deferred Property Taxes		
Regulated Operations [Line Items]		
Total Assets	75.9	72.3
Renewable Energy Program		
Regulated Operations [Line Items]		
Total Assets	81.3	60.8
Other Assets		
Regulated Operations [Line Items]		
Total Assets	105.8	79.2
Work and Asset Management enterprise resourcing system		
Regulated Operations [Line Items]		
Total Assets	21.5	0.0
Customer Assistance Programs		
Regulated Operations [Line Items]		
Total Assets	$ 24.4	$ 0.0

XML 103 R85.htm IDEA: XBRL DOCUMENT

Regulatory Matters (Regulatory Liabilities) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Regulated Operations [Line Items]		
Regulatory Liabilities	$ 1,581.7	$ 1,789.3
Regulatory Liability, Current	150.5	278.6
Regulatory Liability, Noncurrent	1,431.2	1,510.7
Deferred Derivative Gain (Loss)		
Regulated Operations [Line Items]		
Regulatory Liabilities	28.7	23.3
Customer Assistance Programs		
Regulated Operations [Line Items]		
Regulatory Liabilities	9.4	19.8
Rate Refunds		
Regulated Operations [Line Items]		
Regulatory Liabilities	16.6	16.1
Off-Systems sales sharing		
Regulated Operations [Line Items]		
Regulatory Liabilities	21.4	19.0
HLBV Adjustments under ASC 980		
Regulated Operations [Line Items]		
Regulatory Liabilities	77.0	18.1
Overrecovered Gas And Fuel Costs		
Regulated Operations [Line Items]		
Regulatory Liabilities	21.4	144.5
Cost Of Removal		
Regulated Operations [Line Items]		
Regulatory Liabilities	482.8	597.2
Regulatory Effects Of Accounting For Income Taxes		
Regulated Operations [Line Items]		
Regulatory Liabilities	827.0	849.9
Other Postretirement Costs		
Regulated Operations [Line Items]		
Regulatory Liabilities	40.4	54.0
Other Liabilities		

Regulated Operations [Line Items]		
Regulatory Liabilities	$ 57.0	$ 47.4

XML 104 R86.htm IDEA: XBRL DOCUMENT

Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Regulatory Matters COVID [Line Items]		
COVID-19 related regulatory asset	$ 2,477.3	$ 2,460.2

XML 105 R87.htm IDEA: XBRL DOCUMENT

Risk Management Activities (Narrative) (Details) mMDth in Millions, $ in Millions	12 Months Ended			
	Dec. 31, 2024 USD ($) mMDth	Dec. 31, 2023 USD ($) mMDth	Jun. 08, 2023 USD ($)	Mar. 24, 2023 USD ($)
Derivative [Line Items]				
Limit of GCA Volumes	20.00%			
Derivative Asset	$ 27.0	$ 23.3		
Senior Notes	12,103.0	10,853.0		
Derivative Asset, Subject to Master Netting Arrangement, after Offset	$ 23.5	13.9		
Customer annual demand	20.00%			
Other Current Assets				
Derivative [Line Items]				
Derivative Asset	$ 9.1	$ 1.1		
NiSource				
Derivative [Line Items]				
Senior Notes			$ 450.0	
Senior Notes | NiSource				
Derivative [Line Items]				
Senior Notes	$ 1,050.0		$ 300.0	$ 750.0
Debt, Weighted Average Interest Rate			5.25%	5.25%
Minimum				
Derivative [Line Items]				
Commodity Contract Length	1 year			
Maximum				
Derivative [Line Items]				
Commodity Contract Length	3 years			
Natural Gas				
Derivative [Line Items]				
Derivative, Nonmonetary Notional Amount | mMDth	77.8	76.1		

XML 106 R88.htm IDEA: XBRL DOCUMENT

Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Derivatives, Fair Value [Line Items]		
Derivative Asset	$ 27.0	$ 23.3
Derivative Liability	3.5	9.4
Other Current Assets		
Derivatives, Fair Value [Line Items]		
Derivative Asset	9.1	1.1
Other Current Liabilities		
Derivatives, Fair Value [Line Items]		
Derivative Liability	2.3	7.5
Other Assets		
Derivatives, Fair Value [Line Items]		
Derivative Asset	17.9	22.2
Other Liabilities		
Derivatives, Fair Value [Line Items]		
Derivative Liability	1.2	1.9
Commodity price risk programs | Other Current Assets		
Derivatives, Fair Value [Line Items]		
Derivative Asset	9.1	1.1
Commodity price risk programs | Other Current Liabilities		
Derivatives, Fair Value [Line Items]		
Derivative Liability	2.3	7.5
Commodity price risk programs | Other Assets		
Derivatives, Fair Value [Line Items]		
Derivative Asset	17.9	22.2
Commodity price risk programs | Other Liabilities		
Derivatives, Fair Value [Line Items]		
Derivative Liability	$ 1.2	$ 1.9

XML 107 R89.htm IDEA: XBRL DOCUMENT

Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items]			
Net current-period other comprehensive income (loss)	$ 3.2	$ 3.5	$ 89.7
Interest rate risk programs			
Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items]			
Net current-period other comprehensive income (loss)	$ (0.4)		

XML 108 R90.htm IDEA: XBRL DOCUMENT

Fair Value (Narrative) (Details) - USD ($) $ in Millions	12 Months Ended	
	Dec. 31, 2024	Dec. 31, 2023
Fair Value Disclosure [Line Items]		
Transfers between Fair Value Hierarchies	$ 0.0	$ 0.0
Allowance for Credit Loss	0.1	0.6
Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis, Unobservable Inputs Reconciliation, Period Increase (Decrease)	0.0	
Debt Securities, Available-for-Sale, Realized Gain (Loss)	(2.3)	(1.0)
U.S. Treasury debt securities		

Fair Value Disclosure [Line Items]		
Allowance for Credit Loss		0.0
Corporate/Other debt securities		
Fair Value Disclosure [Line Items]		
Allowance for Credit Loss	0.1	$ 0.6
Available-for-sale securities, maturities of less than a year	$ 10.9	

XML 109 R91.htm IDEA: XBRL DOCUMENT

Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**
Fair Value Assets And Liabilities Measured On Recurring Basis [Line Items]		
Risk management assets	$ 27.0	$ 23.3
Available-for-sale debt securities	86.7	159.1
Total	193.8	182.4
Risk management liabilities	3.5	9.4
Total	3.5	9.4
Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value	80.1	
Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Fair Value Assets And Liabilities Measured On Recurring Basis [Line Items]		
Risk management assets	0.0	0.0
Available-for-sale debt securities	0.0	0.0
Total	80.1	0.0
Risk management liabilities	0.0	0.0
Total	0.0	0.0
Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value	80.1	
Significant Other Observable Inputs (Level 2) [Member]		
Fair Value Assets And Liabilities Measured On Recurring Basis [Line Items]		
Risk management assets		23.3
Available-for-sale debt securities	86.7	159.1
Total	113.7	182.4
Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag		9.4
Risk management liabilities	3.5	
Total	3.5	9.4
Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag	27.0	
Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value	0.0	
Significant Unobservable Inputs (Level 3) [Member]		
Fair Value Assets And Liabilities Measured On Recurring Basis [Line Items]		
Risk management assets	0.0	0.0
Available-for-sale debt securities	0.0	0.0
Total	0.0	0.0
Risk management liabilities	0.0	0.0
Total	0.0	$ 0.0
Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value	$ 0.0	

XML 110 R92.htm IDEA: XBRL DOCUMENT

Fair Value (Available-For-Sale Securities) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**
Fair Value Disclosure [Line Items]		
Amortized Cost	$ 91.9	$ 169.0
Gross Unrealized Gains	0.5	0.8
Gross Unrealized Losses	5.6	10.1
Allowance for Credit Loss	(0.1)	(0.6)
Fair Value	86.7	159.1
U.S. Treasury debt securities		
Fair Value Disclosure [Line Items]		
Amortized Cost		63.8
Gross Unrealized Gains		0.0
Gross Unrealized Losses		3.2
Allowance for Credit Loss		0.0
Fair Value		60.6
Debt Securities, Available-for-sale, Unrealized Loss Position		58.7
Corporate/Other debt securities		
Fair Value Disclosure [Line Items]		
Amortized Cost	91.9	105.2
Gross Unrealized Gains	0.5	0.8
Gross Unrealized Losses	5.6	6.9
Allowance for Credit Loss	(0.1)	(0.6)
Fair Value	86.7	98.5
Debt Securities, Available-for-sale, Unrealized Loss Position	$ 70.1	$ 74.8

XML 111 R93.htm IDEA: XBRL DOCUMENT

Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**
Fair Value Disclosures [Abstract]		
Long-term debt (including current portion), Carrying Amount	$ 13,355.7	$ 11,079.3
Long-term debt (including current portion), Estimated Fair Value	$ 12,505.2	$ 10,370.9

XML 112 R94.htm IDEA: XBRL DOCUMENT

Income Taxes (Narrative) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Income Taxes [Line Items]			
Deferred Tax Assets, Operating Loss Carryforwards	$ 369.4	$ 422.9	
Deferred Tax Assets, Valuation Allowance	6.4	6.4	
Book income before income taxes	1,002.8	813.9	$ 956.4
Tax expense (benefit) at statutory federal income tax rate, value	$ 210.6	$ 170.8	$ 200.8
Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent	21.00%	21.00%	21.00%
State income taxes, net of federal income tax benefit, value	$ 11.7	$ 13.7	$ 4.5
State income taxes, net of federal income tax benefit, rate	1.20%	1.70%	0.50%
Amortization of regulatory liabilities, value	$ (11.1)	$ (38.2)	$ (38.5)
Amortization of regulatory liabilities, rate	(1.10%)	(4.70%)	(4.00%)
Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Amount	$ (1.3)	$ (1.3)	$ (1.2)

Employee stock ownership plan dividends and other compensation, rate	(0.10%)	(0.20%)	(0.10%)
Effective Income Tax Rate Reconciliation, Tax Credit, Amount	$ (23.3)	$ (4.9)	$ (2.3)
Effective Income Tax Rate Reconciliation, Tax Credit, Percent	(2.30%)	(0.60%)	(0.20%)
Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Percent	(2.70%)		
Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Amount	$ (27.3)	$ 0.0	
Other adjustments, value	$ (1.2)	$ (0.6)	$ 1.3
Other adjustments, rate	(0.20%)	0.10%	0.00%
Income Taxes	$ 158.1	$ 139.5	$ 164.6
Effective Income Tax Rate Reconciliation, Percent	15.80%	17.10%	17.20%
Deferred Federal Income Tax Expense (Benefit)	$ (389.9)		
Increase (Decrease) in Tax Expense	18.6	$ (25.1)	
Operating Loss Carryforwards	21.7	21.7	$ 21.7
Decrease in Amortization of Regulatory Liabilities	$ 7.9		
NiSource			
Income Taxes [Line Items]			
Subsidiary, Ownership Percentage, Parent	80.10%		
Investment Tax Credit Carryforward			
Income Taxes [Line Items]			
Deferred Tax Assets, Valuation Allowance	$ 0.0		
Deferred Federal Income Tax Expense (Benefit)	(2.2)		
Investment Tax Credit	0.1	$ 2.1	$ 0.0
Federal production tax credits			
Income Taxes [Line Items]			
Deferred Tax Assets, Valuation Allowance	0.0		
Deferred Federal Income Tax Expense (Benefit)	(1.0)		
Federal other credit			
Income Taxes [Line Items]			
Deferred Tax Assets, Valuation Allowance	0.0		
Deferred Federal Income Tax Expense (Benefit)	(17.3)		
State and Local Jurisdiction			
Income Taxes [Line Items]			
Deferred Federal, State and Local, Tax Expense (Benefit)	81.9		
Domestic Tax Jurisdiction			
Income Taxes [Line Items]			
Deferred Federal Income Tax Expense (Benefit)	(287.5)		
State and Local Jurisdiction			
Income Taxes [Line Items]			
Deferred Tax Assets, Valuation Allowance	6.4		
Operating Loss Carryforwards	2,024.4		
Domestic Tax Jurisdiction			
Income Taxes [Line Items]			
Deferred Tax Assets, Valuation Allowance	0.0		
Operating Loss Carryforwards	$ 1,369.1		

~~*XML 113 R95.htm IDEA: XBRL DOCUMENT*~~

Income Taxes (Schedule Of Components Of Income Tax Expense) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Current			
Federal	$ (19.3)	$ 0.0	$ 0.4
State	9.4	5.3	7.3
Total Current	(9.9)	5.3	7.7
Deferred			
Federal	389.9		
State	2.6	22.5	(23.0)
Total Deferred	168.8	135.2	158.0
Deferred Investment Credits	(0.8)	(1.0)	(1.1)
Income Taxes	158.1	139.5	164.6
Investment Tax Credit Carryforward			
Deferred			
Federal	2.2		
Investment Tax Credit	(0.1)	(2.1)	0.0
Operating loss carryforward and investment credits			
Deferred			
Federal	105.9	49.7	87.9
Utilization expense of operating loss carryforwards			
Deferred			
Federal	$ 60.4	$ 65.1	$ 93.1

~~*XML 114 R96.htm IDEA: XBRL DOCUMENT*~~

Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Line Items]			
Book income before income taxes	$ 1,002.8	$ 813.9	$ 956.4
Tax expense (benefit) at statutory federal income tax rate, value	$ 210.6	$ 170.8	$ 200.8
Tax expense (benefit) at statutory federal income tax rate, rate	21.00%	21.00%	21.00%
Increases (reductions) in taxes resulting from:			
State income taxes, net of federal income tax benefit, value	$ 11.7	$ 13.7	$ 4.5
State income taxes, net of federal income tax benefit, rate	1.20%	1.70%	0.50%
Amortization of regulatory liabilities, value	$ (11.1)	$ (38.2)	$ (38.5)
Amortization of regulatory liabilities, rate	1.10%	4.70%	4.00%
Employee stock ownership plan dividends and other compensation, value	$ (1.3)	$ (1.3)	$ (1.2)
Employee stock ownership plan dividends and other compensation, rate	(0.10%)	(0.20%)	(0.10%)
Effective Income Tax Rate Reconciliation, Tax Credit, Amount	$ (23.3)	$ (4.9)	$ (2.3)
Effective Income Tax Rate Reconciliation, Tax Credit, Percent	(2.30%)	(0.60%)	(0.20%)
Other adjustments, value	$ (1.2)	$ (0.6)	$ 1.3
Other adjustments, rate	0.20%	(0.10%)	0.00%
Income Taxes	$ 158.1	$ 139.5	$ 164.6
Income Taxes, rate	15.80%	17.10%	17.20%

~~*XML 115 R97.htm IDEA: XBRL DOCUMENT*~~

Income Taxes (Schedule Of Principal Components Of Net Deferred Tax		
	Dec. 31, 2024	**Dec. 31, 2023**

Liability) (Details) - USD ($) $ in Millions		
Deferred Tax Liabilities		
Accelerated depreciation and other property differences	$ 1,419.4	$ 1,384.8
Partnership basis differences	1,328.6	1,241.9
Other regulatory assets	210.1	212.1
Total Deferred Tax Liabilities	2,958.1	2,838.8
Deferred Tax Assets		
Other regulatory liabilities and deferred investment tax credits (including TCJA)	170.4	182.2
Pension and other postretirement/postemployment benefits	58.8	58.6
Net operating loss carryforward and AMT credit carryforward	369.4	422.9
Environmental liabilities	12.2	10.1
Other accrued liabilities	43.4	40.3
Other, net	28.7	50.7
Total Deferred Tax Assets	682.9	764.8
Deferred Tax Assets, Valuation Allowance	(6.4)	(6.4)
Deferred Tax Assets, Net of Valuation Allowance	676.5	758.4
Net Deferred Tax Liabilities	$ 2,281.6	$ 2,080.4

~~*XML 116 R98.htm IDEA: XBRL DOCUMENT*~~

Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Income Tax Disclosure [Abstract]			
Unrecognized Tax Benefits - Opening Balance	$ 21.7	$ 21.7	$ 21.7
Gross decreases - tax positions in prior period	0.0	0.0	0.0
Gross increases - current period tax positions	0.0	0.0	0.0
Unrecognized Tax Benefits - Ending Balance	21.7	21.7	21.7
Offset for net operating loss carryforwards	(21.7)	(21.7)	(21.7)
Balance - Less Net Operating Loss Carryforwards	0.0	0.0	$ 0.0
Increase (Decrease) in Tax Expense	$ 18.6	$ (25.1)	

~~*XML 117 R99.htm IDEA: XBRL DOCUMENT*~~

Pension and Other Postretirement Benefits (Narrative) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Defined Benefit Plan Disclosure [Line Items]			
COVID-19 related regulatory asset	$ 2,477.3	$ 2,460.2	
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Accumulated Benefit Obligation	1,278.4	1,390.9	
Funded status of plan	(49.1)	(25.0)	
Employer contributions	2.4	3.1	
Settlement loss	7.2	$ 9.2	$ 12.4
Expected contribution	$ 2.3		
Expected return on plan assets	7.02%	7.00%	4.80%
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Funded status of plan	$ 193.1	$ 232.3	
Employer contributions	23.6	23.4	
Settlement loss	0.0	$ 0.0	$ 0.0
Expected contribution	$ 21.3		
Expected return on plan assets	7.06%	6.96%	5.72%
Unrecognized Pension Benefit And Other Postretirement Benefit Costs			
Defined Benefit Plan Disclosure [Line Items]			
COVID-19 related regulatory asset	$ 485.3	$ 561.6	

~~*XML 118 R100.htm IDEA: XBRL DOCUMENT*~~

Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details)	Dec. 31, 2024	Dec. 31, 2023
Minimum | Domestic Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Minimum | Domestic Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Minimum | International Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	5.00%	5.00%
Minimum | International Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Minimum | Fixed Income | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	65.00%	
Minimum | Fixed Income | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	20.00%	
Minimum | Real Estate [Member] | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	
Minimum | Real Estate [Member] | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	
Minimum | Real Estate | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Minimum | Real Estate | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Minimum | Short-Term Investments | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%

Minimum | Short-Term Investments | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Minimum | Private Equity | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Minimum | Private Equity | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Maximum | Domestic Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	30.00%	30.00%
Maximum | Domestic Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	55.00%	55.00%
Maximum | International Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	15.00%	15.00%
Maximum | International Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	25.00%	25.00%
Maximum | Fixed Income | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	75.00%	
Maximum | Fixed Income | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	100.00%	
Maximum | Real Estate [Member] | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	
Maximum | Real Estate [Member] | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	
Maximum | Real Estate | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Maximum | Real Estate | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Maximum | Short-Term Investments | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Maximum | Short-Term Investments | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Maximum | Private Equity | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	3.00%	3.00%
Maximum | Private Equity | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%

Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details)	**Dec. 31, 2024**	**Dec. 31, 2023**
Pension Plan | Domestic Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Pension Plan | Domestic Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	30.00%	30.00%
Pension Plan | International Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	5.00%	5.00%
Pension Plan | International Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	15.00%	15.00%
Pension Plan | Fixed Income | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		65.00%
Pension Plan | Fixed Income | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		75.00%
Pension Plan | Real Estate | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Pension Plan | Real Estate | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Pension Plan | Short-Term Investments | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Pension Plan | Short-Term Investments | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Pension Plan | Private Equity | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Pension Plan | Private Equity | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	3.00%	3.00%
Other Postretirement Benefits | Domestic Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Other Postretirement Benefits | Domestic Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		

Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	55.00%	55.00%
Other Postretirement Benefits | International Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Other Postretirement Benefits | International Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	25.00%	25.00%
Other Postretirement Benefits | Fixed Income | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		20.00%
Other Postretirement Benefits | Fixed Income | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		100.00%
Other Postretirement Benefits | Real Estate | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Other Postretirement Benefits | Real Estate | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage		0.00%
Other Postretirement Benefits | Short-Term Investments | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Other Postretirement Benefits | Short-Term Investments | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	10.00%	10.00%
Other Postretirement Benefits | Private Equity | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%
Other Postretirement Benefits | Private Equity | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Target Allocation, Percentage	0.00%	0.00%

~~XML 120 R102.htm IDEA: XBRL DOCUMENT~~

Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**	**Dec. 31, 2022**
Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 1,579.9	$ 1,663.6	
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Percentage of total asset	100.00%	100.00%	
Noncurrent assets	$ 66.5	$ 44.1	
Pension Plan | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	1,336.5	$ 1,426.8	$ 1,422.8
Noncurrent assets	$ 1,336.4		
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Percentage of total asset	100.00%	100.00%	
Noncurrent assets	$ 0.0	$ 0.0	
Other Postretirement Benefits | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	243.2	236.5	$ 224.9
Noncurrent assets	243.5		
Domestic Equities | Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 258.9	$ 261.7	
Percentage of total asset	19.40%	18.30%	
Domestic Equities | Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 99.6	$ 93.7	
Percentage of total asset	40.90%	39.60%	
International Equities | Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 122.5	$ 141.9	
Percentage of total asset	9.20%	9.90%	
International Equities | Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 40.7	$ 40.7	
Percentage of total asset	16.70%	17.20%	
Fixed Income | Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 891.2	$ 939.9	
Percentage of total asset	66.70%	65.90%	
Fixed Income | Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 96.5	$ 97.0	
Percentage of total asset	39.60%	41.00%	
Real Estate | Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 4.0	$ 4.0	
Percentage of total asset	0.30%	0.30%	
Real Estate | Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 0.0	$ 0.0	
Percentage of total asset	0.00%	0.00%	
Cash/Other [Member] | Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 59.8	$ 79.3	
Percentage of total asset	4.40%	5.60%	
Cash/Other [Member] | Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 6.7	$ 5.1	

Percentage of total asset	2.80%	2.20%
Commingled Funds | Short-Term Money Markets | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	$ 45.9	$ 65.3
Commingled Funds | Short-Term Money Markets | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	6.7	5.2
Commingled Funds | International Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	65.3	102.3
Commingled Funds | International Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	24.2	22.8
Commingled Funds | Fixed Income | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	214.1	242.2
Commingled Funds | United States Equities | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	202.8	148.5
Commingled Funds | United States Equities | Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	$ 12.2	$ 11.4

~~XML 121 R103.htm IDEA: XBRL DOCUMENT~~

Pension and Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details) - USD ($) $ in Millions	**Dec. 31, 2024**	**Dec. 31, 2023**	**Dec. 31, 2022**
Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		$ 360.6	
Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	$ 323.7		
Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	677.0	695.2	
Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	1,579.9	1,663.6	
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	1,327.6	1,421.0	
Pension Plan | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items		154.7	
Pension Plan | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	114.4		
Pension Plan | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	677.1	697.9	
Pension Plan | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	0.0	0.0	
Pension Plan | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	1,336.5	1,426.8	$ 1,422.8
Pension Plan | Cash [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	1.2	2.2	
Pension Plan | Cash [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		2.0	
Pension Plan | Cash [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	1.1		
Pension Plan | Cash [Member] | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.1	0.2	
Pension Plan | Cash [Member] | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Pension Plan | International Equities			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	122.5	141.9	
Pension Plan | Fixed Income			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	891.2	939.9	
Pension Plan | Equity Securities [Member] | United States Equities			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		1.1	
Pension Plan | Equity Securities [Member] | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		1.1	
Pension Plan | Equity Securities [Member] | United States Equities | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Pension Plan | Equity Securities [Member] | United States Equities | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Pension Plan | Fixed Income | Government			
Defined Benefit Plan Disclosure [Line Items]			

Defined Benefit Plan, Plan Assets, Amount	186.8	213.1
Pension Plan | Fixed Income | Government | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Fixed Income | Government | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Fixed Income | Government | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	186.8	213.1
Pension Plan | Fixed Income | Government | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Fixed Income | Corporate/Other debt securities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	486.6	482.2
Pension Plan | Fixed Income | Corporate/Other debt securities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Fixed Income | Corporate/Other debt securities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Fixed Income | Corporate/Other debt securities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	486.6	482.2
Pension Plan | Fixed Income | Corporate/Other debt securities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Fixed Income | Mortgages/ Asset backed securities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	3.6	2.4
Pension Plan | Fixed Income | Mortgages/ Asset backed securities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Fixed Income | Mortgages/ Asset backed securities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	3.6	2.4
Pension Plan | Fixed Income | Mortgages/ Asset backed securities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | International Equities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	65.3	102.3
Pension Plan | Commingled Funds | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Commingled Funds | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Commingled Funds | International Equities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | International Equities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | Fixed Income		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	214.1	242.2
Pension Plan | Commingled Funds | Fixed Income | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Commingled Funds | Fixed Income | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Commingled Funds | Fixed Income | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | Fixed Income | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | United States Equities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	202.8	148.5
Pension Plan | Commingled Funds | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Commingled Funds | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Commingled Funds | United States Equities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | United States Equities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | Short-Term Money Markets		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	45.9	65.3
Pension Plan | Commingled Funds | Short-Term Money Markets | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Commingled Funds | Short-Term Money Markets | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	

Pension Plan | Commingled Funds | Short-Term Money Markets | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Commingled Funds | Short-Term Money Markets | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | U.S. Multi-Strategy [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	3.1	4.8
Pension Plan | Private Equity Limited Partnerships [Member] | U.S. Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Private Equity Limited Partnerships [Member] | U.S. Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Private Equity Limited Partnerships [Member] | U.S. Multi-Strategy [Member] | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | U.S. Multi-Strategy [Member] | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | International Multi-Strategy [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.8	1.2
Pension Plan | Private Equity Limited Partnerships [Member] | International Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Private Equity Limited Partnerships [Member] | International Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Private Equity Limited Partnerships [Member] | International Multi-Strategy [Member] | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | International Multi-Strategy [Member] | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | Distressed Opportunities [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.1	0.1
Pension Plan | Private Equity Limited Partnerships [Member] | Distressed Opportunities [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Private Equity Limited Partnerships [Member] | Distressed Opportunities [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Private Equity Limited Partnerships [Member] | Distressed Opportunities [Member] | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Private Equity Limited Partnerships [Member] | Distressed Opportunities [Member] | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Real Estate [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	4.0	4.0
Pension Plan | Real Estate [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		0.0
Pension Plan | Real Estate [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Pension Plan | Real Estate [Member] | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Real Estate [Member] | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Mutual Funds [Member] | International Equities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	57.2	38.5
Pension Plan | Mutual Funds [Member] | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		38.5
Pension Plan | Mutual Funds [Member] | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	57.2	
Pension Plan | Mutual Funds [Member] | International Equities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Mutual Funds [Member] | International Equities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Pension Plan | Mutual Funds [Member] | U.S. Multi-Strategy [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	56.1	113.1
Pension Plan | Mutual Funds [Member] | U.S. Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		113.1
Pension Plan | Mutual Funds [Member] | U.S. Multi-Strategy [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		

Defined Benefit Plan, Plan Assets, Amount	56.1		
Pension Plan | Mutual Funds [Member] | U.S. Multi-Strategy [Member] | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Pension Plan | Mutual Funds [Member] | U.S. Multi-Strategy [Member] | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	243.5	236.8	
Other Postretirement Benefits | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items		197.4	
Other Postretirement Benefits | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	200.4		
Other Postretirement Benefits | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	0.0	0.0	
Other Postretirement Benefits | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items	0.0	0.0	
Other Postretirement Benefits | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	243.2	236.5	$ 224.9
Other Postretirement Benefits | International Equities			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	40.7	40.7	
Other Postretirement Benefits | Fixed Income			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	96.5	97.0	
Other Postretirement Benefits | Due To Brokers Net [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	(0.1)	(2.7)	
Other Postretirement Benefits | Due To Brokers Net [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Other Postretirement Benefits | Due To Brokers Net [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0		
Other Postretirement Benefits | Due To Brokers Net [Member] | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	(0.1)	(2.7)	
Other Postretirement Benefits | Due To Brokers Net [Member] | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Accrued Investment Income Dividends [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	8.9	8.5	
Other Postretirement Benefits | Accrued Investment Income Dividends [Member] | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	8.9	8.5	
Other Postretirement Benefits | Accrued Investment Income Dividends [Member] | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Other Postretirement Benefits | Accrued Investment Income Dividends [Member] | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Commingled Funds | International Equities			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	24.2	22.8	
Other Postretirement Benefits | Commingled Funds | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Other Postretirement Benefits | Commingled Funds | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0		
Other Postretirement Benefits | Commingled Funds | International Equities | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Commingled Funds | International Equities | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Commingled Funds | United States Equities			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	12.2	11.4	
Other Postretirement Benefits | Commingled Funds | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	
Other Postretirement Benefits | Commingled Funds | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0		
Other Postretirement Benefits | Commingled Funds | United States Equities | Significant Other Observable Inputs (Level 2) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Commingled Funds | United States Equities | Significant Unobservable Inputs (Level 3) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0	
Other Postretirement Benefits | Commingled Funds | Short-Term Money Markets			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount	6.7	5.2	
Other Postretirement Benefits | Commingled Funds | Short-Term Money Markets | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Defined Benefit Plan, Plan Assets, Amount		0.0	

Other Postretirement Benefits | Commingled Funds | Short-Term Money Markets | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	
Other Postretirement Benefits | Commingled Funds | Short-Term Money Markets | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Commingled Funds | Short-Term Money Markets | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | International Equities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	16.5	18.0
Other Postretirement Benefits | Mutual Funds [Member] | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		18.0
Other Postretirement Benefits | Mutual Funds [Member] | International Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	16.5	
Other Postretirement Benefits | Mutual Funds [Member] | International Equities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | International Equities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | Fixed Income		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	96.5	97.0
Other Postretirement Benefits | Mutual Funds [Member] | Fixed Income | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		97.0
Other Postretirement Benefits | Mutual Funds [Member] | Fixed Income | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	96.5	
Other Postretirement Benefits | Mutual Funds [Member] | Fixed Income | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | Fixed Income | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | United States Equities		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	87.4	82.4
Other Postretirement Benefits | Mutual Funds [Member] | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount		82.4
Other Postretirement Benefits | Mutual Funds [Member] | United States Equities | Quoted Prices In Active Markets For Identical Assets (Level 1) [Member] | Fair Value, Recurring		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	87.4	
Other Postretirement Benefits | Mutual Funds [Member] | United States Equities | Significant Other Observable Inputs (Level 2) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Other Postretirement Benefits | Mutual Funds [Member] | United States Equities | Significant Unobservable Inputs (Level 3) [Member]		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	0.0	0.0
Underfunded Plan [Member] | Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Defined Benefit Plan, Plan Assets, Amount	$ 1,336.4	$ 1,426.8

Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details) - USD ($) $ in Millions	12 Months Ended	
	Dec. 31, 2024	Dec. 31, 2023
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	$ 579.2	$ 607.8
Private Equity and Real Estate Limited Partnerships		
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	8.0	10.1
Commingled Funds | Short-Term Money Markets		
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	$ 52.6	$ 70.5
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency	Daily	Daily
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	1 day	1 day
Commingled Funds | United States Equities		
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	$ 215.0	$ 159.9
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency	Daily	Daily
Commingled Funds | United States Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	5 days	5 days
Commingled Funds | United States Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	1 day	1 day
Commingled Funds | International Equities		
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	$ 89.5	$ 125.1
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency	Monthly	Monthly
Commingled Funds | International Equities | Maximum		
Defined Benefit Plan Disclosure [Line Items]		
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	30 days	30 days
Commingled Funds | International Equities | Minimum		
Defined Benefit Plan Disclosure [Line Items]		
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	10 days	10 days

Commingled Funds | Fixed Income Funds		
Defined Benefit Plan Disclosure [Line Items]		
Net Asset Value Excluded From Fair Value By Input	$ 214.1	$ 242.2
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency	Daily	Daily
Fair Value, Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period	3 days	3 days

XML 123 R105.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Defined Benefit Plan Disclosure [Line Items]			
Noncurrent liabilities	$ (192.1)	$ (231.3)	
COVID-19 related regulatory asset	2,477.3	2,460.2	
Regulatory Liabilities	1,581.7	1,789.3	
Unrecognized Pension Benefit And Other Postretirement Benefit Costs			
Defined Benefit Plan Disclosure [Line Items]			
Regulatory Liabilities	0.0	0.0	
Unrecognized Pension Benefit And Other Postretirement Benefit Costs			
Defined Benefit Plan Disclosure [Line Items]			
COVID-19 related regulatory asset	485.3	561.6	
Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Fair value of plan assets at beginning of year	1,663.6		
Fair value of plan assets at end of year	1,579.9	1,663.6	
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Benefit obligation at beginning of year	1,401.8	1,427.4	
Service cost	21.9	20.5	$ 27.8
Interest cost	64.9	68.4	40.5
Plan participants' contributions	0.0	0.0	
Plan amendments	0.0	0.0	
Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss)	(64.8)	27.4	
Defined Benefit Plan, Benefit Obligation, Benefits Paid	136.4	141.9	
Estimated benefits paid by incurred subsidy	0.0	0.0	
Projected benefit obligation at end of year	1,287.4	1,401.8	1,427.4
Actual return on plan assets	43.7	142.8	
Employer contributions	2.4	3.1	
Defined Benefit Plan, Plan Assets, Contributions by Plan Participant	0.0	0.0	
Benefits paid	(136.4)	(141.9)	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	49.1	25.0	
Noncurrent assets	66.5	44.1	
Current liabilities	(2.3)	(2.2)	
Noncurrent liabilities	(15.1)	(16.9)	
Net amount recognized at end of year	49.1	25.0	
Unrecognized prior service cost	0.3	0.3	
Unrecognized actuarial loss	451.4	500.4	
Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability	451.7	500.7	
Pension Plan | Underfunded Plan [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Benefit obligation at beginning of year	1,382.7		
Projected benefit obligation at end of year	1,269.9	1,382.7	
Fair value of plan assets at beginning of year	1,426.8		
Fair value of plan assets at end of year	1,336.4	1,426.8	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	66.5	44.1	
Pension Plan | Underfunded Plan [Member]			
Defined Benefit Plan Disclosure [Line Items]			
Benefit obligation at beginning of year	19.1		
Projected benefit obligation at end of year	17.4	19.1	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	(17.4)	(19.1)	
Pension Plan | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Fair value of plan assets at beginning of year	1,426.8	1,422.8	
Fair value of plan assets at end of year	1,336.5	1,426.8	1,422.8
Noncurrent assets	1,336.4		
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Benefit obligation at beginning of year	468.8	449.0	
Service cost	5.0	5.1	6.5
Interest cost	22.0	21.8	12.0
Plan participants' contributions	3.6	4.2	
Plan amendments	0.0	3.4	
Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss)	(22.5)	29.1	
Defined Benefit Plan, Benefit Obligation, Benefits Paid	40.7	44.3	
Estimated benefits paid by incurred subsidy	0.1	0.5	
Projected benefit obligation at end of year	436.3	468.8	449.0
Actual return on plan assets	20.0	28.2	
Employer contributions	23.6	23.4	
Defined Benefit Plan, Plan Assets, Contributions by Plan Participant	3.8	4.3	
Benefits paid	(40.7)	(44.3)	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	(193.1)	(232.3)	
Noncurrent assets	0.0	0.0	
Current liabilities	(1.0)	(1.0)	
Net amount recognized at end of year	(193.1)	(232.3)	
Unrecognized prior service cost	3.8	2.1	
Unrecognized actuarial loss	47.0	76.6	
Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability	50.8	78.7	
Other Postretirement Benefits | Fair Value, Inputs, Level 1, 2 and 3			
Defined Benefit Plan Disclosure [Line Items]			
Fair value of plan assets at beginning of year	236.5	224.9	
Fair value of plan assets at end of year	243.2	$ 236.5	$ 224.9
Noncurrent assets	$ 243.5		

XML 124 R106.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Schedule of

Benefit Obligations in Excess of Fair Value) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Pension Plan			
Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]			
Defined Benefit Plan, Accumulated Benefit Obligation	$ 1,278.4	$ 1,390.9	
Defined Benefit Plan, Benefit Obligation	1,287.4	1,401.8	$ 1,427.4
Defined Benefit Plan, Funded (Unfunded) Status of Plan	49.1	25.0	
Other Postretirement Benefits			
Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]			
Defined Benefit Plan, Benefit Obligation	436.3	468.8	$ 449.0
Defined Benefit Plan, Funded (Unfunded) Status of Plan	(193.1)	(232.3)	
Underfunded Plan [Member] | Pension Plan			
Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]			
Defined Benefit Plan, Accumulated Benefit Obligation	17.4	19.1	
Defined Benefit Plan, Benefit Obligation	17.4	19.1	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	(17.4)	(19.1)	
Underfunded Plan [Member] | Pension Plan			
Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]			
Defined Benefit Plan, Accumulated Benefit Obligation	1,261.0	1,371.8	
Defined Benefit Plan, Benefit Obligation	1,269.9	1,382.7	
Defined Benefit Plan, Plan Assets, Amount	1,336.4	1,426.8	
Defined Benefit Plan, Funded (Unfunded) Status of Plan	$ 66.5	$ 44.1	

XML 125 R107.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details)	12 Months Ended	
	Dec. 31, 2024	Dec. 31, 2023
Pension Plan		
Defined Benefit Plan Disclosure [Line Items]		
Discount Rate	5.58%	4.95%
Rate of Compensation Increases	4.00%	4.00%
Interest Crediting Rates	4.00%	4.00%
Other Postretirement Benefits		
Defined Benefit Plan Disclosure [Line Items]		
Discount Rate	5.66%	4.98%
Trend for Next Year	9.77%	8.84%
Ultimate Trend	4.75%	4.75%
Year Ultimate Trend Reached	2033	2032

XML 126 R108.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details) $ in Millions	Dec. 31, 2024 USD ($)
Pension Plan	
Defined Benefit Plan Disclosure [Line Items]	
2025	$ 142.6
2026	136.6
2027	130.9
2028	125.8
2029	119.4
2030-2034	528.6
Other Postretirement Benefits	
Defined Benefit Plan Disclosure [Line Items]	
2025	36.6
2026	36.1
2027	36.1
2028	35.8
2029	35.6
2030-2034	$ 171.7

XML 127 R109.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Service Cost	$ 21.9	$ 20.5	$ 27.8
Interest cost	64.9	68.4	40.5
Expected return on assets	(95.3)	(94.5)	(90.8)
Defined Benefit Plan, Amortization of Prior Service Cost (Credit)	0.1	0.1	0.1
Recognized actuarial loss	28.6	33.7	20.3
Settlement loss	7.2	9.2	12.4
Total Net Periodic Benefits Cost	27.4	37.4	10.3
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Service Cost	5.0	5.1	6.5
Interest cost	22.0	21.8	12.0
Expected return on assets	(16.1)	(15.1)	(16.2)
Defined Benefit Plan, Amortization of Prior Service Cost (Credit)	(1.8)	(2.1)	(2.2)
Recognized actuarial loss	3.2	3.3	2.6
Settlement loss	0.0	0.0	0.0
Total Net Periodic Benefits Cost	$ 12.3	$ 13.0	$ 2.7

XML 128 R110.htm IDEA: XBRL DOCUMENT

Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022

Periodic Benefits Cost) (Details)			
Pension Plan			
Defined Benefit Plan Disclosure [Line Items]			
Discount rate - service cost	5.06%	5.25%	3.08%
Discount rate - interest cost	4.88%	5.06%	2.11%
Expected Long-Term Rate of Return on Plan Assets	7.02%	7.00%	4.80%
Rate of Compensation Increases	4.00%	4.00%	4.00%
Interest Crediting Rates	4.00%	4.00%	4.00%
Other Postretirement Benefits			
Defined Benefit Plan Disclosure [Line Items]			
Discount rate - service cost	5.14%	5.30%	3.21%
Discount rate - interest cost	4.89%	5.07%	2.24%
Expected Long-Term Rate of Return on Plan Assets	7.06%	6.96%	5.72%

~~XML 129 R111.htm IDEA: XBRL DOCUMENT~~

Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	[1] $ 0.3	$ (0.2)	$ (6.9)
Pension Plan			
Net prior service cost/(credit)	0.0	0.0	
Net actuarial (gain)/loss	(13.1)	(20.9)	
Settlements	(7.2)	(9.2)	
Defined Benefit Plan, Amortization of Prior Service Cost (Credit)	(0.1)	(0.1)	
Less: amortization of net actuarial (gain) loss	(28.6)	(33.7)	
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	(49.0)	(63.9)	
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	(21.6)	(26.5)	
Other Postretirement Benefits			
Net prior service cost/(credit)	0.0	3.3	
Net actuarial (gain)/loss	(26.4)	16.0	
Settlements	0.0	0.0	
Defined Benefit Plan, Amortization of Prior Service Cost (Credit)	1.8	2.1	
Less: amortization of net actuarial (gain) loss	(3.2)	(3.3)	
Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability	(27.8)	18.1	
Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability	$ (15.5)	$ 31.1	

[1] Unrecognized pension and OPEB benefit (costs), net of $0.3 million tax expense, $0.1 million tax benefit and $2.3 million tax benefit in 2024, 2023 and 2022, respectively.

~~XML 130 R112.htm IDEA: XBRL DOCUMENT~~

Share-Based Compensation (Narrative) (Details) - USD ($) $ / shares in Units, $ in Millions	12 Months Ended			36 Months Ended	
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022	Dec. 31, 2023	May 19, 2020
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Common stock available for awards, shares	7,216,823				
Common stock reserved for future awards, shares					10,000,000
Stock-based employee compensation expense	$ 32.1	$ 23.9	$ 19.0		
Related tax benefits	7.0	7.7	3.6		
Unrecognized compensation cost related to nonvested awards	$ 46.7				
Weighted-average remaining requisite service period, years	1 year 9 months 18 days				
Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay	4.50%				
401(k) match, profit sharing and non-elective expense	$ 56.9	50.7	39.1		
Excess Tax Expense - Share Based Compensation		$ 2.9	$ 0.4		
Share-Based Payment Arrangement, Exercise of Option, Tax Benefit	$ 2.0				
Restricted Stock Units (RSUs)					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares granted	655,713				
Shares nonvested	1,328,120	1,066,916		1,066,916	
Shares vesting period, (years)				3 years	
Granted, Weighted Average Grant Date Fair Value	$ 26.10				
Restricted Stock Units (RSUs) | Share-based Payment Arrangement, Nonemployee					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares nonvested	68,436				
Share-based Compensation Arrangement by Share-based Payment Award, Non-Option Equity Instruments, Outstanding, Number	292,566				
Performance Shares					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares granted	896,363	649,088	566,086		
Shares nonvested	1,719,223	1,558,509		1,558,509	
Shares vesting period, (years)				3 years	
Granted, Weighted Average Grant Date Fair Value	$ 27.05				
Performance Shares | NOEPS					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Fair value of shares granted	$ 17.4	$ 13.3			
2019 Award | Restricted Stock Units (RSUs)					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares granted			477,292		
Shares nonvested	270,325				
Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value			$ 12.5		
2020 award | Restricted Stock Units (RSUs)					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares granted		500,968			
Shares nonvested	393,509				
Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value		$ 13.7			
2021 award | Restricted Stock Units (RSUs)					
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]					
Shares granted	655,713				
Shares nonvested	592,490				
Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value	$ 17.1				

~~XML 131 R113.htm IDEA: XBRL DOCUMENT~~

Share-Based	12 Months Ended	36 Months Ended

Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details) - Restricted Stock Units (RSUs) - $ / shares	Dec. 31, 2024	Dec. 31, 2023
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]		
Nonvested, Other Than Options	1,066,916	
Nonvested, Weighted Average Grant Date Fair Value	$ 25.71	
Granted, Other Than Options	655,713	
Granted, Weighted Average Grant Date Fair Value	$ 26.10	
Forfeited, Other Than Options	(167,057)	
Forfeited, Weighted Average Grant Date Fair Value	$ 26.19	
Vested, Other Than Options	(227,452)	
Vested, Weighted Average Grant Date Fair Value	$ 22.90	
Nonvested, Other Than Options	1,328,120	1,066,916
Nonvested, Weighted Average Grant Date Fair Value	$ 26.49	$ 25.71
Shares vesting period, (years)		3 years

XML 132 R114.htm IDEA: XBRL DOCUMENT

Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details) - Performance Shares - $ / shares	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Share-based Compensation Arrangement by Share-based Payment Award [Line Items]			
Nonvested, Other Than Options	1,558,509		
Nonvested, Weighted Average Grant Date Fair Value	$ 28.01		
Granted, Other Than Options	896,363	649,088	566,086
Granted, Weighted Average Grant Date Fair Value	$ 27.05		
Forfeited, Other Than Options	(189,080)		
Forfeited, Weighted Average Grant Date Fair Value	$ 31.75		
Vested, Other Than Options	(546,569)		
Vested, Weighted Average Grant Date Fair Value	$ 21.95		
Nonvested, Other Than Options	1,719,223	1,558,509	
Nonvested, Weighted Average Grant Date Fair Value	$ 24.96	$ 28.01	

XML 133 R115.htm IDEA: XBRL DOCUMENT

Share-Based Compensation (Schedule of Performance Award Details) (Details) - Performance Shares - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number NOEPS	1,719,223	1,558,509	
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value NOEPS | 2022 award	$ 17.4	$ 13.3	
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number NOEPS | 2023 award		7,400,000	
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number NOEPS | 2024 award	430,670		
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number Relative Total Shareholder Return | 2022 award	619,673		
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number	195,460		
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value Relative Total Shareholder Return | 2023 award			$ 10.6
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number	143,540		
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value Relative Total Shareholder Return | 2024 award	$ 6.9	$ 5.4	
Performance Share Details [Line Items]			
Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number	206,524		

XML 134 R116.htm IDEA: XBRL DOCUMENT

Leases (Narrative) (Details)	12 Months Ended Dec. 31, 2024
Lessee, Lease, Description [Line Items]	
Lessee, Lease Renewal Term	35 years
Lessee, Operating Lease, Renewal Term	1 year
Fleet Lease	
Lessee, Lease, Description [Line Items]	
Lessee, Operating Lease, Term of Contract	1 year
Minimum	
Lessee, Lease, Description [Line Items]	
Lessee, Operating Lease, Term of Contract	1 year
Minimum | Office Lease	
Lessee, Lease, Description [Line Items]	
Remaining Lease Term	1 year
Maximum	
Lessee, Lease, Description [Line Items]	
Lessee, Operating Lease, Term of Contract	3 years
Maximum | Office Lease	
Lessee, Lease, Description [Line Items]	
Remaining Lease Term	39 years

XML 135 R117.htm IDEA: XBRL DOCUMENT

Leases (Lease Cost) (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Finance lease cost			
Amortization of right-of-use assets	$ 27.1	$ 32.0	

Cash paid for interest on finance leases	13.5	8.6	$ 8.5
Total finance lease cost	40.6	40.6	
Operating lease cost	14.7	11.3	
Total lease cost	$ 55.3	$ 51.9	

XML 136 R118.htm IDEA: XBRL DOCUMENT

Leases (Right-of-Use Assets and Liabilities) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Lessee, Lease, Description [Line Items]		
Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]	Net Property, Plant and Equipment	Net Property, Plant and Equipment
Finance Lease, Right-of-Use Asset	$ 222.9	$ 184.3
Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]	Deferred charges and other	Deferred charges and other
Operating Lease, Right-of-Use Asset	$ 26.4	$ 32.9
Total leased assets	$ 249.3	$ 217.2
Finance Lease, Liability, Current, Statement of Financial Position [Extensible List]	Long-Term Debt and Lease Obligation, Current	Long-Term Debt and Lease Obligation, Current
Finance Lease, Liability, Current	$ 22.9	$ 23.8
Operating Lease, Liability, Current, Statement of Financial Position [Extensible List]	Other Liabilities, Current	Other Liabilities, Current
Operating Lease, Liability, Current	$ 9.1	$ 8.3
Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]	Long-term Debt and Lease Obligation	Long-term Debt and Lease Obligation
Finance Lease, Liability, Noncurrent	$ 223.3	$ 181.6
Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]	Other Liabilities, Noncurrent	Other Liabilities, Noncurrent
Operating Lease, Liability, Noncurrent	$ 18.2	$ 25.8
Total Lease Liability	$ 273.5	$ 239.5

XML 137 R119.htm IDEA: XBRL DOCUMENT

Leases (Lease Information) (Details) - USD ($) $ in Millions	12 Months Ended	
	Dec. 31, 2024	Dec. 31, 2023
Leases [Abstract]		
Finance Lease, Interest Payment on Liability	$ 11.2	$ 9.3
Operating Lease, Payments	14.5	11.1
Finance Lease, Principal Payments	26.9	33.1
Right-of-Use Asset Obtained in Exchange for Finance Lease Liability	65.9	64.5
Right-of-Use Asset Obtained in Exchange for Operating Lease Liability	$ 12.2	$ 5.6
Finance Lease, Weighted Average Remaining Lease Term	20 years 6 months	16 years 4 months 24 days
Operating Lease, Weighted Average Remaining Lease Term	5 years 7 months 6 days	6 years 8 months 12 days
Finance Lease, Weighted Average Discount Rate, Percent	5.60%	5.50%
Operating Lease, Weighted Average Discount Rate, Percent	4.50%	4.30%

XML 138 R120.htm IDEA: XBRL DOCUMENT

Leases (Lease Maturity) (Details) - USD ($) $ in Millions	Dec. 31, 2024	Dec. 31, 2023
Lease Maturity [Line Items]		
Total Future Minimum Lease Payments Due, Next Twelve Months	$ 44.6	
Total Future Minimum Lease Payments, Due in Two Years	34.7	
Total Future Minimum Lease Payments, Due in Three Years	28.5	
Total Future Minimum Lease Payments, Due in Four Years	26.1	
Total Future Minimum Lease Payments, Due in Five Years	21.5	
Total Future Minimum Lease Payments, Due Thereafter	304.9	
Total Future Minimum Lease Payments Due	460.3	
Undiscounted Excess Amount	(186.8)	
Total Lease Liability	273.5	$ 239.5
Short-term Lease Liability	32.0	
Long-term Lease Liability	241.5	
Finance Leases, Future Minimum Payments Due, Next Twelve Months	34.6	
Finance Leases, Future Minimum Payments Due in Two Years	29.4	
Finance Leases, Future Minimum Payments Due in Three Years	24.2	
Finance Leases, Future Minimum Payments Due in Four Years	23.0	
Finance Leases, Future Minimum Payments Due in Five Years	19.0	
Finance Leases, Future Minimum Payments Due Thereafter	299.2	
Finance Lease, Liability, Payment, Due	429.4	
Finance Lease, Liability, Undiscounted Excess Amount	(183.2)	
Finance Lease, Liability	246.2	205.4
Finance Lease, Liability, Current	22.9	23.8
Finance Lease, Liability, Noncurrent	223.3	181.6
Operating Leases, Future Minimum Payments Due, Next Twelve Months	10.0	
Operating Leases, Future Minimum Payments, Due in Two Years	5.3	
Operating Leases, Future Minimum Payments, Due in Three Years	4.3	
Operating Leases, Future Minimum Payments, Due in Four Years	3.1	
Operating Leases, Future Minimum Payments, Due in Five Years	2.5	
Operating Leases, Future Minimum Payments, Due Thereafter	5.7	
Lessee, Operating Lease, Liability, Payments, Due	30.9	
Lessee, Operating Lease, Liability, Undiscounted Excess Amount	(3.6)	
Operating Lease, Liability	27.3	
Operating Lease, Liability, Current	9.1	8.3
Operating Lease, Liability, Noncurrent	$ 18.2	$ 25.8

XML 139 R121.htm IDEA: XBRL DOCUMENT

Other Commitments And Contingencies (Narrative) (Details)	Feb. 03, 2025 USD ($)	Jan. 15, 2025 USD ($)	Sep. 18, 2024 USD ($)	May 24, 2024 USD ($)	Mar. 18, 2024 USD ($)	3 Months Ended Jun. 30, 2024 USD ($) Rate MW	6 Months Ended Dec. 31, 2024 USD ($) Rate MW	12 Months Ended Dec. 31, 2024 USD ($) Rate MW	Jan. 31, 2024	Dec. 31, 2023 USD ($) Rate	Jun. 17, 2023 Rate
Other Commitments And Contingencies [Line Items]											
Wind power purchase agreement capacity | MW							600	600			
Major Rail Operators							3	3			
Line of Credit Facility, Amount Outstanding							$ 0	$ 0		$ 0	
Guarantor Obligations, Current Carrying Value							$ 1,127,500,000	$ 1,127,500,000		646,100,000	
Wind Power Purchase Agreement, Purchase Percentage | Rate							100.00%	100.00%			
Accrual for Environmental Loss Contingencies, Gross							$ 91,800,000	$ 91,800,000		80,000,000	
Other Commitment										$ 250,000,000	
Asset Retirement Obligation, Period Increase (Decrease)							149,700,000				
Payments to Acquire Assets, Investing Activities			$	$	$						

			153,300,000	114,900,000	110,600,000		
Contractual Obligation				$ 61,700,000	$ 61,700,000		
NIPSCO Holdings II							
Other Commitments And Contingencies [Line Items]							
Subsidiary, Ownership Percentage, Noncontrolling Owner						4.50%	
Subsidiary, Ownership Percentage, Parent | Rate							19.90%
NIPSCO Holdings II | Director							
Other Commitments And Contingencies [Line Items]							
Subsidiary, Ownership Percentage, Parent | Rate						17.50%	
Subsequent Event							
Other Commitments And Contingencies [Line Items]							
Payments to Acquire Assets, Investing Activities	$ 217,600,000	$ 336,600,000					
MGP Sites							
Other Commitments And Contingencies [Line Items]							
Number of waste disposal sites identified by program				51	51		
Liability for estimated remediation costs				$ 86,400,000	$ 86,400,000	$ 73,700,000	
Reasonably possible remediation costs variance from reserve				16,300,000	16,300,000		
Increase (Decrease) in Other Accrued Liabilities			$ 11,200,000				
Asset Retirement Obligation, Period Increase (Decrease)					$ 149,700,000		
Coal Transportation | Maximum							
Other Commitments And Contingencies [Line Items]							
Long Term Purchase Commitment Expiration Year					2025		
Pipeline Service Agreements [Member] | Maximum							
Other Commitments And Contingencies [Line Items]							
Long Term Purchase Commitment Expiration Year					2038		
Pipeline Service Agreements [Member] | Minimum							
Other Commitments And Contingencies [Line Items]							
Long Term Purchase Commitment Expiration Year					2028		
IT Service Agreements [Member] | Maximum							
Other Commitments And Contingencies [Line Items]							
Long Term Purchase Commitment Expiration Year					2029		
Standby Letters of Credit							
Other Commitments And Contingencies [Line Items]							
Line of Credit Facility, Amount Outstanding				$ 9,400,000	$ 9,400,000	$ 9,900,000	

~~XML 140 R122.htm IDEA: XBRL DOCUMENT~~

Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details) - USD ($) $ in Millions

	Dec. 31, 2024	Dec. 31, 2023
Long-term Purchase Commitment [Line Items]		
Long-term Debt, Future Minimum Payments Due	$ 13,205.0	
Long-term Debt, Future Minimum Payments Due, Next Twelve Months	1,260.0	
Long-term Debt, Future Minimum Payments, Due in Two Years	0.0	
Long-term Debt, Future Minimum Payments, Due in Three Years	1,090.0	
Long-term Debt, Future Minimum Payments, Due in Four Years	1,055.0	
Long-term Debt, Future Minimum Payments, Due in Five Years	1,350.0	
Long-term Debt, Future Minimum Payments, Due Thereafter	8,450.0	
Interest Payments on Long-term Debt, Future Minimum Payments Due	8,090.3	
Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months	566.2	
Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years	551.1	
Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years	531.7	
Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years	481.6	
Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years	453.9	
Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter	5,505.8	
Finance Leases, Future Minimum Payments Due	429.4	
Finance Leases, Future Minimum Payments Due, Next Twelve Months	34.6	
Finance Leases, Future Minimum Payments Due in Two Years	29.4	
Finance Leases, Future Minimum Payments Due in Three Years	24.2	
Finance Leases, Future Minimum Payments Due in Four Years	23.0	
Finance Leases, Future Minimum Payments Due in Five Years	19.0	
Finance Leases, Future Minimum Payments Due Thereafter	299.2	
Operating Leases, Future Minimum Payments Due	30.9	
Operating Leases, Future Minimum Payments Due, Next Twelve Months	10.0	
Operating Leases, Future Minimum Payments, Due in Two Years	5.3	
Operating Leases, Future Minimum Payments, Due in Three Years	4.3	
Operating Leases, Future Minimum Payments, Due in Four Years	3.1	
Operating Leases, Future Minimum Payments, Due in Five Years	2.5	
Operating Leases, Future Minimum Payments, Due Thereafter	5.7	
Energy Commodity Contracts, Future Minimum Payments Due	119.7	
Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months	118.5	
Energy Commodity Contracts, Future Minimum Payments, Due in Two Years	0.3	
Energy Commodity Contracts, Future Minimum Payments, Due in Three Years	0.3	
Energy Commodity Contracts, Future Minimum Payments, Due in Four Years	0.4	
Energy Commodity Contracts, Future Minimum Payments, Due in Five Years	0.2	
Energy Commodity Contracts, Future Minimum Payments, Due Thereafter	0.0	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due	2,694.6	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months	685.5	

Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years	631.2	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years	609.2	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years	373.2	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years	245.2	
Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter	150.3	
Service Obligations, IT Service Obligations, Future Minimum Payments Due	120.7	
Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months	73.9	
Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years	30.3	
Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years	11.4	
Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years	5.1	
Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years	0.0	
Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter	0.0	
Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter	0.0	
Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years	0.0	
Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years	3.8	
Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years	4.3	
Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years	24.9	
Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months	140.5	
Plant equipment purchase obligations, Future Minimum Payments Due	173.5	
Other Liabilities, Future Minimum Payments Due	336.0	
Other Liabilities, Future Minimum Payments Due, Next Twelve Months	287.0	
Other Liabilities, Future Minimum Payments, Due in Two Years	7.9	
Other Liabilities, Future Minimum Payments, Due in Three Years	7.7	
Other Liabilities, Future Minimum Payments, Due in Four Years	7.6	
Other Liabilities, Future Minimum Payments, Due in Five Years	7.7	
Other Liabilities, Future Minimum Payments, Due Thereafter	18.1	
Total Future Contractual Obligations Due	25,200.1	
Total Future Contractual Obligations Due, Next Twelve Months	3,176.2	
Total Future Contractual Obligations, Due in Two Years	1,280.4	
Total Future Contractual Obligations, Due in Three Years	2,283.1	
Total Future Contractual Obligations, Due in Four Years	1,952.8	
Total Future Contractual Obligations, Due in Five Years	2,078.5	
Total Future Contractual Obligations, Due Thereafter	14,429.1	
Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net	(95.5)	$ (81.1)
Finance Lease, Liability, Undiscounted Excess Amount	(183.2)	
Lessee, Operating Lease, Liability, Undiscounted Excess Amount	$ (3.6)	

~~XML 141 R123.htm IDEA: XBRL DOCUMENT~~

Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details) - USD ($) $ in Millions	12 Months Ended			
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022	Dec. 31, 2021
Accumulated Other Comprehensive Income (Loss) [Line Items]				
Other Comprehensive Income (Loss), before Reclassifications, Net of Tax	$ 0.3	$ 1.2	$ 87.1	
Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax	2.9	2.3	2.6	
Net current-period other comprehensive income (loss)	3.2	3.5	89.7	
Accumulated other comprehensive loss	(30.4)	(33.6)	(37.1)	$ (126.8)
Gains and Losses on Securities				
Accumulated Other Comprehensive Income (Loss) [Line Items]				
Other Comprehensive Income (Loss), before Reclassifications, Net of Tax	1.5	3.1	(13.7)	
Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax	1.8	0.8	0.4	
Net current-period other comprehensive income (loss)	3.3	3.9	(13.3)	
Accumulated other comprehensive loss	(4.0)	(7.3)	(11.2)	2.1
Gains and Losses on Cash Flow Hedges				
Accumulated Other Comprehensive Income (Loss) [Line Items]				
Other Comprehensive Income (Loss), before Reclassifications, Net of Tax	0.0	(0.5)	109.7	
Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax	(0.4)	0.3	0.2	
Net current-period other comprehensive income (loss)		(0.2)	109.9	
Accumulated other comprehensive loss	(13.2)	(12.8)	(12.6)	(122.5)
Pension and OPEB Items				
Accumulated Other Comprehensive Income (Loss) [Line Items]				
Other Comprehensive Income (Loss), before Reclassifications, Net of Tax	(1.2)	(1.4)	(8.9)	
Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax	1.5	1.2	2.0	
Net current-period other comprehensive income (loss)	0.3	(0.2)	(6.9)	
Accumulated other comprehensive loss	$ (13.2)	$ (13.5)	$ (13.3)	$ (6.4)

~~XML 142 R124.htm IDEA: XBRL DOCUMENT~~

Business Segment Information (Narrative) (Details)	12 Months Ended Dec. 31, 2024 Segment
Goodwill [Line Items]	
Number of Reportable Segments	2

~~XML 143 R125.htm IDEA: XBRL DOCUMENT~~

Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details) - USD ($) $ in Millions	3 Months Ended	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Segment Reporting Information [Line Items]				
Operating Revenues	$ 5,455.1	$ 5,455.1	$ 5,505.4	$ 5,850.6
Cost of energy		1,132.2	1,533.3	2,110.5
O&M		1,515.2	1,494.9	1,489.4
Depreciation and amortization		1,043.2	908.2	820.8
Total other taxes		300.0	270.6	268.3
Operating Income		1,455.5	1,295.5	1,265.8
Capital Expenditures		3,692.5	2,690.7	2,298.0
Consolidated Assets	31,788.1	31,788.1	31,077.2	26,736.6
Total Reportable Segments				
Segment Reporting Information [Line Items]				
Operating Revenues		5,468.0	5,517.7	5,851.5
Cost of energy		1,132.2	1,533.3	2,110.5
O&M		1,598.9	1,580.0	1,531.7
Depreciation and amortization		999.4	865.5	778.8
Total other taxes		282.9	256.7	256.3
Other segment items		6.1	2.2	(103.9)

Operating Income		1,448.5	1,280.0	1,278.1
Capital Expenditures		3,461.4	2,454.4	2,256.8
Consolidated Assets	30,593.0	30,593.0	27,627.1	24,819.3
Total Reportable Segments | Nonrelated Party				
Segment Reporting Information [Line Items]				
Operating Revenues		5,454.2	5,504.6	5,838.1
Total Reportable Segments | Intersegment Revenue				
Segment Reporting Information [Line Items]				
Operating Revenues		13.8	13.1	13.4
Corporate and Other				
Segment Reporting Information [Line Items]				
Operating Revenues		581.9	504.6	477.5
Operating Income		7.0	15.5	(12.3)
Capital Expenditures		231.1	236.3	41.2
Consolidated Assets	1,195.1	1,195.1	3,450.1	1,917.3
Eliminations				
Segment Reporting Information [Line Items]				
Operating Revenues		(594.8)	(516.9)	(478.4)
Columbia Operations				
Segment Reporting Information [Line Items]				
Operating Revenues		2,703.2	2,733.9	2,951.9
Columbia Operations | Total Reportable Segments				
Segment Reporting Information [Line Items]				
Operating Revenues		2,716.0	2,746.1	2,964.4
Cost of energy		514.7	645.0	978.4
O&M		837.5	792.3	791.3
Depreciation and amortization		409.1	371.7	329.4
Total other taxes		218.6	198.8	184.2
Other segment items		7.4	0.0	(103.9)
Operating Income		728.7	738.3	785.0
Capital Expenditures		(1,209.0)	(1,159.6)	(1,237.9)
Consolidated Assets	14,769.5	14,769.5	13,664.5	13,059.4
Columbia Operations | Total Reportable Segments | Nonrelated Party				
Segment Reporting Information [Line Items]				
Operating Revenues		2,703.2	2,733.9	2,951.9
Columbia Operations | Total Reportable Segments | Intersegment Revenue				
Segment Reporting Information [Line Items]				
Operating Revenues		12.8	12.2	12.5
NIPSCO Operations				
Segment Reporting Information [Line Items]				
Operating Revenues	2,751.0			
NIPSCO Operations | Total Reportable Segments				
Segment Reporting Information [Line Items]				
Operating Revenues		2,752.0	2,771.6	2,887.1
Cost of energy		617.5	888.3	1,132.1
O&M		761.4	787.7	740.4
Depreciation and amortization		590.3	493.8	449.4
Total other taxes		64.3	57.9	72.1
Other segment items		(1.3)	2.2	0.0
Operating Income		719.8	541.7	493.1
Capital Expenditures		(2,252.4)	(1,294.8)	(1,018.9)
Consolidated Assets	$ 15,823.5	15,823.5	13,962.6	11,759.9
NIPSCO Operations | Total Reportable Segments | Nonrelated Party				
Segment Reporting Information [Line Items]				
Operating Revenues		2,751.0	2,770.7	2,886.2
NIPSCO Operations | Total Reportable Segments | Intersegment Revenue				
Segment Reporting Information [Line Items]				
Operating Revenues		$ 1.0	$ 0.9	$ 0.9

~~*XML 144 R126.htm IDEA: XBRL DOCUMENT*~~

Other, Net (Schedule Of Other Net) (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Other Nonoperating Income [Line Items]			
Interest income	$ 10.4	$ 9.0	$ 4.3
AFUDC equity	75.1	25.2	15.1
Charitable Contributions	(5.4)	(1.8)	(4.4)
Pension and Other Postretirement Non Service Cost	(13.5)	(24.0)	27.6
Other Nonoperating Expense	(2.1)		
Miscellaneous		(0.4)	(0.4)
Total Other, net	64.5	8.0	52.2
Interest Rate Swap Settled			
Other Nonoperating Income [Line Items]			
Derivative, Gain (Loss) on Derivative, Net	$ 0.0	$ 0.0	$ 10.0

~~*XML 145 R127.htm IDEA: XBRL DOCUMENT*~~

Interest Expense, Net (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Interest Expense, Operating and Nonoperating [Abstract]			
Interest on long-term debt	$ 506.2	$ 404.1	$ 344.5
Interest on short-term borrowings	43.2	108.9	22.7
Debt discount/cost amortization	13.8	13.5	11.7
Accounts receivable securitization fees	1.5	2.7	2.5
Allowance for borrowed funds used and interest capitalized during construction	(40.1)	(25.3)	(6.7)
Debt-based post-in-service carrying charges	(26.4)	(30.7)	(21.1)
Other	19.0	16.4	8.0
Total Interest Expense, net	$ 517.2	$ 489.6	$ 361.6

~~*XML 146 R128.htm IDEA: XBRL DOCUMENT*~~

Supplemental Cash Flow Information (Details) - USD ($) $ in Millions	**12 Months Ended**		
	Dec. 31, 2024	**Dec. 31, 2023**	**Dec. 31, 2022**
Non-cash transactions:			
Capital expenditures included in current liabilities	$ 367.0	$ 315.0	$ 275.1
Assets acquired under a finance lease		64.5	19.3
Assets acquired under an operating lease		5.6	8.8
Assets recorded for asset retirement obligations	277.4	61.1	6.3
Purchase Contract Liability	0.0	0.0	65.0
Schedule of interest and income taxes paid:			

Cash paid for interest on debt, net of interest capitalized amounts	468.2	433.9	343.8
Cash paid for interest on finance leases	13.5	8.6	8.5
Cash paid for income taxes, net of refunds	4.3	9.4	$ 7.2
Finance Lease, Interest Payment on Liability	$ 11.2	$ 9.3	

XML 147 R129.htm IDEA: XBRL DOCUMENT

Valuation and Qualifying Accounts (Details) - USD ($) $ in Millions	12 Months Ended		
	Dec. 31, 2024	Dec. 31, 2023	Dec. 31, 2022
Reserve For Accounts Receivable [Member]			
SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items]			
Beginning Balance	$ 22.9	$ 23.9	$ 23.5
Valuation Allowances and Reserves, Charged to Cost and Expense	23.2	23.4	20.6
Valuation Allowances and Reserves, Charged to Other Accounts	(32.3)	(36.6)	(36.4)
Deductions for Purposes for which Reserves were Created	54.7	61.0	56.6
Ending Balance	23.7	22.9	23.9
Reserve For Other Investments [Member]			
SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items]			
Beginning Balance	1.3	1.0	2.3
Valuation Allowances and Reserves, Charged to Cost and Expense	0.0	0.0	0.0
Valuation Allowances and Reserves, Charged to Other Accounts			(1.3)
Deductions for Purposes for which Reserves were Created	0.0	0.0	0.0
Ending Balance	1.1	1.3	$ 1.0
Reserve For Deferred Charges and Other			
SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items]			
Valuation Allowances and Reserves, Charged to Other Accounts	$ (0.2)	$ (0.3)	

EXCEL 148 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 (*(U3%H'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V,/0L",1!$ \IQO;=!P4)B0-!2L+ (/>QLOD&!+LD)^QCG!CVX>;QA&WPIG M*N*M!#BV&5(_C\((/ !47BK9.7;=+N')=HI6 Y #OGDK7A.YNJQ<&4GPZ4A!0W_]=0U!R;UEA_6\#M!7E!+_P04 M " "B 4Q:.?4MS NX K @ $0 &1O8U!R,W!S+1-V.O&ULS9+/ M2@.O$(=?1?1+?G@C,7"[>% 0+BK>03-0@Y@_)R&[?WNS:,A%] "&7S/SR.MS3>03D>A0\!+G%"(FLIAO1M?[+'3$+\U!2$Y1N:8#1*4_ MU &A;9H[<$C**%(P +NX$)GLC!8ZH;*0SGBC%WS\3/T:,Q]P1X>>,O"- Y/3 MQ'@:.^PZN@ E&F%S^+J!:9B'/U3^S< 79.CMDNJ6$8ZF$UY\H.`-Z>`E_F=2OK M,RFOL;S*5M IXH9=)K^NMO> [!R;,IKVMFK;B[8$YSL5Z7\SZY_O"(\"KM@[-[^ M8^.+H.S@U[^07U!+ P04 " "B 4Q:F5R<(Q & "<)P $P 'AL+W1H M96UE+W1H96UE,2Y2K;6SM6EMSVC@4?
N^OT'AG]FT+QC:!MK03621A'^_1S80RY8 [9)-NILV!"SI^\Y%1^?H.'GS[BYBZ(:(E/X M8-DOV!:[MR_>X%#BVR]*+_M41B1%G\@M MNN01,+5)#3(3/PB=AIAJ4!P"[
DQEJ&& ^+3&K!'@$WVW0@C[WXV(]ZMOFCU7 MH5A)VH3X$$8:XIOSYG/1;/L'I4.1E6]W*.76!4!EOC?*HU+.76>)?1\;V<.M;!T3$LV4"P9!AI@S M&L%&KQOMUAVC2/'K^!?
F<-0HACA*FNVB<5@$_9Y>PTG!Z(++9OVX?H;5,VPLCO<'U!=*Y\FIS_LC0' MHY19';V$5FJ?]H,@H%;D>/N5Z> HWEL:\4*Z"><P' T=HWPJOX@L Y M?R'Y|SZ7ON?0]H=*W-R-
]0\'3BUO>1FY;Q/NN,=K7."XH8U=RSTS0LS0[=R2^]VE+ZU)CA* MJ+';<$X>RPP[9SR2';9WH!TU^_9==N0CI3!3ET.X&D*^_VVZG=PZ.)Z8D;D* MTU*0;\/YZ<5X&N(YV02Y?9A7;>?
8T=']Y\%1L*/O)8=QXCRHB'NH8;8S\-# MAWE[7YAGE<90 !1M;*PD+$;W8+C7\2P4X&1@+: '@Z]1 O)256 Q6\8#*Y"B M2$R.1>APYV=
<7^/1DN;!F6U;]\l=QEM(E(YPFF8$V>KRMYEL<%5'<]56 *P MOFH]M!5.S_Y9KF4Q9Z,RWRT."2Q;B%D2XDU=[=7GFYRN>B)V^I=W MP6#R_7#)1P_E.^=?]%U#KG[VW>/Z;I.[2$R<><41 71%
B.5' 86%$+D4.Z2 MD 83 >LX=SFW]XPD6L UC6'ODRWSEPVSK> U[F M$RQ#I'[!?8]*@!&K8KZZKT Y)9P[M'OQ@2";_:,I/=:X Q\U*M;I60K$3]+ M!WP?D@9CC%OT %^/%&*MIK&MQMHQ#'F
6/,.H68XWX=%FAHSU8NL.8T*;T'5 M0.4 V]0 ./8 !R1!5XQF;8V1H^1."CS<_N\-L,+$CN'MB[\!4$L#!!0 (M.*(U3%I)/>, :@@ "@S 8 >&PO=V]R;W-H965T&UL MM9M];^HV&\;_BL6FZ4PJ)4Z
PEE;B4*[L9UV]'2;SG/T_&$2%Z*3Q,QV^O+M MG]L.$%(YACPRD\[*2^XKR0 'N2[.N7QE_+M842K16YIDXJ[UDG+]N=.1X8JF M1)RS.7^K,9O[YDN4SBC,XX
M$GF;$OY^0Q/\>M7"K>T'C_%R)=4'G>O+.5G2.95_K6<R!*A_X]>BVU[00N%N9 LW13#$;1Q5OPE;QL0>P4#KZ; WQ3X'PIPMZ8@ MV!0$'POZ-
07=34%7DRE.17.8$$FN+SE[15QM#6KJA8:I[^'TXTS][G/)X=L8 MZN3UA(4Y_(P2C,((W68REN]HFA7M2?TN;?3??(()^_?CS94?"[E11)O(WQ32_M?HTT]M$]R^1*@&Y$HZI !XYS=[#^]F!O?
OBA(;G.!GR/?\KN& QO;R.[HX M1UY/E_<,Y1-[^>]Y!GOW3!NOG$VP0Q]HO>_0^GW>W[[.5F@J;2K^;T)>2';-MDJ[3^\"S6)*17+>@%!.4OM'7]TP^X[_UBPN52;,)(K(*RNT/9M;F7*)_>U]2$
MS5Z.O?8?)C[6JJ9\(E5^/!V?'K'\1EE64X2]$C7C$L3*+N.Y+D)[!A;U124 M((8*]/X.5AX4#/*8Z9ZQ A!OVIL4P>4MGU5;6=EK6!*S9%8!=K%#MJ%]53' M.>>*V5TL0FA<7RGA5G!VM78;^^T
FXA9"YL2EYD]MBFW//> CL,&Y,@Z7H?9B9V@NH0=#C*,QRS/)W^%O9&9I5Y_<&@%: MBQH#=*16!>B7 /UC #Z1-S2 H&>+G^,P<+,3U5^P!R.#7]K$W&/;.=T\[<6-Z
MGM2]],HD@*WN>$MO%$6@+LZV+Y_ W]FVC9GEQQX&-T2(=&@+U=H]$(SLW6S MRS3F>(H4@,L8@.U&_B/L7H'U^\3>\V.#.UR]Y3S.$E>X!\]\)SFA!96:->\.AN5$YS0FNU*]TRJ2 CXH*_] D
M:7 /H-='JX:AD;_*.BP]\L .:+>!&V MN.F\,PXH/3#CP*S3L.!*K0]K# O^46%A.^Q1!/L.6+VJL,4 M3I$0_#(A^$]0 $=EB-%*S*]91C+$8W! MD"T9?S>RLNM\
(7Q)T2@,*0B!3%1(&ODY302NU*K\RD3@'Y4(.E/*E^H2_144 M(_^.6;HFF1FD7;!VN,U>UQC;*,* 7V8! Z@L,$)!DJ"\7.#7PMRQV77J;3F_M *[4JK3*", #;#?M?J/>(1GD42TA+(RD!)
!]G&7D*61FEVO;IK%7M88VBG\ MOU_Z?]!NW[=. 5>$7H]VF7J6YC3%.I*K0]K3 &^W.AU+SLO)D"E\?>/.0[0CE*X[N:2A=_/ MH&T1.##T9R[A@LPBZ/^_T%P;^2%&K.]WFMW^'B#G-
{O]&_J#&B_"E.=Y&/Z[P.9I.WMQXW4&IS#_06G^@P-C^=NI MN_W9SCOXT'A[/"!6-S5L+VM,[!3&/RB-?V"WZ1^);,,6ZYG9Y>Z^&HDY-?VN MU*K$]A8&V#F;@9IW\6,<(FFTREBSTBN8H&X'CE!
<;E#H7;(=SL4 M;QFF42D1UA8)HI2NC>_=,/ QJ?_'+0 Y;OE, &FT5.]Y3J41FX]ZLIC+?W MO=.:!,4+TEY)IO0\E(*(MQ(HE$>5";:6@"]QJA* EW9 WA/UB&,%Q:MS.H7'#
M,$6X"DRMXR=]DU@IU@F^@K'_]?%SVA.PYR#A352M"M5<\(.:+_P+27**?O3./8S6E"_A MLH.1]_4Y$JM2K2,38$]CUQ$NF1Z_=TP1(C2+O P]3(R.G%FV\S0[5NX(MF2UBZI.B#T\'5N7
AD+VN\SMAI/NKL/5J@QE#U(QH"A6!! M5/&4P>[3W6,@(_WP0Z?/%81O%&LK5^4&'!-MI&2I?KFB!&[.:@/X_IDQN7VC=K!!..;Z?U!+_P04 " "B 4Q:EQXFF3T"_M -"W!0 &
'4L+W=OICTXR3%79L%/HA(?X074 M;(D5VO),2D8H,$DX0P(.L3?M3V9CXV\=OA.HY=D80U$8D),QNV%Z[9$F\'Q^HM .,W'4N>ROASHL?)%-Y[*WS4 8'7!?]
MF=U\0WUB6DG%.1.L;4J8&_%'&5@+)"*UN=Y!5 MN< *)Y'@-1++&6!,Q*9JH[4XPLQ/>5%"!O(=IY)IE1&%5LS]7GU/D:\TUFSZ M:8.8.41X!=$/T2-G*I=HR3+(_@?X6D\K*CR)FH6=Q
6D/33HWZ(P"(<=O$&: MY.#R!EU)E/!UE>)EBRE.B2YQ"[.GW+T&\@Y?N.7BS7F]5NMW1R;C M[!!N\SI_6*+U>MLA;]3*&WU* MW[JG5Y])-
T'7347WE;Q%FYSP#DGC5M+X4Y+NB:!HM;BD]!LPN/BV_+ BHB" MMF5(E/***5=7[6K;E.:N&/^YNY;VB,61,(D*..C0H/=5WY!P,<(9B!>V.-/=<
MZ4*WTUQW5A#&0>\]?.%Q1OGGGUC]@P)M%+D9?B=K*1K)BE<%E>]R6L_$MF(T MK8V*?$8<)Y@5"LG\YOZWD,UO^$[F6ZB0V!4%K7[M2'UC-K_9TC5[9/+
(]]%25[.CES0K6"DR7]*K6XG=_@Z<8DV]!%_9>Q9]#XC M3>6)\W_TO>U#C^;9U.CM^!#?2N?#]Y_K\DK M.D)4L 7/.\Y2N;F=+1!.4LA7=Y(K?_Z#M8H1]6_)B(';&KAO-?!._Z^.3$.ECD_")9W25/P9
M51]MO.D/=3!K;T4_*_6\A!*/DOF"W;8=PWPR CP\ $?>*EW CTH4Q9>NI@IC@=B9$#L7MB]9BPY12Y^!(1 MAWC @!9O WS.9 _H+#IS?H/B+>A6Q2I6[M\= U+L+:A;Z5^[E/(C*:,V:[?E
F.N%T^@4E@"PT(VFP1%V0L0 $O&M1+!(MS2LL&ONH|(TX)%,R(&@_+ WN(9#@PKZ*$O@ L&10& E\(U+F[.WY7)@# +W M?^*!UP F, X4V] !H!%OC,V(>&13 C&5?GA135B
3;)S|DJS^DL.9.SD|A% MQ]A%)E7)A41\A5C)]O4/*&Z1F:,8 :,9@/EN.W4'&6#"",.U(*%KR2V7_U#;"S_^9(';\U> &XV(F&L 2 1<3IE=A37CVA@ZV]2L-6 1<9JE+ EW9 WA/UB&,%Q:MS.H7'#
M1HMGIT6P78RTE:?.[BZK+]'G$3JF@KCRU#C"(2$(%V%S5@" M.P>DTQS$KCDTAZQM!GG]KHM*665/.TF?E*Z2')5%A . M&S%(%BD)"0>(==)%6*7*@\56[&J8BE*LWV6LC*%UY>1+JX",S4!E&?
4D@2" MG;RL. 72*15B2V'2<5& K-C6>S+5RXML5X"D O.EC3$]YKN0>!HY_1\\&>Z M'=G"D$X\$+MXZ.7@W9YF^2$!%[PH%,E' 0)YP .45?#TA<8KME"M(&/^3%B@ MA$(X)-G
-+XW+QZAV*D)$EEUY@=,E:I>"/2@&G)-"&1BE20 *S#/ZBTYE[?3 M :\"AM@%S3T5V1*],8R-J[B?^M/ *+P0RC?]+ H2*1EJ^V ?D8]Y4W*UF^TPU>?4P[NW^/K
MI#EW[=PTQ\"?:+7.2H%RME(NG6FH*F,5G*PV%Y)OZ[/&)RXE+ ^]/&T95$=<.M]7S%N3Q)66R@=[]^MA/2O!AN]\L7B.WS/#[G\=LYDP/-O[(8
M@*/7E&1L:L2<,\>6Q<(84LQ.NH5.C*QIGF(NFOG&8ML<<*I .*.%79!-SV6'-)EN\@2?@S]O'.M7+2LBB5*4LA80C.4PW[JW#GCI>.*@+ +X*X$#JWTC&':1 BF80?_Y:D1C6G!-
. C^R_JN!%,"O.8$[)WTG$XZDO % $:[PC M_L]_9E0'W)%U+"U"\ZE+:V@<(=XS0MP<*# _F*?_Q."E$# _X)@%L"W#9@ M< +@E0"O#?!/ /P2X+\7T"\!*G2KB%T)M\ /%_ /)^9W7/1 .QXSM.PB
MB)H$E@BFBL@]1C1WSS(N(#21Y]P@UW9]C4.+]\.]#?SY?KA[)AJO6A]/\7G? M6Y]B>30K\G*W8CP?!^X?G?H%NZ]GE[?0F&UQ"% #$#/(]V#.?O[)&=B_Z)2[.M)-GR0F0-5?U*5?\<^^P/<0.7\NDT*
[":PLJ+=C\,^KX93*Q]78RNU2#P3;]I MM>Q:!2/'"%96#??[E?O]LYOB,X\A1V%C-R0]G+$NGOXE]\ ER987(FN(.*A$ M''QW#^PR\,B2Y#]QVVW$HX]NB+K=Y .VQPG!*P*WXC&^99@
8A#N\H0GH+OF MI[J/\N)H3VD_A+ZY6DZ .BJT^5@NMD=M2I6ODY*:=@U5AI4JP[->/PM%0KK)E":,. M.F/"680^/R[OT0HR6"<<7864<7:M$^4\ 8NC%678"<7N:)2NC483C='@E"2C
M2I+169 _I!P31$]>2K] 1II=W?)UH:/IM^+IV@O'M:NZ$8]COR5%]CLBTCVW MV@S'UCP80?N0+C1F@Z!CMM2Q#0U:X,V89*+7[""2HG0 ?K^*FPK]P-5X@S)0-MN4K/-D+X%
<&K/"UP@WJ..>M&U"G]B25N#!Y/E'!!)G1%7]9,989U M(MXH5M@55,9!O)OK0Z.S[ZIWPU38=K3O*5[<% ^YBONC?,JF7R*>0,54(Q<:IV M&2 2FZJW*M/N57'2ZI_+\DW3?^&PO=V]R:W-
H965T&UI1551;^(X$/XKHV@26@D)-#=]P)R.ZUTE:+RO7NV4TFQ%OYFP#W2WU M.W9"-BU0]7OOV)[.]WGF&S,SWBO]9 I$"\^ED&82%-9NKL/01 66S/34!B5]
MR94NF:6C7H=FHY%E'E2*.KWK*2<1E.O]ZVU-.QVEK!)2XUF&U9.OUCCD+M M)\$@.!CN^;JPSA!.QONVQA7:A\U2TREL6#)>HC1<2="83X+9X#H9.7_O\#?' MO6GMP67R]-23.]QFDZ#O
D*![74.C)8=+E (1T1A_%MS!LV5#MC>']B_^.PI MET=F<*'$/SRSQ23X%$"&.=L*>Z_V-UCGXP-.E3#^%_:,U;S^_=&NL*FLP15!R M6:WLN=:A!1A <0U('XO8%@#AEZ0*A6O0\(LFXZUVH-VWL3F
M-EY.CZ;TN71E7UE-7SGA[*1EF44]HS6@=*#J\,3 2W>#X]/ MP)/WPZ,WLHF;>L6>;WB&[QMIKM\]30=6F&XUMQQ.!V8[Q@5[%-BE#M#%=,8$=
M>)#4'P3_226^42+C<@U_4G\XE':FN7&VA$AH6:+F*NO 7^SY5+6K;#_Z;%V+ MV4V[_=X?XW#75KAR&K6=!B]=DF,>N#=]?%Y(-6RD&OY?]1;,%("%6A_<8+8F M;5I"=(#EE@CN,17,&)
[32W>MRDO1@>H/<$]2*]I/K53ZO5?I+M[ADQS[=_K MWO"T**&E.%_%N6B4N427-X=2# G4 9SE+2SL!1.GA.#9MEW:E*N@9Q(]-3 M3R1^)2(VRUPA+UVH\4 ZG:2EOUC,,:3*V9;]cO'(..9M7P
M^4U3C<([IM=<&A'8$V6_]Y'BTM5XJ0Y6;7S#?526VK??%C2143L'^IX690\ M=T$SXZ>_ %!+ P04 " "B 4Q: (.=$\+ &'AL+W=OHV6TV6?WX01,5P_D$3YXN?,U7ZU9=F%^<
M,;.5O)'MM^UU#=_F^UZ6^4.635Z5])9WYY/W^.V5$*!EO@CEP_X# 2IMQ6 MU7?UY=/R?!(IC60A%ZW](H/_[N6E+ K5$^CQ=|_I9']/U7#X^:GW7[7Q8,QM MULC+]OA/OFS7YY-
D@l;R+ML5[=?IX9^R-XBK_A95T>A_T4,O&TW08M>TU:9O M#!IL\K+|/_O1#\2@ ;;>|J1O0 X,$\#V(>@SVW ^@9,CTQGBAZ'IZS_+L]-MZ@'52AIZ4Q_T8.K68'Y>IGF_6OX-
8=VI<5E5395D2^S5B[1AZS(RH5$-Z[[.M!IVB;S=7Z,W)+ ^@$Y27ZG!<%3%5S-F_AQJKY?.'?Y!+%"?:3Y!+9>(^M[.,GX^2UU M6=@UBW4SY2KN+RC#G,S2L_G]4'F'7,02,L.[N9%>,*\7"^KU?
K'8;?:%7H1+_M"88O\)QS"S_UV:,]V_R_^H)+]ZYK,=#I-!'!H>:=5#*2(E$\P2Y],=C!\;MP8-&? $O_=*E]2'WS2IV-#(_WAL?!Z?A6+H;N.KN[RPM8]-]I M=6P OICQ@PFR9?B,NBN8A+?2?
987V6TA3R$H.&VR0I*.NFU1(Q>[.F]S MV:.W_8X"$Q95TZ+]/#IVD>);]R3S!(IU%4Y05$!)H&D_:%'+9=ZBHH));G2# M:(8[^6@FIA !-%NI$5X_N(:C<2R-!&S^&_X;"'.4Y!O2?<#D@8'1%N=N5FS
M+O526SUNS99#B QL&&F'(P/@**C?OZLV*]!+]U3?Z6BLXL0:48<88:%O2/$@ M:L:!%W"YJVO0-0@?LU=_U]!CEH6ZH.$AWX/&\NSEO]^ MQLM8S.3AU-ABA# ^8YZY.8S'8Y>[
M(3T^BO]IU8Y0%[".(*G$ MVKO1)4:\VAH>XR#U7&,Z1.5T1GI!5Z.!%6QFS.ZP5D@BB$=1PT\.5T0/>8 W!&!GIX3+F/*I&&78^V=.?<=3GUW4X6S]/= M)AL5]I*PI80W7"&&?
R3.OX_%NNL!.U6V3&G0&R..6[ML EYJN'2%\&A!@$>" MA &GNE+Y"2O;E'F9U_<6D[+(48PXJD(*T 4^I*.JLF!S?05C"0I7O0 MXXA6*GNLRFE.82#$*6I .5I K&$+SI4W87?XT,/,E:?
<(N$N74LY"$VD#!-_MK"C-)18 @[FQ>@9<) RNZUINLT<3H55*7;>>>.I,([6 =4ICZ_ QX")A<'71-MY-'P[,.1;CR))W%DE%$2V<;9@U=@E$<^S!"#05IN+I[TU.+[^NJ-M6,JZ^85EM-
@#X1MF.3E51)L)HF]4(M0= M) .QCZ91U/^B!K;"V@FI=EW5]@KT#C&13A-"IBPF>H*%M=RKG2$$!S&D4N>K@O,8O:C-6W9"='LEA MEY!B0Y *[F6;YV] MU.4.]HVC$]I9 443C$ZV1:U'"",AI'=
(>9+?E/M;G46^5OW]IC.BH2YSW=Z M"UP%79'Z3&_&YBP.]R*>5.BAHZZ[7U9H+)U]3[.5AZBC XI=!6DDRSRKL8P.WI#FX'T!SSK\!.?O A/!.++)C2(C$"E*<@&I@* M7R+,3 C
PHGP[U6Y.H4QW^BCCRF2/Q:%3CEO=9;H"V7+G40/>;N&&.E*B1YE MY@P(F;.42Z*867[&)8A5Q.5Q-.R0G87)WB=TG2L,G8+;-%5G?600_6J.@0Q M3K$O.&2#0USVK$.!W_/L-B_T69-3TR#
7QIXO59O8YL.<5F8N$\V;]6)&D1@<MU1WXU>']#UHP:R+ S9?5U[FSWZ:H+,AFPBJ.TB;;&8>0L2S$"6A2%[J1_1-M
.8NGXIO^IA('OBXQI3&)@'G:.U2AUC*O/H:NK(C=.U^]'AWL.AW<&G3R.SD\K RHR.T"+^.'015W.)%Z0VQND.C#2-2Y+.^0 M:5Y+50Q$U6V1KI1;=LXW\MRD'!.?I\.^AZG;3F/A(P@T5>9B*HT)
[8$=QFV4C M.O1*VE(\\BII<.>/'5[N:UY%&"/<4>+<=:=#KZ1F6U2/4J);64)NX/8"W%$C!B]P" "7&(F]R@^>5 I3]ZLSZ2V6%6X% M'9B*[4*O0PS"0Y^;X@91/(RH<1G[2$#!;?XPC&V?
Y9#CZMC0YQ.,IWC\C*KT-M,2V#K'MIV/-.O8TM-MCC8>SMZZHY9#H,B5]%%.?5#HZI4.U-86E@/T_CO[^ MQ\A&'WT]53E!@BS3_"4]H0.,;I'Y_L'+*=4I(.+>,F?B]< _JB?PI&VBF$^VV,U,DSLONI1?
X-D.NILT'+T5 @K;2+4W3^ZO[%U@^ MZ/<\#]\+ O92<.0>W U<*D5+=O832?6FK MK7XMX[9[(8/4'],&6.@<9NT0!M9]1H]V"8!UIB;**2Z))TW.S7[E@ILF3)-MBE,L'V*)NCL^1][=
<^3TP.5WN:54H9IY5L@,:ZO4[MIQ9+*E.9$YW]$"OMQS MD1.%KV+CR)V@)#*5*>>9XKALY.6&%.9N:L.683?E>.9:R@2X'D/L.^)>+RE&3_<.M6.AZ&OC"ENE!YS9=$($$O;^QWN+KA>=I!2/Q
MC=&#:#PC[4RLVGY^L.MOS?.@S-K(NF<9W^O5&UOK(F%4GI/]IGZP@\?:.50]I.TE/)/F/SI4L]Z%DKU4.M[*^4 4']_BO*7 *P6H]&_ 3,*7]7@G2H$9O3\2L&_5"&H% *S,J4K9AT61)'9 M5/
#$EH.K.D'LYA&&]QGA=[WE1+PE8&>FLUY(7G&4])HBFY)1H]$HI4V)&K M)1&T4%NJ68*RU^@-.^KI:H%=7K]$58@7ZQ+(,MDY.'05 M#DG]2=:EY-Z9R9=
MT,1&/AXAS_6'"O7%Y>I^6]T!]^LU\.HU\(R]X(R]MSD7BOT++'S#G4O6Y4^]/ MC;[.I(=9C.W8;?SA]?/0]*#4"!L..(IKF19,OX,I#\,(.$G_D"ZH[F@*5/H M(Y>]&U";FG3F?^;.IR![A.)^E$&.,AA$^1E[U5)
71+[<826$%_*D2)%[WL MV0X*1M_ZW@Z;_!O_T^=BT$'0A4'HY_&)ESURGC<.[#;=:.AH.HYGNALP.1 M*2%9^KP:UC_G5=@)<^=N+9WXE17+.CBV[Z98[IGZ)AGWB>0S&&JL\'Z$=
M$>B!9'O:AL.T%#<.N'8G"YX1.F$5"YW.2UM)@^[.Q M#JN\/0%\B60+]:1&/7DY:N!AJ2 Y6+'I@SWI@.FB>.)YP?@*T&GHD@[$_P=*X MS&+'.>QX$/826)A"G*=H52(*2D!0?5.*$.8W'1UH26%
>]3G1'O)G#PCU(*. MW2.UN2\#OR]7 .>U@L%1&HU8&]@;+.)9)MZ U6QK\$ <.AB*FL-A%U0'=%@@'$ M1P[%PR3Z5 XS1M8L8XK1 L.;@2Z4!QGZC<%4PNW*A%X7VN: XDB@>9M&/1WPC
M])D728F[%VN7'X/8QO"Z9.+/ ?EV5]4BD>)KX&#B-]6.YQUP4-.^3;](^$C)AY.?ZMSGNTFH4GL*;=.1% M_KD>&A]!%P_S[75-.
[.#@WP^!1C5RJ:G*M.W!%>O6%Z?4$EK2RUJGD3075F MZI$*&]ZT<6HN;8\TSGN#7-62$-"/HU?X>1ODNU3X-HK/#(!"<=N<] U..T' M=?35@W 0UJ=8\U&?1T=0J>6.FNN,#_*!WZ,"\F-
7Y\>NS@_ZE'!5#{[0%3"< MVYY/1] +)DM:86U&6F7J[AW0R98HE) 'M*9H+V&4%]FC)AE045#"^#IC&\.P MQH#:TJX1&WW1+8K6^LP51<$(63H(>*$$![3%]JZ$*Y>=O2DE*A!4+M+RQ* M]:
(G]" R9O\!4$L#!!0 (.*(U3%Y#H),$PL !TV 8 >&PO=V]R M-W'

Y$@SIT/_;D%GS.O]8(LD33?8C3=W!3^\S8YZ-"5'B6YR M9K1/^=@$C^G"GRWAAVMU T03C)<^$>1Y.0N]458]S%'->Y"7 M^/Z0B;K)T2//N>164#$!0"5@O?C=)C8\(X1,R5@BX"MD-
E0@FGF(FWFZ-8:, M-X5B!MV#<[EH/=F)"< Y@Y5/*Q'"(<^8\2"S_KPX%*EYB#CQH TZ/3V]GEH+ M7G>U('_9&I.84ULP5K "K*;F (6LB#^S3!M$GV5G)*>8X@)P3]+,]>U%MT*6_#*M281-R8
MM(H/:15GS3)<=OAC8:E"$VYD^,5LW"4 5B(!\PU8 @V)1ZU#7 ,3<0/372$2 MSM=MG[_-RV,1YPE'#[RJLCIX?T!G=QP3?8"(%AA50\=J31.Y%KF2L",&2OV"#);4&M,UIQ$W)ST((7\17TF MU2S-
!"5@19<&" -6"VNF@6H^HFX^^I9*<97(FW7D)LUE4.E@N!*RD^;\66E& M6_FI:+.SBB;DG/O$,R$G)W!;!$ B%HZE4RBM%& CR0_944)MRTVJZ8FZZ>EF M_:2BC ((B85IFQX[%.
(/GE0HD2,5WO3!0%@=HR]@Y(UUN4R&DC0KT7-8*>U" M9>S>O@*@R,C" D93:C 18(5MJ0[:VX;[*2(ZEK*Q5!N=.Q>T[H-AU\%CA*= MJH;Z"S-W"1D2?^'UAO50J<8BZL:BKW+PY[.5(?ZS
:C71AA!B9BX .\S"T!P.IAV51!58NHD& M)>H&I7N=K#!T=4%*"M6:F]4>BK<%Y]:$/S5WUR0D^=Y8HFEFA&N7R5":)BCJ)JC;7B?] M:67AJ4=> 2:&] @PPIYGDZ;!B;K!287N-
@N:YFK[<,^+)*T!XZ!RB%VBHM;= M].)'4-ZF8&JQH"HH.12:*1C(CB[-30AV-CTQ34_,34]W0QF2?SN14N$^/>Y!900(M,>-NR<#,TCA-"+BRB=
(,Q=P,=:>#IYX._A^Z9R94C0,/@X"*+4R]+E=#O;W# M1^[ML2]_'M/JM1E>'][:K9\9K>?*@F?UZ3K[* 0VN8*%D?V%S*AG"C6WWZ;8 M-@@U\; 3B:#>*8L6>WZ[O7M8?
5='%$6AJB'-9625K(QV(EOS I8*Y'66)OM M9@3+!9LQ-,V\DZU5-?BP$P>$TK(G51V_^BM" 4+Q/;--S-)TF@PE:LYA M)PX,C256\0OB36\^Q$65VU0!^1U(U6G$<9H,56G$86[$?KHN;I. PZ#3O]X
M9H<$S+!UKM>(P]R(\Y<;#-KO F9"R,P\9\ ++*L,WR-,;X;8R*Y!%WS?*VV MXM,UF@Y8!CS6"*9\QI)\|(B0>:@+LJ.#W8RA+HTM_HD-L[&N,\C%!X@DG&'G MSB=4AE$C:PF9^;XMG^YKD/'=
(%,/NCC16V6O;WD]4*"+.EH]$+X$,]]1!Y&E MC >7&2K5=./_5(;HW5N*Z'T3:LY-J_A HBCPC>YK8@T-&3%F>\ .8V;-A_F: M;7PWVZST@DIJ_E#_KB/.4YQU)QC4+%BD24TW\O^@7.@$CQ>:9_H
0T(\W\AW M0 [QTCI>>T>Q3VUUG2L3Q6HW?YOFN6IMM2;A12K6H'HHV2.CB]'Z3E9MG7Q1W+M!=_;::.[6/T2/ MEZ&QW 3,H$J+ #M[I34U,.^] [/GQ;9^_ZA$]5FPY@V4[FKWCM--_6;/Z/IG
M_#%JWE32;IH7I[[%A>P:)OJ@;=&^$7?\/4$L#!!0 (*(U3%IY^U5FO0(.H' 8 M >&PO=V]R:W-H965T&ULG55=3]LP%/TK5H8FD%@^G/0# MUD8:;='V@(9:P9Y--J[*VUWEP'@Y+T?
S.EJK>U!D(XV9 4+T ^;>VEV M0:.2TP*XHH(C"RF%)2J;G8O<3 MZGQZ5B\33+E_M*NQH8>R4FE1U&0304%Y]22OM0\M0I1\0L U 9]*B&M"?"HA MJ0G)J81>37"I!U7NSK@IT20=2;%#TJ*-
FETX]QW;^$6Y[9.%EN8M-3R=+C31 M8.JN%?]]1!/!E6 T-VFD10Z7YC^S$L&2"S1#6&$9X 6KH_GD F> M44:)+?P%^H8>%E-T?G:!SA#EZ(XR9L[5*- F6OO-(*LCNZDBPY]$-H7,1W%T MB7"
(DP[ZY'1ZW$&?GD['?39Z?3H(STP%6K*A)LR8:>7?*+G:D%X79392TFW MA-FJ72*BS:&4;Y2OT"_A)7197:D/G+H='=LTZO7]_BC8MAT]1&&<]/SD(VQZ M"$M"?_@1-
#N:CYU^UVI#,AA[9KPID%OPTJ]?HG[X_8A;<>-6?-2M.2@M:6:; M.#-^=1E2"?3;.>]-RK(L 6)>_Y@SXL.4++OZ^QHM/_I1=)XD?RS'R6%370T/FNH0A?$P\J,](P]A]-Y8>NWQY@=,JX2_ZJ;45D7
MM.:DO07OB%Q1KA"#I=$(_8&9K;*Z6:J-%ALW.I^$-H/8+=?F,@9I >;]4@C] MOK'3N+G>T[]02P,$% @ HC5,6I@-2L0\#@ ->XP !D !X;"]W;W)K M&ULM9U=;]LX%H;_BN
M=EL@MO5MN9L$:.U8$C&= M"9K.[,5B+U2;B87:EBO)S?3?#V4KEBE2E#1Y=RZF_B"?0U*O*>J<0^;Z.4F_M96M*<^W/[6:7W0S6>;Y_/QYGRS7=1MDHV=,=^^8Q2;=1SMZF3^-LG])H=:RT
MW8Q-77?'VRC>#6ZOCY_=I[?7R2'?Q#MZGVK98;N-TI\?Z29YOAD8@YZ /-?]_?I^S=^$Q9Q5NZR^)DIZ7T\6;PP7A/'*^H<"SQ1TR? MLXO76M&5KTGRK7@3KFX&>M$BNJ'+O$!$[)\?
=$8WFX+$VO&]A [.-HN*EZ]? MZ(MCYUEGOD89G26;_\2K?'TS\ ;:BCY&ATW^.7D.:-DAI^ MDTUV_+_V7);5 M!]KRD.7)MJS,6K"-=Z=_HS_+@;BH8%@-
%&4%KU;!:JHP+2M,:Q6'$4W;$^DTF*WX?#WG*OHU9O?SV(8]R MRO2>9]IOC]HLV67))EZQSU;:0YXLOZV3S8JFV;^TN^^'./^I#;7?'^;:VS?O MM&P=I333XIWV99T'X%05LYT M1QY?C(C%+-
,9N>=2W*6USI?6.E:SFG_\%ZH,F;RV5'M;J//=>]E%M51#7"Q' MWF?[:$EO!HR:T?0''=S^\Q^&J_];-B\A87,D;(&$^4A8@(2%2!@!P3@9VV<9 MV\K?]J]L+7P2KTRTI[K>Y>]U:M1_7S.EA;YJ1,(62)B/A
7BR'JZ,'V'2) $ M_,EFRXNYE]./<]:/H]2/[!; 38976B&QY%'[$OTIDY@C#L1T-*DI3-F&O@I# MPA9(F(^$!2>8>S&P>DU=78:>@-K$B<*0.$Y]F3%36NFK-21L@83Y M2%C096!#I$4"@G%*FYZ5-
E4JK>YK^B/:'.B5]F'Y_1-S_17.IRS7/M%\G:QD M,IP*HV5,!1DJF]!7ADC8 @GSD; "0N1,")>\B%WS3D=&GKE.-9;;J^[/(V_M'HYACLF0K7]OC*$TA90F@^E!5!:"*41R75O MT9F?095VNRM4R1M M
:7Y788C@)H,H32"HO'RJV(HAM*W??M+LGL:LMOUEMVUEW17Y"PT2\|2UY!" MZ&BF-MA;>]#8")3F=QJ/ &HSA-((BL:+KXI\&.K0AZT;;[^]TZ+=2MNGR6.<
M'W,+V!)2JC[1>SX=N5/NO[H4H7$1*&T!I?G]!R>--B"$T@B*QNNRBJ@8ZI#* MAR^?M/LT>4JCK52)HMO>L-TA.T!23!?22]0MZ2TJ:#"DH9]>74A(HR&41E-T
M7DA5],10^KEO[W8K1>J)*167*V9H3'4QY"LI9]<7/G-)(6GV24LW&M)/)/36 M_).R#A?0MB:.>-<4RPT-T[!&-6=!*"MH3>J_,R(I9IGNR&YX!JU"#<;D]<^@ M2'?W#$J;0VD+*,V'T@(H+832"
(K&B[@*8ACJ*$;C.JSY4< 3W#F650^@=2DT MEQ2J1/S;*NP@*D."ZCSV,K*EVL%=V)?W']/RE#;Z'MS M@](64)H/I04EC5M6B;Z($&J4H&B\X"KWOZGTS+X^\:WDZ4QMIK>,H!YY
M*,V'TH*.XQM"K1(4C1==Y90WU4[Y#EE%INA[MBW!2:"VTUMU4%\|E.9#:4&G MT0VA-@F*QFNN\|L6;:E\|6]0O*5UEIXR.M_?1S]/FP#QYIS7LW9+N\S-%3[1I M3'0ANU+=G-
[2A/KFH31?,B*>/JT[L@*HT1!*(Y(N&)9K-.42F96GW51[VE^5 M2V2*_NFA:5E"-%S=AMY2@WKLH30?2@N@M!!*(^W7GE=DY;(WU;[N>9R=%5G, M?DV3GQ:<-DA+A2DZFV5+0NB.!RAM
:7Y4%H I850&FF[\KPHJRB#J=[14.[! M_WT7-]QT)VT/6[.RR*4#1J_[!^:20D/7E>Q65C>W:;LR-#I@BGL-BJ;6#"4@YA&9[;OT!Y:ZE&PVK/$D+6K.") WRO,FTWO# M$H,*PZE;WUTJH0TM(7.
(R,;48RO(B7RU;E4Q_^OD'GY-3I"%]%?/H+0YE+: MTGPH+8#20BB-H&B\B"\.5^H5@]#8*[K=%UX1J9Q%A[DUM<1[)/;8)$N8:21& M[UHZVC2-8<]1PAZDA#U)"7N4TO\CC&%580RK+8S!G>FG?
3[+5F-?;>.#-&VI MA/+WK)&G*^Y9,W5#>FL9&L" TGPH+;#6++4(?0!A 4C5=H%?*PU"&/_LF6 MEGB0D.76GWV[%)I+"M53ZMJ+^.H.]M8#-,H I1$4C9=*%8NPU+&(EF3+LC:?
M7^L)NZ"Z%9M+B@G::"WBJWO46QM05S^41E T7AM52,!2^]A/M[>0/630U;BX MR]%M<>CKX3B3Y&NJW=,T3E97VL/QN-XKK2V&8+7'$-J+S"5%AIYKU874"O+5 MW>\M)&@4
$HC*!HOI"H*8'4]PN@DJ9->M!=)2:72FI_:R\REQ09VKHPY[0G M_ZL[V%LJ4(\]E$90-%XJE4GOLU2G>9>7+1;1GVT+BC]I&[W4SU$D/I?E0 M6F")+O^)]]_K=XHT"%GVQ9SV3TA*TQMIK?
DH*Y*,V'TH(N@QM"31(4 MC5=YV6^UN M1^1SVV*RN>N.;%5T2-VJWKJ#[CF TGPH+;#;_V@"U"#I=6UY#59^?+OE&* 6 MUZLM.<-&DI S4YOI+2K)\3VR-*"6SC7$SZ%M]:&TP&Z-
8X10@P1%X_57Q0KL MENT#/1.];4EJO7!4@]IF;S%"SR&"TOPNPQ% 3890&D'1>/E5$09;'6'HD^AM MBTGUIBLD>JL-]M8>=),!E.9W&H\ :C.$T@B*QHNOBEG8ZIA%KT1O6_2Q3T>& M\HQ1M?
G>4H2&,Z TO__@!-&A% :0='X/]I6A38<=6BC);?#D9R77X^-SASQ M4"5=. -2W8Z^DH+2?$<,#SCLH:]^PBC4: BE$12-EU$5YW!>LY? EDI+MI? M=3W!Y>?(]A+4S^\K"SG-:^F[EBXT/$!(K+?
N(Y#4F3JF(>PCD S!<&*(?Z=* MU@9+B+D223%CZC7N^W6JH(+S^IT$#G0G 90VA](64)H/I0506@BE$12-%W$5 MIW"Z[B3HDY)=0B_GE:%1?P956^ZM5FA0 DKSH;2@R^"&4),$1>-%6,4:''6L
MH7_6M2-ZP"V]OOKO4F@N*53/JM#6A&/I1&4#1>&Y4GWU$[N_]&LJS3ZFR> MM1>92XH,;4$I[?GYZO[U5@HT/Q]*(R@:KY3"Y\Y_4KE!G;_AZ6(//]H#36,F MH@]7+Z\^'N]3Y9O9\4[%7JRC%?
M4OH4Y53;Q-\/\2HZKJ3V1V'2XADP M>=3>V+K^Z4I[X[!_CJPWGFNQ#QAF3Y>% W;SSRXCGEXE-&>RR.Z7Y_9PS&PN&ULK9E=;Z,X%(;_BL5*NS/23,&& M0-)-(TU#1CO2CK9J.[O7;G-25,
9VVFF_WX-22'8QI J-^4CSSGV:QN?MS#= M4_;,-X0(\"O/"G[C;(387KLN7VY(COD5W9)"_K*B+,="7K*UR[>,X*0*RC,7 M>5[HYC@MG-FTNG?'9E.Z$UE:D#L&^"
[/,7N])1G=WSC0>;MQGZXWHKSASJ9; MO"8/1/S8WC%YY=99DC0G!4]I 1A9W3A?X/4"^65 1?R;DCT_.0>EE"=*G\N+ M;\F-XY4](AE9BC(%EH<7,B=95F:2_?AY3.K4;9:!I^=OV;]6XJ68)\S)G&;_
MI8G8W#AC!R1DA7>9N*?[O\A1T*C,MZ09K_Z"_9'U'+#<<4'S8[#L09X6AR/^ M=1R(DP#H=P2@8P :&N ? WPE '4%!,> 0&TA[@8'0,JZ>Y!>S5P,19X-F5T M#UA)RVSE237Z5;0T
(\;NN.X2/C4%;)K90/N M\MB-VT,W4$ MYTZN;<+8VY"U$[AR0NI90?6LH"ICT)'QEJS3HDB+-;C%&2Z6!& !8K*\ C[\ M!)"'H&F(#SG#*F>Y0;S,_F_D>_[4?3D=4A,V06'8QF(=\R>ADFNA0_"TP99X
MOQ;O5U%^A_AOG.](_<"Z]!;Y-J.OA !>KF6PW;'E1F[$8"O7H6E*-GT%C)6E M-!_-O#KC*6O-1K2DCFJI(ZO4OVFQ_BP(R^7FM91;H*Q8G3)'^M,0C129 YA8 M9U29-
J(E,ZQEAE:9@0<_/'\$]8W^LA@H%:$DQ8"#WU&=4Q0TG0H>Z2,*F53]Y;$B:7+ F73!9?,MGB M0LE:HP^]QB1Z]I5W,'_BE28S9W7]S3,^Y&X'UD8D"8L;C@B0>&5GF*@0,' MCPON24*D-
TZ,BF&_XEXD[D<6!B3P.C82V/A+:#>8YU9YJ!L]!-4R/P2*#9 F MV8:T!3>>$EI-TUFU_ICJM/UH-%;%#H!B Z2)M2%ML8V%@W8/=W[%A[JY\M7__M".9#H-@
:9('.SG86#EH]W(]=1\:O)D_GDQ4A8.PV(!I&@?;.-CX.&@W$S>"?J#:5P-GL "F;%WJ&V,'H_=Z &CUA.>:@(MFBR^: M;7&I;.TY: PHM#O0]Q1*W0]JA;(7B?N1A0'I7'2-[X168W5^G9P82]!6.@9
ML0'2%-N0]GNGQNDAN],[ITXBW8Q%H;JE#H%B Z2*M2)ML8WO0W;?=WZ=1+H; M\SU-\@ H-D":9!O2EGSR8M%N_'KJ)#)9.!@$JL)!6&S -(V#O1YJO!ZR>SU[
MG0R,NG47%H23,5+KI(F+_&BLUDD#9WI[VN_]W)-7^^67F^^8K=."@XRL9(QW M%4F?P0X?0PX7@FZKM_U/5 B:5Z<;@A/"2D#^OJ)4O%V4'Q#J3U*S_P%02P,$ M% @
HC5,6NM&ULM5=K;]HP%/TK5E9MK<1(" %*!TB%=-JD54)%[3Z[R858=6)J&VC_M_:Z3D!$>42I1/H ?]YS<[,A8RIQJE*8RO",O^ M,]6.6IZI@HG@?UFHHZ%U;9$0YG3%]8/8_()<3\?
P!8*K])ML\EC'(L%*:1'G M8,P@9DGV2]]R'W8 K>X)@)L#W'V =P+0S@'MN@ O!WBLYF4U >?:CH:2+$A MTD0CFQFD9J9HE,\2<^PS+7&7(4Z/9IIJP&/4BH@YF8A$"A#T"3M5H.XCNL=26A2
M']X^ O?KPT]T*>WBH-HIGW>";R+B&-^3]% :Q&=K%D(2J@:9@B2S"$\%5R'@ M. B/N9^Q]U-V'L1ZVFTQW8ZUU'LJ#.;E YPC^D<9K]=K_T*2 EH5XAU*L4 M.@/)0)%;,L4;
*3<5N(Q495,YL:\44L:P-#"*U&!7(,U^OJEU75^'"N'>X^S52HT8 MOSJF)*Y;B.O6*8]QG?*H9/IH>9R3S#\36@=' M?Q#C5\>4Q%T7XJ[KE,>D3GE4,GVT/,Y)YI^)K.1@OW"P_\GET3\XUNMN>Z\|
M*G/XJ%UG(LOLLG>:J1CD(FU*%0G$*M%9\U&L%GWO;=KN[:V/L1_.VM?_-%DS M?4_E@B6*<)@CI=/LH5_K3+>_YC3-ES2^MVWMGIZ=? MWUN733=Y\@-_]L8]^<$.?
=MTYHTK_+!>EV[WU+1V^^/D_B1\|+99KGI\<._) M#YMR::Y,_]OFC:._[L55ZF9M.M_8KG!F\>/D_/YW3Q_B>7[@]\9L??;O B>9 M6_L!?
US6/TY.09!I3=5CA9+^1UBOLJWG_RVV^NSII*@&W]NUODP4 MK)M._EM^5#[&,Z9:-F,IG95\^^<'9;>'P-*V&?_!1^6TBKND@E*O> MT;<-O=<_>57V@S.%712O-\:5X)0OSKNZN!
(IX9NK9MDUBZ8JN[XXKRH[='W3 M+8LWMFVJQO@?[O5$"):[5^FF3V73LQLVO7]6O+1=O_+%\ZXV]7B!>W2">(RS
M<(RG9[>N^,Q4L^+!_6EQ=GKV\);U'D2V/.#U'MRPWFNW++OF+^;'M+@@IM!A MZU(4B;CSQAEONEX^(!:]:+JRJYJR+:[H0T-:V_OB?\[GOG>D=_][C$5"P,/C M!,_6O_.;LC(_3C;8RUV;R9-
__NW^UZ??WW*\A_%X#V];_;C4R_]:ZK=O>CXC M1JXW9;F+;>E+KTB/_7G4+K>./GVI7&N:=MK^G\S+2Z[NBF[O /72,3+4IC%KL4U53'T3=OT.R4)KT-@(++< M;)S]V)#W,+34@]ECLN&VA=*
(;1OG095O/A8>BN/YP$L9.$]EG^W,D1G8#%]N8BJ MZY/JTJKM4&-9XJ,(GX4S^"GOOR[_L(Z.?&*W':V1LV[*O/G]\CF_L%TUU:K8 MBA"QVL8UK&%S.B-I5X-_EPN2#W]KVH:
<7#0KG+CIZ,L@[$@+]B#;ZGS)WIT. M]G16_.99IY_[GCFNIR7[V90NKGG#><$4Q#C(<=OTJ^*G_,W)/P_AX;LCP[< M48S"PT5OZ:\/1&O8AHDI/<6UC5A2ORI[.M2"U(-/1018!UZ7Z\A)>M[H.=JF
MG$.!&EVJ;GS56J\62G1!T-CYIG=D%X@3+^#?QPXI@KF)'F>N338C!7U2 MEZ(>')0LO82_2/<:6_(*_0#[4#LH1#HB="A!?%T;EEZT)\GQ+3Y(Y@3!\SZ8 56UJ6A"JL*(02W;0-O0BK/F:7A#Y
ML<1((Y=T[I;$0X8JO&%^.&.*M00!I9$LM7(QJID MN^4)V=@:BJ?/$PFD?Z1"1IZ!TYV7U0><27P*45;1)@3[BC\LV6A!ZL,>O29% M:NV&3:5<$NM50NP(&B*@)36FP +U.V!102?!N2YR#_6T;$%)
<064,S(1^I(E MSZ_B\WV!AO6RJ#P*.:IJQ0L"IR3]9[,0ZCQI8V5HF7DKD>2W;HZ8 2UE0\F> M=.G).Y"OKM47T .F#Z[&.R6"//U.4N.!XV ML^++N9Y9$@N\]=6L>$&^VI(*]N0]._AU&\U;O/
V19^KN\!ND2/JG&)86C5T M+B*8;'WP9(W3>%(.?1[&51(YCAE+R8JW792D'S9@$O]-=F1(9\#L8^)3:DJC8Q 1T M'!/GW97H@$-3\6Z* ZE_L-:""RVG1*(X85,/TT1DGQ/_H\L.4A7]PU_D M6^9,9$6
JNG)>0!6L,="^/Y(@F'<<)4SD9P11:G.]H@M]+&]!NR66)IP^FQ42= M")R,)9C-SGC" @KQH03RD:2;C34AQI/@@H\P>:J:P3)8AV^CQ]Y7%^+%\?$986!)T!ID]<6B)/=!+G@0,90<%CPE%$(W
M/7]=-BT(/J$CGO@2ZO&.H6N^$=Y331='3SO#E9V=?G]^L,_^3?S@_>_O8$UP MM*0X;?,7?<72U[@(U9X6G6'-KR%$R2($<9PZ$;6KA<4DE&&MN-NR$T#$
M=6:%0L:U"6\#A]#ZI(MD;25%QGUXI4A^GQV4S)#S*%'*0$9-9-(GI)#I(Q#M MA99H;5!?<8?T687$#$+,I#1'=2:8.I$!3E36PT0\J?Q*(C7!/"0,\(1E[@!P
M&CGK0EP\Z11YOL8)W3EDR%X:A@#R,_,UY78#:M HL[OHG94R(Z M]2U"";KJS *N1Y'8[?#ADE^=D6D#=I+H8+B12/4J!'],?MH WQ!'/"6V^.P9 M&?%Z3J2%,@;_[P/PEOY[MN]%
[M/WDQ>0X.^0X*W>@T(OY49[_2M^;W.&(1J@OYJ>AUEY#V753I_0F M'A*Y>R7:(!X_!CW6.#]42@&YO-ZN/@-Q&K7@]2\4'L=DBK]GW?3@Y!^<'MI8 M/5 *V-
L+CHD&+)_R[EO.LCJ(%C6!^9ZVJB9#)IWM,M$9.(G@]J,ONR//8M;XS15&_^7[!7(+=3%D#GM M2'DY98L[BU*(Z#A_YI/LF/4@(RKN3DV"T[]41XB8W&Z:CI.Q[*U]6V-@,3>Y MVN3KCRV:"P
6V,H(\AF0F!TXD#/&(7&1EV5/ O:?<"0_S8HW+4J"8-UK9OT; M33*& M">%%S,)\K,R&O$G64I @1,D:G8@48N@MZJJ+!10JVL&4B+>MJ)& %N5O6GHS M.
(8L:Z;D%/#.M8VZD=)8;CB'K=6/T$VI&@38FG6 (+]UICNH*#(?"-.AYI] M^CX$:@Z+1!G[]P3-MJS$[ZNIB*6.:L\DF!/"T>*#09+P=DLF\G#V^!]X69#0 M@]FWX:\'O/^#V

@9C)W60U>V<]7B3R?;XU,. GMA_O6VH"V^5)VUA%:"GQ@)R\!/9A MT. 8H?#VIO;J;[A+G!X3))9Z+2AC0PH"9_*.0LQ7CKL>$X4 M.%@+9R:=_B'^/(NGT@OI3FCW=>,-A[4!V-
W;1;\M4XD^1C9=:?!&"SDQKJ%? MHW_$!AH[>MD5Z,9P!6W8J(Y@M]:$9Y4+TM4CA2)OL&1.<,U#HP4%!BB2')^> MX&0J$LO"*&L!U@V7GWK)F(G>J5*316+EA\M+&3<"NX185%52.%R@,,
)^DV< M'S8GE+5 7W#D=9P'."Z1JK5#K<)@!^5IU1 M$&@^@8PC:W.VD99+M-&D.G:G(BGE?+ M9RX>07A3=@*GD.11@M%E6!&+D6W6EH$HJ!VM_]]K:I3D9ZDIT3*)DQK,F0RU
M$!".$)O,K%D/ZX+;>2J3>'B&"IDTV]U)A+B21;0JF$PA8T5]EX*T-$_-1^,J M$_Q;E+,HANR9([5XQ_==-PS*\+L+PR>M6P## MKHS1JL IH9 @RT_4 BZ/=TO?82QC(86!I2O7/I7"]
C^"M>)FL4B_MJ*&6' M@3;J"V'1D)D>:YP%=X+@/3@?>PKAY1L;J&R&50C%?&8OK03DMR$,:Y:%2IH+ MX"_OH(6FIQ0)8N_YH+#+0N!,YE9 Q=E"#BY#;^.O@(7]BO1 6_=H?C2AV)%4
M?]2Y$V0B)(>2&QX*_#&LF->VO4X+C(=LQCGZ-Z0K5TS#.]#P-#)*%6#&8MCBO_Q@$DA47;3EX319OJ.BP$R5S0^N9QTT$@X3< M-=1>%E@YI,C!X<81&"W7C0$-
ESRR09B2Z0JX3;O@DCUG[KQLM78DWGJ_U,V9 M>,6*QK6KDUC^Z>D\BT6:XO!!8V.8&+4HHW"16QR#Z6[T<59^GTYBV4G*3-,[M8?K_CXKAOT3>5_0*S\UDX0'.T4JCX:E5T/+KY8O7C-[WF-
MR*1KV]KE+LIN MRZ.V8,.US.)P:!@]23@*!H]/K,(=L'ODH/!%G M$7KZ7.% ;4;Z4]G+B2],NYXV)G9[-' MMRWV@"OS$,F>CB0H%;LOXMO2C&5H+]K;:\53)-1IX2SHHP,ZAW,)-BA:W1R7 M_MVTE-
7C_H-'=^$A<>=L=OH)]CP/ ZFDT+66^]@)DE.Z(WU'+>_3%Y=OKFZ M>/V%3_8R@S?@[J>/DQ=M:#?]-WO?NG!6R H%-Z#]O;3FUF:#5+>\'R#27V?[
MW='G'VF/3OV6N$=\=9XG;V0^K]2]D$Y(Y(J0+$[^CF+1&.5"*>(K-WH>XPO6\-(2$_&@7 M)F,+BD0DML^"<[D'4(5ZPQ6X-TP,?WER.#$5@%=X:13&(VGZ.![WC M>0,JG"4Y\")1G6--
"'B:,AF91XT1Z@_"2YZ MK8$L@'*+T&4^5@B]A'6'85O'5T;'22_'F15W]$%= M-9MLL:QJMQ0#QE&?C.E P]\V_@/96!QO/H=H=?+GO1EU^;$;R8AH[;GK)1/V M]5+JK>&U0M&YJV5R"A
(#=?']Q]%;>/2&OORT7H^)/:A?^5&,P1WZ5;GPT=3 MTBDI@0O"RTLJE+VN-V$:2?OI"2SJWSQ7)'HYFK:-#3^D.4MQFDF+)8W M]ZP[VZ?
AKI'.'F53<9]>CQ%V*!71=VW9K&4V%Q$:_AP=%%*H>=LL=;C!A@KM M_G-8\ :J2(C5$"ML+)!RC6B"1,Z%^@Z[%GWRV]Y^LO#>3=:Q">@ M[JN9C@,5[S MR;SZXU'1HQ-$^9RB'%9':?8+K0G:
[4V"1&9R9A>K M;NP Z&,%3+W-F)U@12@\)1@=6U79 $ H):9^_XP27,Z"41V:'IYZU.)@*@1B M/3K]1_CZ\MU%RMJGF>G#T7+=*YX,2VL3Z]VH;1'*)L<5*E)_V H/ 0Q ;0\7 M!% =NAK2'C\
<%=@?!>.*#X/I;&8+R>;^B]*=.%!\C"PTJ+_U!';G0Q\T- "] M." +;O1H/2Q'VHIEI6>=\XT)JW5ZUW3)P-1];S#ISF@Q2Q+KIM;IPQ#3.-0H MM3Y5%<*5XS(MA+)7IX
[.&P*FLJ%>>P7IF9OG=F.=*VN="Y@+)I1TY0-V>Q3).F" H(\X0VM MVG"109QE$>(.NM9DL5=VP"TN8]V28+@\PQ,U_Q$Q^S4=]FWYQ;]U(XV0FB!F M)>'@S> \AG.#@"Y#XRA,?
U_8.D3SUESC25F6F,=^D Y@99B91\|8R!^, S3M MWH6^7 (<446;%BJ@?+Q'MLM1LH*^8SNQ!J:*;,D[>,K F-8$U2]S!8K8EUR: M]/PX*#L3>J.!]]EPXYR\#!(#F*-8'EYAHPR=>C*!K+E-
6U'610S7R^)OB9(2 M]^>$H/KJ"5@.@>? E0@U9-2%5-/WW*,HFS_FRW6Z/%R#3//E81(WAJ;QN42N M83ZZW>G%&'[G54.6ZJKC=Q:YMQ_>PY&DDTEH96-7HSEZ00QIU"=_7^<.1^-
.L6C$P;LLF4*)Z]]YZ,]"M""=>J@ M<]X,##B((SZE0*WVZ>)&(]JEPR)=1Q)H;;27$M&4@HB#EV&KX$&6RMF;EF&6>UICKW0O&Q-V0T;#+H3[/33-(5>MAP4I)RB3TFPRB?_
M<+63"PK"MI0H8$"*>Q0"9(]T7+@]B#D3F;.&;HXZD9*EQ@36#:BT<74D,FRL MM@G1:IWM AXYN%0=&^^2 M-N0;JNL*5:UT(?;6[3]Q.R)D6,?GM+.[# >P]PYLW)])*OLT6Y0:6S>[FT.+
MSR]U9B1E.'74"J(X-N&F/GT1G=#KS(E-I-S)#V.R301T : 4KC/1]Q?A$8N;Z&8MP0K.KW]ON7;5#9<[=!> M0<1"1I87V$)PK!'0^89-OLR^&8PN=1 M%U"1DXE7XB9C4[K;N)YVQG<;3?_XV#?
U3Z9R7PK#'G+3M97&*9>2LXMPB30; M4E-)=.7'$'"Z+HSNA#9KI]$R+GA0=AQ))B5O.O+7LF.4YAVX+],/R4,& T_3 M*P1;I2^[-S(JW00(9N14>-_@+F(]X,X7P]YRQ=4-_)%>JB]^S=W(&#G$F_=J
MI%G4O^$._T!"LK25^2^>O0+L6#)Z)TK>7R1 M1=>?RD?R6"BSQ%F4.3N0A8CJZ M>-MTM5D+JHTS42WAD#9>MYJ&.FEPZV+);F 5N\"2(7R1K6^%VH$KR!2&B05_ M!K0MJ:).R0UXDX%!,&
(QO2-\#.%HY,RN._E>K25>_6<&AHOR0K/=O&,2Y$__MD_!QHT_SI:KQ:$WJLQ)+>:[QX =:XN]JJ*]JNQI'KUB)O[9::M(MXSTR4E7^ MD1>YVR[)'%>WL@1+)FVM\U_DOTL .N$:-
%']$KKPU70TP"4W9PYO:,JS(*\; M,[")#'QU_ O.><)E-"[Y\>V?3@$:>D.XR/4ISXD)P,/6J\ ][>V]Q+4 +!:$ M*A-1I5Z_D)^M8)6BR(A[#;IW+E5=ZF?YK2-?7%[JQ(]%"8Y$ZKCKR$]-N9$L
M+4S.#3JX6S)MO;[QM,4/=_1TU-F1=8O:LA-&:UK[!151CX1+VA0D9!U[)5.E MC%P'7")[4GMD7U76MC;MS=V@4^D1)G57L44H4L:?&?H$;_;1":[&WF!@^R #
MR'C0$=;NSE)D$^(B6KFOV+==QPH'PVTLZ5B@PBS2A\%TV57'/>O$*[=SDIZ3 MP1>VRGA_%G.\Q"DB-.00D9GB(;9XXW>\|*-7S8S,YM^XLI9;*/BE+QKJNT@?C1]JC/E+?!XR%XO/U5QW#$2
MRMTDDK+42R.A7(/7O)]_T8D-VH_N&>AE=DW!V*GJ8U](5(9C8F/TJV:# D0% MI+U4>(K4FD\>BD^@Z>=?G_X>"I:P52':I.D\C#*$.AG,//2?#WY091QLY#>1 MY/B';?AS17M^>6,P47UN7#
MX.%WI A-'/T)A&D.D(-@F8&TI]V_2\9J']2.@V>J^8\:5*.12.A6G(,Z M."J#C"XSI[2/Z^(L<74F<.]SRT&KF/QG-^_)2ZG)Y&7.<8LYW;F7-#.;;DA7 MG.4WI_:\AKB43?S9/=;2K"V?)X)2%MMRTN1+#9^
?8'H1[T6T:\5XZ;TG7Y M .KG\3J_W_,UB)-)>S]2LB].K7%D+>LP*:MZS2/8*&#J[_7IS?J<++YB>2>J M=W#W? M.?;KE/>RWR>E='+)O\+JI4TO/U4:/RW"#[V>R^^;IL?E5V)?\JU-).@+>O5T
M]LVCB4P:A#]ZN^%?.YW;GM(B_B=^!-(X// (P9\0@OZ!#>+/WS[Y/U!+ P04 M " "B-4Q:PP'4IGT& !:$0 &0 'AL+W=O5X;=T77Q(%<5UIXT^R,H3ZQ63B\Y(J MZ<>V)H,O2^LJ&;!TJXFO'AS?
O7>GQ[8)6AEZ[X1O MJDJZFW/2=GV2[67=BP]J509^,3D]KN6*YA0^U>\=5I/>2J$J,EY9(QPM3[*S MO1?G!RP?!?Y4M/:#9\&1+*S]PHO+XB2;,B#2E >V(/"OBBY(:S8$&%];FUGO MDA6'SYWU-
S%VQ+*0GBZL_JR*4)YDSS-1T%(V.GRPZ]^IC>>0[>56^_A7K)/L MT4$F\L8'6[7*0% ID_[+ZS8/ X7GTWL49JW"+.).CB+*5S+(TV-GU*Q-*SQ M0PPU:@.<,ER4>7#XJ] 73C]03B:
(LSRWC0G*K,1[9PV>!'AAV4G> M6CQ/%F?W6-R;B;?6A-*+UZ:@8MO !/!ZC+,.X_GL08NO*!^+_;V1F$UG!P_8 MV^]CWH_V]N^Q-PAV'J0II"N\^%07,I# 4ER4TJQ(*+.=%F5R56L2?YTM?'!H
MI[]W)2>Y/MCMFBGVPMV(LY_ MB 8>_?)\MC=[^8%JZZ+Y"ULA0R73_XI:\5;H]35&DB?Q2GFY6CE:R4AP+'-M M?8.\BL?S9A%LK7(QFTV?'DR?B+'X6"HOZB%J3)6OC6+Y8F,*2(O>DK!+]$&$
MZCNH@I)_+S 31=TL--PL&H_4>2\@H((BS_XHQCQTTIE%;P6Y:+1T(@U6=E1L MQX,W#M/K2FYY(E7 MK'$G'FE2YFZZR/Q]@6T,HYRT7%*-5Z-M2V^KW\T%I\Q+U#,O'$NL03%THV,9B+T"E1'
M)($[3P)\$2NS5EJ+4@(T5[EQ78<,&P_Y-Z-ZG_"W?R^C]I].?^L9]5%><_]_ MC,U_A,Y_(2[!)*9FS"I*MI'K]'J7FB VVY0S8QP&\M53&*'W?R?B/$E/JG<;&F,
[3@0P".TL"QOIR>J5"L"1\J1B&RV0T;K6*LT@R0%R6:-K M')14.UPQ! MMW'FDS_@FV%@[9"+M"8MEF5G?WM),H%#NO"*W06&,F[36NBW^C&8M[R];YV
MWK7',=!O+1:EH*=ZA4=)01;NJ>!UX*[\@ZL?9 MQ;M7;[,G;9[:0='N4B3SLLT+7E8D>U M$#@#>P1(L!^= LZ-B19<>-$&EF@ M<;UFFDRPG;;J;MP7"M3#3I!3/X$Z#4=79)HT@NXD0FJ^3MUT
)AEM[!LYFC1 MM<:P@HRP:Y..Z7?G&797G1#4UJONB!'3C"S&#R7.F_V+QL?YLYW G8->:F\9 MI%TG+)5U3%JDT!IZ(/5J>'("AIU4^K^3<'^+?)U6 MVUL_== X2"GC ZTT[5#E%K^+67I.4J_?
77F^-T<9:!.O+P <_%9K@$@M,;;(MV/?>]Q#54;]TZ]^T#_;;1*P#W_;W2IS(HQ8;+TSA)*==V?D;AY>FG3X11!9 M.L U+A*(V@\,WV\ZUHT&=QW*W*K>*O'1LIT35??_FW_P\%9NB]OQ-.O#F^E
M0_6\T+2$ZG1\=)@)EV[R:8%;1+P]+VS 73P^EF K.18X9-B(KUVP@_[GE---M 5!+ P04 " "B-4Q:)4:A=WY?59[-3JA9? M]GEA7ESLZOKP]/K:I#NUEV98'E2!-YNRVLL:M]7VVAPJ)3/NM,^OD]%H?
KV7 MNKAX^9R??:A>/B^;.M>%^E)T^SWLGIXI?+R_L7%^,(_^*BWNYH>7+]\?I!; M=:OJ7PX?*MQ=AU$RO5>%T64A*K5Y<7$S?OIJ2NVYP5^UNC?1M2!.UF7YF6[> M9B\N1D20RE5:TP@2?

W?JM[%Q?)"9&HCF[S^6-[_63E^9C1>6N:&?\6];3M=7(BT,76Y=YU!P5X7]E]^ M<7*(.BQ'9SHDKD/"=-N)F,HWLI8OGU?EO:BH-4:C"V:5>X,X79!2;NL*;S7Z MU2_JCM5-
$I\5&FY+31)ZOEUC8'I]77J!GEE!TG.##).Q+NRJ'=&_%AD*NL. M< V* EF))^M5\NB(;U0Z%)/Q0"2C9/K(>)/ YH3'FWR%S4U5[L5KT%K!'"#J M>B=>LY!5)?[]9FWX^7_T2<"./^T?
GUSGJ3G(5+VX@&\85=VIBY=__,X/GKV M"/730/WTL=&_A?H^DA\=M)_D(PWI1F*VP9BD46M99X_"/R(\46J?ZH%51&]^_J76NZP=!4^M4 MB3UA$#6%4VEKBM14.C=0U4#<[W2NN
U0J9*U+K8B+?<'63PX"@PF8G:*6D@X M_;92:D\W]4[6/(7IG\-)E>=(=R(%PM7@314 OE3)->:MR,/!;I&)E MSD9_41F:/S#M2H*B/7D8N-O**LN583$V!L Y%!]L.^(]50"YS ZHOJ2*KY6X
MDSGL!SVV$ATKP:A8@13('UPWK-M,Y>A]^IXI@(U8DCG7C)=A*9B@^*;&3=Q@BPPN] MT1B!% 5[XA!'5$7:=8:0B89-.C9S861.UF_$^(HYA"7NRXQD=%G(NJEDWB-N
M;V"Z2/,F0_^M*MB4*421V"1\$NVN^"ZY\EIY&(J_["#U,(MVG@>A6MEO%D_!'$98?0> 4P6JFQ,#NIR1'9R*W0WH,IL9.J]Y#$Q ME7/D4%A'=(" 4/Q!OK$$Y*@K)_<:R ,BX_MU8-
$:#\X2P()(]=[M7=L9:#P'+:3^WX!4=; B[R:E('L=0?&3D<@9&('.G#4N(3"+[%9(4\&7$@ZVE;),W! %6BN!STZC=*FJ@@?*V+81QU,Q\9(PUAS"X&J M4KELK8-]"6RXAE"T K>%-
GO+@1.@Q;B/:MN@.A_K8G#E0I5Z0CY@U7%LCH]+KIK8I?&0>75@"L22 3&H\ M(+DZ(+@(<9EQMA7&7J(C39<3C;IEC^(H)0.$1)>1414E87TJ'26_-;KBO,!<
M#3J!I:4KY!$FLCZ2+I%/H:/.K03('F,\>UL$F&@5%(>, 2,I@606RP=FMBX1 MXNDE%AG-?JVE>']PP<$:S,]O/]R^?A_-6IK;8'B,:<@1!*;&L$%=4(PA%UO MB?
**_O<^"XNCE+39B3UV0?)R!8_)[ZV7UPT'Q?+:K M!R8VK$.)="D$/\BPHO!]3!O'18A'N9A$09LT#5P"OYPUD,*]ZTLR2%T2V?QB
M0)F)*CBN.:LFT"2#B,U[*'YBFDO3L7J7GB%7+GI&OO>9$M[9N,*Y(@9"[L&7 MG-$5%,+VA!6$U,24WELMD3U(A)7FI4'B8BRY:PISL EI&(+6 MRF(=O*APJS?.&ET0*:F^LB
M:T@+,@)'\M3W.UT.@!I%81[R.\1;.1!_U=56\]6_8+0F_?Q@4?D=S_^DED^ MSH)?'Q<>-WP2&ECA1*Z"Y*L"LLJT+.3?Q OL@ :)5LJP7I"&!+2VF9M;Q!#J M('#"M0YYR/=Y+9VFZN
6460)OQ2KC@:I>6E$PW-3%HT2\%3% KMT3W:XL0HD'O'G$K#H-A1)HO+(ADCJA36%3S M#=K8Y6)'BV/F/N1 Q$1(9N- 3DV]4,*H+64 MY#7
M2RR/*ZT@34)U%H1O.'#1BG28J3W'*!(BKJ0-I(*W$9A%1ZI+Z'RV;$P).R(U M!I?7M,[8>V>G67:N?Y8+]87UDPM:Y95DTS!])R0LSS,KL;!I>J<%@:Q<: M'3DV#BE:7^I<5CF;ZD_?
GQ-A%$@Y)2U'8W3X:#DD).#:BM'Z(& ,K,KA$,N M"96VI!=@8P6(K6@14V$M]XGV QA9*_@3G-8O*CB[[;78%J[WJF:VP0]BBS8[M#NO=W#_> NE&Q<>\P6<>[-XA!>NL$-
X6P!U>0=/R+AD]LPCC5XQ3^O'=&J+1M,#'E;80/=EGE$AK:<7';=CV\AX0GQ&^_7]-F0!:R M.4#3FH\4ZQ=V+2U9-PLYR0AX%\)AO.O3\0=6;%C<;0CJVX7+5P7]5/P;L,SN
M68LWH'R_QL1^UUE=4;1$\#TNNR0H0DPR8Y6?7]I:SA82=IR<SR7@XQ3^O\)-GN$H&D_ELF&#P$)1FR]%P(L:K%1[[AHO% M:CBCD.9#U7@ZQ6L\'84V23+!H_=M-C]-
AO/PUO_SPT^[$JI#QB[&T23^GYZ] M0\(#1=B](W$YOA+)G*B:@?XPU'BXH"WDFH5 O,R3)?.W3&8@+.9S,IC.)G@7 M,K0_=;?&/O
FQ!NW'W8DP':8^70U7/4\B<3G7\V3442KO8L$&)B G,='=ZUX M_//)$LQW;CXT@)!4W#184U04K?W;930<79]*,LAY OEU;B)AMAS"?!+2?M\S M:W\G._OB,KD*ZL#_;
(JVOO=LD"P3R*R;XHC+R9583&&FJSD:C]!@O$A@"7:* M]V&3*G0@A2]&9'-\-1NSRD>LGQG4/0/SQ&Z[_]ONN?1FY)7JY"9YNPU1%9P# MF!W>@81X,P>V0PW%1JG.7G,
[UZDGGYW)8Q?P!B!+^Y%6RPA*4E?&!0<*?S7U M0_#,,2D).Z@@0+&C! LU7A%K7L)W\8Y.8+XYX1]VT%9W?YAH^%B,EW#Q')@GU\/CF&SF0PG2=X%X>(U1)NEDQC
M^%].%W@6AX@)O5XN.B%BCKLH1,Q'/2&"'\8AXK0)/3L%M@DA_)@P).#I$O 0 M4 U(-">46"UG49O)8#Z=X_YO" T!TI83\-Z]ZPD)LT4,SO:N+R0 !L='=STA
M(8D$RS=G0\)X',$OWYP/"LDXBEI\$\071@#LCJ/)_?UCP>"'('R^6LXY'VF- M;#:8P'Z6O4&!@@6+=(0&X]D"NG*$PF' 1PM1@AJOW '6F.V8CRA_]E02&, M-#C!_L%IQ."U3KN-
_W\M.F3?*3SP/-\7\I/O#?FK\9*3I_EJ?)3>P4-'*WA. MA&%S3L:2^2*"AQ40?MZ%_!E&6LXB^,)2$VTBR!^OD@@K X;PTQ;EDFB(,%1O M-HNXA77!*!IST@%]XF8UM9R.!R.DHMT$?
CH8(8D<_[TK@QD8F/8\Z0T#,7K: MNYXP,.L$Q]E15(SR]EGWYGP8B(4Z[I>F?WV),'IZ>V9]L&"U]SW[6DCPB@%4 MKT;'\L,82[*=TY! :Y45Q?
Q)2;C<1*BSYF0L,+JP(:$)4(/FT+"),\&RQD) M]A\?$]1__S*!3DD^\UEK&+M_B4"Z_O\X\#\I#O3S?0KEO?30#A17@MB#X%M? MB7(3*M+XP)9'17/:8"V+PM6JAIUBAA&
[*RW>@2Z9[AH0!Z*\@MOR,W%C-^$, MG>2%7;CP,#Z<+-PA_GJA%">Q$?2KN2"6&X*?V.ET]F/"QON3G+A*$HZU@X MZ9&-<_%&=UPNR^NAO5T9TNEO=5HE&"IC;+W3P;?
H*4IB:^!J0!K2BEE7<%13 MB_0AS94_6@C%%]287V?2GQ:XPKQ+=YHK;"TUC7@U%#_9?751R\^JL)KV]0[6 M$;AX39E:[RTB!O&&R@QW6AX=.'*)VR
2HCTO(NTX;X/:A=';@DL>Z'RL%=3Q MX3Y5D+5E$D9)PPYQ7!/$1_=4JU59<8 @92FV70:1%[!8?R[O;.;D1?=.5NDN M),/>+;U>W>$MGSG:LCH"YY*HB_B
/7&=A#V]8,$;N]%,5>J^WH%.8>G:GZ_S M(4)K<=&4[HCD@1(^U;\-/' 0'Q4\UGYCV^YKNY+"C.K#8F+]$;G#$SZZ;VN$ M1-:*TAZ<]!R^\+D$^4XX_:#2@.XDQM8!E6M;=EJ)39-
ON"3%']$/CY/61P!C M(%Y9^[OD&E-7&/RU/L%YCWIY4)&L@]/]$V1VBQ6G%),)+1D?;S\5LX32UNF(M%N6_N,K 3EF1(Z-3.,5F0G5%=-+GW%H:;0\!U9<#FSY7>)Q4.A^?;W20B"L5
M^5_=P97!]:M(637(8K$.T^PP1J7W%X(,O07'S2GG#:NBA[UAE5\MHO)Z@PL:E, M8XL0<_]9!1'-@-AF*K9"HCV^CN$F-Z4E[7<5HD5TQG1\[+N15)!2V_*3]DAP M+:FP;>W-G\
(E^64L,@>*MM@VU =LFLH>?-(M5RQM C/V1'THWM94#H,+C,C%;,Q-,\M1TN&#FN.#V;(GI#=D9/R:#>&U5_*\E<(;@ M$$DNI4"<;E+$8Q-7OB);Y-QN\-CAGB)3 CVBN"5<@4G
M^(Z*]+@482"VBHX_#SL FB]G1Z>]\65WUD3V,JW*)W0^6.YI+QTS@),?>RFW MDO7GLR0[1GL)1\^X'E#602TFCINMU1H62D4G[1Q(;05.5&3CJ>-H2%;)__- M(=0E/0Q!-
(0.?"NPU&''YA=4W.#R JH4+3X MK8%(-%G'1A,77-MH^]@ZF$W>5H=1@-%%8\^>@\G).PDK(1G%14M0-%H4G&10 M/#0FPA%?
S,)QVNJ"9G.U!9%96LCV,UE9WE,QCUWK4(FAK^MKGS-8\2[]42'65-GOR]I0GI 3MGD*]/9N_E[8P7493M=L'&+ZG5NB?:(JH M8@>.,."O4SINW.^GG4\=?,(2I&D1E\7"T
KDUW4H[^BPXAVCH<\%N";$YH)W M7(UT=O;'3;1/!7[$0WEHK+5P NGKCU55$8EL9#*[HT4G69+-?*@L\D R*F< MER5](T1YM#5";R(!+=K>0$;WM8PM#^32*U9_7*AYAE7^8.)
()T? 8X'2&45& MZ[C,5?8U10@CN3K%5@L$]Q75AA7D>92A5^B!26!1F<_,'YW]3%)$,CE)K1Y+ M6UT]QM-_\%YF-
WD[*N*DW9R1W=2QNSQVNS^A'<77O@+2EM9&'RPD\^&BNR4V M6:+?)RKLL0!GP0X6O44F8>I(@)?3R7!U)2XQWPA_F ^_L]EP<<65K@X/R9-/ M"VFNAPO0-37,M4?
Q(H9'$^.MC(3VA?[?H*?6(F/[6[:J!7\ MY''!4_E"YTAJLOIVP:^&"0D^&4ZCW#C_+XH^&8'B470,F-#-UQ<59RVM M[UO,Z^CC67CLEC\1IMT#4&:_HPU/A?*^<9^?-
LVMY\P8XF[A3!$KC;H.AHN M9A?VHT%_4Y<'_A1W7=: ![[$,AIY"C68T;9<6?L;FB!\F_WR/P%02P,$% M @ HC5,6N.K4:#D!@ !! !D !X;"]W;W)K&ULE5=K;]O(%?
TK%]ITFP!>2J(>ZV9M [:315T@CA&GSH>B'T;DE31=;(,GX[. MI^\OYB(?!>XT[_S@F222E;5_R(^K\G0T$4!<<1'$@L*?>[[DJA)#@/%G9W/4 MNQ3%X?/>^N\Q=L2R4IXO;?5-EV%
[.CH>4_R,% XGKR@D'<*><2='$64'U109R?.[LB)-*S) M0PPU:@.<-E*4V^#P5D,OG-TH]6J8KHR@1W[0!]-T$&S/QD'V!>I<='9NDBV M\A=L37/Z9$W8>M@HN3PT,
:P'EV^1W>1OVKQ Q<9S:9'E$_R^2OV9GVTLVAO M]G]'2_\Z7_G@T"3_?B[P9';^O%D9G/>^406?CC 9GMT]C\Y^_FFZG/SV"NAY M#WK^FO6S:VL*I-79"F\VC]
_:%]4UK>.GT/\NLV7$Y'1.=U=?23M21EB.7T@ M;6BWU<66PI9I"$;OU2%>,I[1HEQ"S-EVLZ6:E?%DH>5P!GL*O?L?Z\3FO0U# M"QE]X;6(6;JV@0E%'UVK@.C(KNESPT[)&
NJDFX3AJT+90*=%X5M M331[8RM=2%U_H=N,7DCAT8A :X"0R$U80OZU#F316VK$TD,4E.B1&^3H^NKF M]O*S1"UGM3)J([(UURO$(!!M1 PE8
P[B['&X3_N_!%]L9YW*G1R5Z;44*=+ M9[UW%K1*WR!ZU"5\J^Z1BPDFZUL4GZ5'JYJ:"'2H4>@\I/0)+^H8CSU4/
M0Y"J\C;F_G_C]+92+@%]!MIM?"MZ'UJ#8EPX76[010=PU3/8Q#PNBGT8^7*! MQQ\!?^-DX*"35) <>Q9,I-P/%>C**MU7:!\;)*J(H!^T!MHJ6>&NS_^*4F^L M),,>]A;#I*UU(=A
[7#U%>W+J#\CR@XA9(JJ+?< #]NA<3IVYXH-P[V69[&\ MUT2*=8GDE*A+A<9"OW$_?9]B:;SDBQ4R^I@A) "M&MWN';[=;>T+3?@NNE04 MU"?B/ULI0:-
<,.PR^JB<@21*+&]5"$ZOVL I_D+Y+:UQ6:=L Z(M(EBD<(51 MWOL66?'[U('0Q3V"CM/#KD!PN-\]K1Y(+&ULEP][SVFF*KV.4QZ3EVSXK6ZR MH:N8C&=\Q0:(\#OHJ=*'>I79C[<@
8] Q:"=-#&B.046F M#QJE$"TGJ*2.Y$,4CVAPB;2]BGQT3X$D19%VT2: K=,?CV!:IKCN-3DY,\A:9KC5N!OAY1U@Y$CG*VG'PXQHK\HV31 C5 MWE1"*^+A(\ VV%,#O<&M-
M<_*N@[1<9!-:SK(E?;4!:>J. MWT[?O9S,Z%UWI3.0J^G\L.<1$8K& M[.^Q)I@REOH/9>83^/CYI^-\FO_6X1EZZD AED4.0?S-YT"/8Z'$/?0]4TG
DWK,!S\@YD*ERQMN>*P8TYD=Z@AD$ LB7>D M5HSREST'OYEFLX&PGI[AQ$8"&K M+O;J[H&PO M=V]R:W-H965T7^]8/B22+?'PS\V8XU,W. MV.\N4;M;&9]'BTF[XKK)
(Q3\K2_F@P MF/4SJ?/.W0W_]F3O;DSI4YVK)RM?NC?W11R MHY;*?RN>+)[Z#4]L,Y4[;7)AU?JVLQC.[R= MJXZ(U5J6]?]B=O]0E3U3PHM,ZOB_V(6QXT%'1*7S)JLF@T&F\W"5SY4?
6A.N MWIHPJB:,F'=8B%E^E%[>W5BS$Y9& XUNV%2>#7(ZIZ LO<5;C7G^[E':7.<; M)YZ4%XR6DX2I2Y*V2D M;CO(!*?L5G7N?OQA.!M\.$-VTI"=G$-
_9TC.8IQF^#51(I)I5*:2,L()LR9% MZTC(/!:Q3DNO8O'XM!3D(-)Z+) X'M-VK&X\RZVR2%:1E]D*](#@B"%C12;+ M,!Z:C;XS9&&\RKV6Z?$KU
;G\1Y&BKBT=*$U"F6UB7OB8XN(SJ.TC %/_!@ M%0J"!Z!:KY'7O"R]VDK,+9U(3;ZY\,IF-)C6WBI:&R7,L(35=BH%XRQDDZ)L$L@%Q;ZN\F', M['$SZO*V$$+\FVM6T M
T,G@CV\)4G/HU=JHW/FUI MC/5,EH&Z M&EP=C,:(P&%#'MPC\"GE66ECH9 M,HY(< >3;[102>%(9B\F!W61#(F*"(@_QBV%>L *;+>W$!V"%*C?(!>F-K4FU2U!+=SVQ(#L0,QHK
MX_]A6V3TG72O<5\(MHU)::9S.%PY+]0S5046?&EMF/\BO7(5%"B?NUB'0A77 M-K[V=T_\"E_%IJ!1B^4WPAA<#&84MU]D7J+EJ<(&Y%VBV8V0*"V-R@70K9KDLT3(J/8L4L6V?
O*#UF$!6!+NJ^2+<#) ML >T\H^B?QA.9DGTEE&DG%N7*;O+?E?TND?$3L-6IJ&@VU?@N:&D#3&7(J!5 MCO)6;S;(*^:LGBO+V.M_H,$21%+BF82"<+
K$(SVR,$XI""8&>P'<6L_.E%2 M0XS*_+3M!Y"7RY#.<]-XX ^3M-ZD]DK:]VQ.]?BWG<$I@_HI\]:FX7?F(DJ1 M"W7I#9U%4;(UJFZ.H,]*NG7>KE0D2T?
E)E2Q0B+&D2XD3W0*::X]*;:RC4XT M!)Z;_&*+B@!.5!@07[H-E;$,RH1BH0 :B$EKI3T71DL]$8DCUEL=4WVD?-ZB ME\BI_)+]
(<\)G3A@.T$W%NN(*PG"HJ#&*AT+6$SI2,D.782@OG#=">//^*V2 M)6_\AI3F8=NJ#-Q#&7-GO-2(N55Z\Q8JRZ-J=^H^B"L5NIU:5 U&2T=H\$*5 MJ2JA8KU#B.T>HL7#8#X)"2*I-
BUN+9OJPH%Z55$3DR)EW(_7(V&EQ_:5@(M JA#%GK!VK$?B"R0C57,C)."RD"#"[_505%5/C>MXHL],0]-]>TBU0A:(G6 M5:(&YFH?Z)#AK<%R*W5:!ZO>KVER91O-;_?
F%^_NS=_9@+^'^_;$*2VY'>=" MF::M)O$T@6Z]BZIG&DBW>SYS'-KG+Q1>&O896&+6%9VP5W0[G%XP,0=?4GBA%MD2>/0'/Q;X@B'&B/J]Q?H9Y,IRF= MH+J4#JKP+?
_(S*#$N[_QT344)A*Z^%QGT5Q\AE]_#GY=M&/\$%RT;,?X+^)R M?-V[Q'4V&_+U3H$VL=# MB9D#+Z1".VWYKBR;326\D)L,9(">#2_QOS'A]UF&8^;%5)]KVVM#1=>]* MC ? /S_C5?
M6 PQZUV*,ZWHM>,VFOE%^DA:'/2=2M<94>';:"5U_>!-P=_;5L9[D_%MHB3< M3 .F5+N@J>J!%F@^OM[]#E!+ P04 " "B-4Q:O40XC6$+ #R) &0 M
'AL+W=OK,O5]^>W3DLKE:2)>:I2KQ9&KL0GI\M;,CM[1* MYKQI41SUN]WCHX749>?L)?]V:\]>FLH7NE2W5KAJL9#VX4(59OVJT^O4/[S7 ML[FG'X[.7B[E3-
TI_]/RUN+;44,EUPM5.FU*8=7T5>>\]^W%D-;S@I^U6KO6 M9T&:3(SY1%]N\E>=+@FD"I5YHB#QWTI=JJ(@0A#C:NSS9]>?*^T?7AYYT*)?CK*X[R+LZS^QK]<7;TSIYTY^X^]T!
8>-@,-#U ^8_O"^[TV1*^N$F0HW MEY"+/IG*BLPL%@ Z,)-]$G@@5.FU+U0NO$$ 90KX%[E>Z5R5N1/KN2H3(1W^ ME;G04X Y*[M%Y,'X>=*7!AI:0L,NGF+0DH*L7G2EJO+
(@BNK032_E A.FAL4).B#]1 M[7<]]DKF\EI-++8]).*-Q)_S:H9(837>FI5:3)1-Q4<%$:!PIJQ'@ODT"0@/$$*4OIC+O#!
MLM"RS!0"&0*#DE,;MJEXKZ9ARUMP%:>)Z/QHRMDW'Y1=B"N(F'0$4JU8&)A+ MER'K(GVEXIS]C"AA_9I(27990-QE2R5%P&0))?=O=S-J;X)&6#'O@[X+7X
MT">VN7*9U1/LF5862B#_TB$"4WQX(VZMF5FY2,5-V< A$EHS\A4Q@U>,X,PL
MG%I**V%S%1)#KLD\DRH<#C.K%,X:F&]965?!D&2*]5QGL\:ZRI%8VKE*T1Y]C]_*BOVRR1=PNP0;G=7^=LISG@" M28HY2L;0[MF"[-
D"&G0"=*27H^+)";&6A;F)#D9G23C4:]F/+5F 0Z:Z"'J MM7*U_/Y15@ZIC@!N336;"PWOR.E4([[8)#/6GY59LX_IQY6R>!"U(X_T1^G) MJ5@2-1(B%>]*<:>6/H"U=Q+
2L:NK0!;LCQ1Z(UWGM"7(/RB-QZGX]KQ"5<* M>4AP)4JK;7%.VN(#DAB?W,D]+K)8-Q-NMWNGPJ%T_3TY&DH]+X0%/J 0N\Y M4#A-3\8[4-B(\S<'1#(K76-E'8CU+@U,
(UXAQ565WFW85BYZJR5")2;<*(DLX!8\)T,'OPPCGMKUZJ9K>HHRLY9,:;'D G'CDA[3VTA) M(3[2\6#D.*!S?=&(G1J^PWW[==_AOGV)3A@OOYHQWXDX+,Y[9OP$*_N5GH7
M(1D_[JG7AA(B,273;JBU?9$I#E,J^[/,5MRBMN+^@$&2UIJ#KB-C'-"5/8MN MK$#+"+6BG[9ZL6A-2^FMX3=OC0PJ^/L9+OP52=!>+71):94/*IPX_ZW*,&BK
M^]XM*S*N,NJ7Z8AZT1NVO+#;&V[Y4BUTA2,NDT56%2&-.Z:>ZREV*>JT)\JO M>=(PIQ&#M0]DB94L-BYJDR%'U MP;6&_!M3N(#=*IB.%],< 8^4M"7T0
H(*8(/%&V=KR2]P!$YP#B+;;XZGF_?G@D<69:FV7*==VV"2YQY<(N3;,R9L MYL2EF95R#=ZF4MO: 7_,TG4RBGT2):LF4>%@9S1=*E0&4YU%QU[3#*>4M4&I M[CC'N
^$YEY!++"'R M4W6UHGX'/XI9G-.>HA1U!64U"!#KJYV=5\KI65#0!4%C6B=I?M78?X3@8R?8 M>8"PJPJ?Q$%=NX+;#)D0RRMM*H=2)
(\,0P3\JKB_F^)3*10>K6P9%LGD/#P(9FN1G/FA:3PL:(M9![QDR:VN/TN$]]W'Z5\5R-?F>,'HC,_6KP.<%Y".V[MEGT.VG=AM'L;@##H7-?'_BT>W+&DX49 YKDF&1&UK7L!0;-GRZ4?
(=];)?VB M!>AV0#&97!<\)[B^O>, >Y=YPXUM+_E+G*S\Y/_JF'TFJE/XN.1@0:M!_KKA M.PK4W-Y=O@NG)4J]V-73O*0D/<,M M&-U+J0A>%&=\$\?2Q"L0%^Y*N"Y$*R%+>-
\:YZR1:'T^ZC)/Q'OCU!HBVN2Q M-7<&G2I+<565H'=A=0[E2(BN/,$TMR3EXOO]LUZC37E88Q\DF6"OZ MY8TND9 A;H/I#U:6+IXO?
+T<4K04O7$Z_D>MG6Z%0"1%M]N<_VYNQ(_7I): M%S>WL<4(F31T_'6%TW9%F#"DO6,QV73X!*YT2Z#,.!^ E]H1P/TE'S2SRA8A?7ZM" -VW0O(5N?,^FN\ZBRJ=#*6JAQ =YK\A#
MX1J;'H[Q\!U??-)-JO;A@I*> P\>#-#]4@;Z1ES#A;SP34AN(!.3&E%R=<;: M@M%K9%/LAPDYWP;BC\$C@!!(]AL;IH^] ''4>@]EH>R,W[:A8,$1&EY):7YM
M7N@Y#^^Q;):'MX%0&,YT22\<3+&UFYZ,.F&F47_Q9LEOM2]H*[BCW,E4:70 M@A'A'(K'+\2@>&ULE5C;Y#=>#+,;RW7@E4-A7Y>#:9 M+,:%-
G9PO0I546B_NZ/<;:\'T\%^X*M99Y$'QC=7I5[3 M$\5?RT>/MW$K)34%V6"<59Y6UX/;Z;N["UXO"WXSM V]9\66+)W[SB^?TNO! MA!6BG)+
($C3^;>B>\IP%08T_&IF#]DC>V'_>2_\HML.6I0YT[_+?31JSZ\&; M@4III:L\?G7;7ZBQ9\[R$I<'^:NV]=K9Y4 E58BN:#9#@\+8^K]^;G#H;7@S M>67#K-
DP$[WK@T3+]SKJFROOMLKS:DCC!S%5=D,Y8]DI3]%CUF!?O'G*G(_M?R-?J#OGL=G8=;@:1XCF!>.D$7-7BYF](F8Z4Y^=C5E0'VQ*Z:& ,<2VBLWV MBMW-
3DI\3\E(G4^':C:979R0=]X:>B[RSO_:T/>TC.H_M\L0/8+BO\>LK65= M')?%B?(NE#JAZP$R(9#?T.#FG_^8+B;_.J'I1:OIQ2GI?]\EI\7\3FI-EKR. MI(*(C"QRV8I4*^*Y2J/Y-JX?
(,QE7A*350KG9CK?VNA@BGQ)7V1BP.R&STC-7"U-G@M+XBS #KU+;P)@QPJM MPLZF)N'#\+K4]CL.NXU(I(2*):S:YZELQ\/Y4&T)!Z;*.N 00\0$Z]2+/B"/ MG3'#::O6=?
<=7H^"UV.M[HGC7H[B[%/(BU9'8*A*CH4))4 MDASJ/ECUD9:^0CE3;VN=Q'+$"BHDP]?$2N\LR;H#J3\<+"';>IXM)A>C!7B_
MK\]PLIB.)NT@!\I+6_N0;TW,H!-7)TI_UAM$SYHU1)11B(I#2*+M8G1Y_I,< M,1\MYGB2T5,N/L3B=L\'7SL^^+;G@\:-@3V<5\72:!;^D!DW5%\^/3[=/]1A
MWI]])&O#+M]HBW=BJCC(ZOTAH:,4M05!T'+'J.\Z,L*;\4TQQ>L1X@KL H2B M3P&@1ZZLC$5",J#&AFABQ2T$5F7>5>L,@-O@Q20Q*0^2IREW@[5*Q.P:B@Z*T MCUD)_V-
%C@%JQKDL@9.1*H&2BD_H$1S.06O(*=@8 !EN;4ULLO9X47;UVOM^ MA-WI7,K#$[=Y3+W'4W,H.]$7/88Z;E/O3-90L_(,?VJ!0ERHDSK#_E_606LN,G>D MD1Z2&ZC0E6U
@;X&FO%&'X$"+#()4H+]R_!:Y+F6Q\\79 M;'39O8FO9MV\J+9W?7C-]W5+L(^ V:T:G2Y&Z FY"K$HJ&[8 ZP,[F)R MV6Q:Q#Y-M9;OD7NY(-%6X*67Y*PQS-0O=8G;7JEH3GUQZ,8XI
>?]CSYX1E7 M]0"B_D)Q.*A=EZ;"-U+(ZBN\L(\]X8O&BW(!:7KKVQX_'FG$NG;OC#N3Y8'+ M%O-)OUOI=28-_QZ]'-1!\V.7LAA=3.LN98$.ZJ]KPWHI];R386O#"")^L-#.]I^MKFM
MOU9TR^MO/I^U7Z/!PL$K;)V,+N<#Y>OO*/5+=*5\NUBZB.9-'C/2"!M>,.<8 M1QHT+WQ ^S'KYG]02P,$% @ HC5,6L8'PD" # @2@ !D !X;"]W
M;W)K&UL[5K[;]M&$OY7%FIR4*OGX\FH_;"3^IFZ>C" MV8MGJ_1&7DOWR^J#P=E9)R57I:RLTI4P+M"[<3WK]O6SL24A>I@O+_\7:TR;A2&2U=;ILF*%!J2K_ MF]XU?
A@P7!QBB!J&B/7V"[&6WZ8N??',Z+4P1 UI=,"F,C>44Q4%Y=H9W%7@ M10]*_%9F@9A.QB(*H_@!>=/.PBG+FS[*PK&XJHV1E1-IE8MWNLJ: MTW^\G%MGD"3_W.<$OT2\?
PDJG*=VE6;R^0B58:6YE:,77W\U.0^_><" N#,@ M?DCZ(T+T,/_[VHB"9#B2D4.&2*W0"XC+9#F7IO,V^P0'4Z$LT2QT@:*U3\6/ MV^QNLY+B;>IJH]SFH+#?
N")D+M);:5#@0E40(:T3)G52'!^=B/>ULPZ+JNH& MM56D52;WB3M6%7*_*%#&]L0+9RVO9:6T$95V$DJ^4]>Z-I#PLKY!X1!)(L+@ M,@G%D7@B)N,H"8-
P<-0QO$TW1#T3TR"^).K). R)HOWM*#NUF/P\F%T0^10D MTVV!)EL2S85(@BAI1":-R.W%?Z@+7OV22$,B/>ZDD0VA:8QD\5,$&^3 MO5P951!=#+HIZWB>[+5HX,TXA#
<;3R51<-[\WUT[GD"FMWL:SX*X^;_/FC@" MZ06KZ<.]$_0AZ;0+4\+>20[Z*(Y%W$C=ZZ,A:0*IYX>E^AC%,PB#X0]<9)"5D>LHY3)O#_?]8N+80=U S50C2>A%-?
%N'X(J%#B"$26\^U M06FF5,.[-?9.W[:A2V*$[G)@Y[TXM_HG"2B]K=N47K5_'5J7:];[Y$G'\U;F MJBX%=Z5=[;J"G@67E[[\HTOFYI]W;SY<7[UOW04RIP=-@[C.$64%1HW\
M_;J86>@VD41EX?TBK=DG68:M5<%N;-4TP1E$]$=,P2%HO M;+J MPG'?!7@#'?4_2"KRFZ*VW2X MYLRKO/$&QXVSSM%79A#AX[78B@8E4HQ^1;\AF]'X45J$Z)=?R/>5TV8)
[$'_+%8D[7EJI DQBUE[P0RWZ:%I/6?>#1H M)VN,$PLL%=;%*('1FUR-X7ZU,OI.@50B MID_.8P*/P0H5MC>@R*3,$8L%C.ZBX4-##M@.6;!MZ0:I]YEV^AXWT(+;Y!%R MZ4[FITZ?
\@'9(9N9Z' 'W'9"\A@GQ)>H^T\Y89_=/R_E/A7F,C7]#'>L3L3" MZ))-5E56U#S%#1V%LAJ+>>V$O&MNC_O2GH9C7^\I(N"M[SVT D%:5;67?JSV
MKW5/UECDWDD2_1ENOI6G&U+:>QA"E1H3!;/92, Q.PV?T9\@7CIN%OH%J6]WW3F-V(9IT$F#=I512X'LZ55 M7'HGY"WL)4ZL^&CG!^(-;?XS*,9)[OT,%]G#6K.I2^Q;^+ZA?
KKA8$-J%XS6NL$^9X^/J#PK]B7@@WV1TD,/VH"A':YX/00] MT]P9Z3&&H/RT;!K)9\?@"+D-Q==8FWCDG329LF0@Q96LZ#7>5?& $]:Z+OB<
M$B6=%RP8E@JHN$0/O56YK'+;2D%;+'%HGLUYCU M0FX=;$!,1[A<^E6TOXM/;03"N^ M2JN/1/A.KL7?M?F("1/;7Z0]^)W!<"@E'_>I1:"X8?M>*P-77G=WT$TZ-8C
M2.J%A]39@AH_E7XVINYB#6\F'XFIU#D_"2<)X&3V)3&U'U(O_W-@Q:[BBP!K M\DA@_>1T\:6!]9ZW]J&K'\C\$QB,LCO0RCYZ'+1N"_H?Q]7>-8\&UY[EOX:P M233["V'_0MB_$/;+
(.RU1'#RSX+8>RTSV+,-GGZI;7 #V=.'4*Q#L-G]+7#T MZ"UP=/$(D)IA"QQ]2;CFN>3BTS9N(?5TSUCR&7:*8Q(]XL-W1#$Z\;F[U5WZ

*MVV.A*1.H3JM.*^E;.GE6YC*9(M)IWI>J&S,,:8Z;-O6E=Q.G$+^U* 4@-FV2MXYEGU=Z[;OFDTD0 M)F+^9QT;[(UH6EC||+#&]],W?O2T.9UR#&TOW'XJD9/A6HZ?>OVI=+Z6DA-%*

M3- 11N\Y5Z[04)7S79(8KW1%D B@5%#L5+P,^!]&J1AYCT2YH:1WXY'#!^[M\+/33[SQCH0!/.Z|)@NVGAHRA[Q#8ED$'--$J9I)K3,.3MA|FX>6B+QMH&.H MREP3;9_ZO5:(,8$!H-''*

CO|I,W|I&1=NE((MJ_K##U4TEF@/M|D&\$CYEP$6|S"(XQ-^I\YCOTIP;_G\8,T5HI[D55>IA;_,2+Z5N#5U&).1$|#+DJ#B6Q#|T:Y\'"I/OM-&

(YK7AAGI7NW>=L0_N/.E=43WG^7?1K-+/|4_HC653FXA MY0E\H^CRI-2>|%D#{A00>B$ UIKYZ*S>^P_'3=031H06E0HN\L%/\|Z^T5>V#*

M\=X[OE=KV#L@L3YS.94H&G3\RF)[*L8Q)QZ30N,&GE#+S1K+1/$?S|,^GK-;0 MRO% +P:%M%,/T4.|'PRMRL4"V>]#L L*%T,=BVW,;\OR4S+Z98,_8>)P04!?*

MCUB^"S=|0%1V:S%",G095&S&#YN_VR'T&ALKG&<.CM8T2W=G\|"EB:.&P,,D MO\;R%AZ6SR8W94GHG6$C8T^;SW<(2&Z5]3LP;ECPS,T-'$B%X$= K-12]^'< M744--

*PM4+JC/RD-ANW=IA?'8R<.[NFM%K-0*95Y15H'UYCT9W6F3T6H&GBR'''%*SU\ {6OVH9^6[- B<\WI@\#ZAHSU^B;(25\R 8W#&TOW'^LU+.#1^Z!E(7KK0\;[7YG_;3ZH9\P!N_YZR_I'/P"KJ.\;! MQ-=.WVF|O9*JAEO>_Y/>"B1<27Z<,@GWEQZ-/HX\1XCON8)!WQF=#3X+*Z6Y MX8_?L #EBO]"K+O.:?5_WTG|6U1/(C_,PJ2)0%I6W &L8S)*1W^ZV)TZO^".S*

MN79.EWRXE"GJA @2&I0P=C4GM$##WU>&+?P-02P,$% @ HC5,6OSES16_ M!0 9@T !D !X;"]W;W)K&ULE5?;,MLX$/V5 M@===>(

*B2{)\238)X*3=;A=H$]2]/"SV@99HFZ@DNB05)_WZ/4/9LM.X:?=% M)[6YG#ES(7V^UN:+74KIZ+XL*GO163]W.NOU;++;4I;"A7LD*7^:;E,)A:Q8] MNS)2Y%ZI+'I)%*

*UJI5!5Y_+Z=H6JY*TA6Y>E,]7LM#KBT|B+MQ[O?Y+;N(9L+U;%|8_:=W(O U*8U=;!DY%I6..%#|5K YRJ_"6S9|5*

M0<|=WAKDU|B'@&X+43F:5#F]^EJK%8AWYST"%RS8RS;FKAISR0_,Q0F|U95;_M6GI5Y3)_,`;"W 9 OP*GG6XDN9A=2/ TJB)'W&7K\-N,_MJ7\Q8++$?,/TS*

MF5EG4"K_'HJ|L9P>MLSM9.=BY__RT>1G\|@SMM<.:?/6?__MB7K6W&&P-[6A5>MGU?(C6Wf01VXIZ5I75A^P3SHT_/Y^@U3+Y42);.. MU;ZS/SI5/= 76@'430*$RSC<1 /TG! KW@ &)6U8N-.I>&8QH%fY]13!F M020=AS$EHQ06.$1GZF9V?,9D(8 %L$Q:Z7TD0C=-P1'&0#&.H_/V)WLM+ MKL6LD/0:*%AAOFU3,E1? S1M,|VF]^4WNG]9(N(XL!KP9?1W$,3)*

:1&%$ M'{03Q4_XZ%(_1:P)U+",@G2<_(DR^]R+GR&7DKD.%,-)E:>E-HX]\UY\0R? M1S#,7!WSNA^<)D!^_)31HR08@4J{^=5I.#C>8_4H'O99[2AF8H]_A:RC.(Z\ MRC!E6X>Y.H]#

4@:LGC0!ZE8-7S]>NP("^5P>AI&Q\TZX?!QR'/V,]&2!) M?<|ZD@1<-:<>_(I*R,.:)RX]]T((E;".%BU<.,[&)CV>=JAYX;,MRS !@\X/JM.>":0 MON-FC.A!"MAB;RS/QDG/26,B;*

*(#L=|^&ZDV0?@%/&4$ 6 &6*P*Z#RGM%$+Q;9X(V\0+M4-3T6(E!]20<^N\# M_TSQ_"R1S4PO*O4-P!|%+ ^Q#|L_\LNXX07=L)V= M^W#@39*;L]$&L"*

[74E_42H>FJP<%##N(3%594>?24G'H;< M#EU;W-J#-'+!O:O- U^OI#'('Z&>5UR'JS>%/):N:6O4+1-2%,IFS*,N0R% M]XTG:X]O|CQM+L_\9:K \UQE_C3-*

,EU7CDOV%@=;IA#&"4U# ^D$)/RWG7#]A M"N\X-%^XA:H3D%4J,#35<(?F|KI&.4(4Z1:--+I(F/)?E)'.]8:TC!LXO8- M3]..?9C#8I]9NG7.%F;PYFA7:I5HHGE'-8 J)+P%UMMVD/]P#*

MX^$ET0 %W;YR3QMK"|/_?:%|S|E\UH>L<+)6KVN=DP]>A:U1!OI^Y;2K/P-WO+ M/#W--;A|V_ZJ'F#1WYYUX\]P_DK3"8%I8.8=|%&'3+-K;I9.+WR-^F9=KB7 M<^:42?*

*X2D88$!EP3J;I-A!^U?]\O_%!+ P04 " "B-4Q;Z8HIDNT# #@ M" &0 'AL+W=O2:Y%K6WW>&7*WE1A%;0)!XF3ES MYDK-MM8]^(HHP',MC9]G50C-99[[HJ(;_< V9/AE;5V-*

*@;=ND_O&$991]=;Y M>=#A\Fl>H3+;8O;,[MYC9-FAEZ,Z|; ^L:W>Z*M-W.LU&V/_BD-E60@WPQ:W!# M!Q1^;^X<[_(>I50U&;^L 4?K>;8<75Y-13X*_*%HZP_6()ZLK'V05<=RG@V%*

M$&DJ@B @_SS1>|):@<&8X>)9%"]1_\0?6=?5NCIO=5_]C\}+PB@\+6 MV.KPR6Y_HA M(@@I_E2>OV1?%YT}<=?P5U-$8;]P)E89>23$GE:X"<?8\ WQWN>5^.3B-=4#&*

R.H/Q<#P|@3?I_9Y$O,E_\?L+C^%:^4);WS]"OY8K'QO7 MS]_'XI"L3(|;D8ZZ] T6-,^X93RY)\H6WWXS>CO\\80/T|Z'Z2GT%Q^6_R]W MIU'O6_8735"H|0[X"^P;;.M@LS?

G2&,@#\$"&P5Z+LA[D2JL#Y"?F(>$+=DMS)B>$A@RG_6#RVRE$)RL0K[JV7BE,%U[%EN7/KPQ7KQ@OIGXX',#M M(945:C0%P18|O!F=32_,!S]PFV@=.SZ2XLl)"/OJB2GGQ60

Of\E&C|;I\+N M"S%A$'C6E1O\"INN& B Q? MH=YYY8'59:XR:6D IF1S#B19%5E MF!W%8/(X?Y#4-HVSR,^&3Y'=2W3'4* N6AT#67)_V=;(LD!?P9H?!P^MCRR: M$E]=

.M_3E/%X4CGD!#M:NCJ?N8HJR%/J4,[@I. ^.I#+(Q8KP"G=N)9@3F0'&.MY2C"&^M8HU(%AJ2S^;I>)M6^<&K4Y;/Q+;?50TQ.>H#ZT_[Y73YI4\O?TW

MZ#:@ZAIS:K#P;OS#%QZ3],FV":^82L;^$6,RXK_@I 3 ;Y?6QOV&S'0_ZE9 M_-02P,$% @ HC5,6LK 56:+!0 >@P !D !X;"]W;W)K&ULE5=K;!LV%/TKA%8,#>)#*![IR6&+"=%NN*

K$&RM1^&?: E MVB)"D2I)V?5^_SS:3=]55O \,)6J/QH,SOLEES]9W83?'NSLQM1> M22T>+'-U67[7PAE=K?),&E_>)2;PM,/_=E-Q3?B2?B_JP>+!WZ'DLM2:"> M9E:L;Y/Y\'HQ(?*

*M@\%F*3GNZ9Y3)RA&O>OB8WR8@B24R#PA<%RV8BF4B#0 M^_I@EU(;=_@>4=!WQV8\V. M6;(&&MV$5(.WR$E-17GR%F\E_/QL[APJ_RB\=]>2&DV+NIN\1@>$Z*

*M68.VB&BC'Z_-1^S>:%\X|E[G(G\)T >UCM^IY;<8G42]$UG*QL,>&PU&DQ-X MXRI?<<:_WR^{)_YRGF+/OGW>YE'W,GW<6EVKEW%,W&;8#BG(*_:>K=!KMBV*

%WPK,5&8V6OXGPVTE? ML"VWTM2.;'AZH6EU)FJN,DXPLV:9L!X; V8:*

*MDM=Q0C%CPDJN@&RR+IRD%WI/7]:V,,TSJ:27PK&WAW#TYH_/1R_/>D&;"!B4VCG2!)'YL)Y688"=!.!VE5]?ZCF"^8ONA*L\ER21MV\ M[!-7XA[HHR36!*

*[/%;1EU76;/B*Q5G/P;'4UORB,$Q!^);A4|T5+[!VPH;/'V!-M$=P4,)'PIXD U+KV-#ZYP**E=@S' QXX/@G|_C0HU/"JQY)/H>V7U\}^JD#N MRU#9C= 9-=H[=I?*

B8|65UFBR07;WW,,7"\)*O!#VE+'0Q %Q#!2C%9@MJ?" M!MU2MBPXL&F(PQPHV39*P#JU'9^6Q !TC;%8\/+]_2*C0@1)SFO1%3\[<4HG9ZQMY-A>G[6*

MJ$,)'#4C;DUDG#L\@+>XXOTG(X/+SE?7{34<<=IV;2F-OI=_ K%=@K3&->5 M-AY2>AJ8VEK6=4^KA7:!W&+M+M$,>.Z_7;-ZH\.OV:ER4BMW:5"%>&T=!GT<:$

*M&0@/[QH%8>OJE9/8>)9:CHJ9*6@JUS**G3P>M&Y5AF72=AE:-NS_@<5J\D1G M/I=^[W31/SH/@MHFG'H=N-?:QZ-A]VMWL)[*\^3:/)[*[[E%]&W?@W707HQ M39B-*

)WXX$T53I&PO=V|R:W-H965T;9 MZ;F?K\Q:^UZQ,3F^611NK4M\=,M3OW%&[QIG91F_?]YZ5K;O//R.3^[<2^?

M%U69V=S<,.6K}5[^U4OA2>%_QNS=:W_E:DR:PH/M.'=^F+31%,IF9ET1' MX]>=N3)91H0@OK\"S4]-DC:V_X14W|#NT&6FO;DJLCIL6JY>="8=E9J%KK+R*

*MMMC^8H(^(Z(W+S+//156UH|..VI> ^;)8A!V08&US^:V_!#NT-DSZ1S8D84/"' M<@LCEO*U+O7+YZ[8*D>K08W^8%5Y-X2S.1W*M'3XUF)?^?+6+*M,EX6[5]>Z M+*

*(WSST]+T*5O3^>\QBNAD1RA,4C4=9&7*Z]^SE.3[A(XA4"U5$F4ZE7R*,77 M9MY39X.N2OK)\|%Z9[669TSO[.M:7GIO2]!TGJI?K9[9S);6>/7:^GE6^,H9*

M]5^7,U\ZN,M_'S%,!H>9D0A],QO]-R\Z"!&O'%WIO/R{W\;G/?_^8@:PU]- MX6/4O_&POIG&$5/\8=2BR!"MJEP9A,V\]/-+2YDM>Z,RF^F[[TROM2SS"*,4J7A I#8+G-*

*L0FQ=WQO'}>>%%6=8#*16B\Z<3LW M++@ME?6T<@;.1BS@*QA%>&YMEJD9:*ZT6Q)?;$$T4[K"IX4KUB'^<D8Y_$-'-G4@N!?#7[DU2'M%5)MKJ/(E'B@V6)(Y2"QR'"%R-.*

*<_&VJQ^96_4.UA*_()/(5]&=#*+BM(-:=TR%+R7G,<+ M)[& ^F 3'%NO+^K/#X03PM*ANMWI>@MA0& ^]<=:391;_M3P*`,,)"9?1,798*R\9=!-*(-D MB@*.G-K*

*%9TI0P3"D7*S@,>)A_[DC5$?"ASZX/RI>]*&DU'O#+|'YX/>.00* MQ_F7J Z)Y.BB-T;6O[.NR&F'SO;77IR\[F%YTINH81_L6ZI*R')$M?(,'4UP MG5)_,3O$3C[T6%SY-'JJ!N.DUX=*

*9[T13)8=:*2S"?01]\|NI@-Q1N,D_U\?1+'}-6HNVRHVUP!E\&%9

MY:_W!L20*E3FB8+$O[6Z5$5!A,#&7Y'F7K,D36Q?U]1_8MDARU0Z=6F*/W3N M%Z_W)GLB5S-9%?Z3N7VOHCPG1"\SA>-?<1O&#H=[(JN<-\LX&1PL=1G^R[NH
MA]:$R>"1"6FY?, M@>)H-T6*DI=N)3/U>@]AX)1=J[TW/_PM.1W\^ 2_HX;?T5/4G[7'T[-_J?(Y M(L8+6>;"+Y2HG!)F)I3S&AZLG)"0WJJ_*FU5+G0)!UXC,%>ZG//XE35KS0&' M>,=
[9L83,TS2JH6QG@:#*!X?656 ;"ZD<\J',8664UUHKY7KB\^@J4NO+%3E M)<=AF"D*>1O&8ZK)-%.Q:EX5/,IAUMH4:ZQ;E9FR'O#B-
QA+1O_1O^F*FTO&]D*3:]FK\%5#55"BL"JH.%A"0ZNA(+:&6O%^$_P=,F@W[RHK:CNLO(Z !P94,LM#3-;FCLIC6? MAKK,ZBG&3BF7]1]R]#0'< 7*'[DPP0][_X22I\K?LK'P>*9+3-
!P!W:!$,Y+ M4[6B.M!UVM7V0[! 7SP4KO. KRM2?8.#[^Z0T9T*P8FG*U-B8J"UY5N%4>)@ MJDHUT_XP.#/T,#,%Q'E+@J*XT,&\A -^$E% M&^#$967)W<1/,0#VQ4%RUA\>XH)UF?
Z(JT%_)&XX&LYP==(?BC'^/AN/"36! M@XN:RW@S^HIGKE<+Z4P68 T*N\(QA#;&.:)#6;O#B5MH\>$Y+ MOQFHD,J3P4G_3(S.0'PRQA5IMO(
OF\!YFK]0:M/DC\E\4Y/^HDX&^+G:KL2 M6:%>[0"N>R@.4OJM-1-TDO9/19KV3_!RV!\<1KTT\M;J2$XG_0E"\:2?BN1D MTA]LA[26)"$NMTM.L&1"1/&+A3NFFUFS%)=
(_KJL2+2/04B"[GU>(:'_PS-P MAO^G([#Y/X2_R"M+JY ?M<#)JLS,2_V-\$WLGPZQ6'2\3@@&WZ#0D#EDPVNH M:"4U0W(F5YI45J4R@525(2ODA%W!5'*U*I!D2+H6"Q@"4GUQHV!(
M W\<]<3>;UTY:X.ZWAZ7%;/*@F$+ '1@IDXDW^L*?7;\BE?_1!'P"4X P$3= M$5X3K 6,XJHFI:2"8J[IO:TH< M*=DV4DP3*?\EA%[[/5"$<$ZGHAXZPT&*>)]7TR2(W1))#PIXV6$
MKC;3/5&B=H,I=G!2>VZ2 &P3 K A7XS%" $_P-_YDLK2;XT]6P[:*DS)E42@UK _RR& 1L>OKE*_3^GF=ACH8#P ?,L@/F9,S'GS:/&$B;$$NL$A. M ,K1KDC#E'&D-=XFC,?^?
V099/YG%=* V[*:-CPPVY"FF=7)!C7D)R=PBA<- M\B=C/'O1) #B'0OY5H6\#N4^ AMFDW5N9P#!R1ACM\$3*9R,')$8+O+93-VPI)=VME)_NXZ'[@!BM6JLIOS^T.CLLJF]
M^]N1'20/N!FE44OJT:#/K0SNV'=A]T#B<^^_+=F\?HWB>9:J(?I13:L]B+M]",EP#D>&[VJ+, M.$JHC:"KX60$M+H&0-0 'Q32GH%1*<%1TDM'"1PL8&4K!*+&*%$F^$6%?K\$
M;QN=F$][9XR5:6\RI**\(V4D]V"9MO0D9*L&W=TPA%T'LBD%UB$G[Y%()BD@ M^#INJK:T99Q'.ZTM>\TQW2K.@DPX)F G3HC?$]+'!^ID>+^"%[S7U Q/2<Z&HP(57_'S8[FIK_7E'/
053F36A+8$#&>?G_/KV!*08>(@VFWR M&F5>V .Z1REN19C*.Q0U#_R_O=G4VMQX;K,!:.'4_:7"SN.,MN,#*ZLG T]. M(5U_V^K1AI;O5/9YJ#2IO"^>\L:'>,,(TP6=MUMBYV&SY:%#
[/0C--@ZE/,(M*\K$36U'3$7,H7B@?CB=C+D?KFNH=# <-^,?B>1F+()E.V\T;.8!Z6+)O7,> M5>BM>8.CSN18OP:U-5/&K3H/RCH+ RZ:K>9Z0AT.L5S[+F%$;&6)Y1 D7\K61@BY:]P-
M0^(^W]'M!EW.=5ERRD?8H)UIUP@84[5)MIHP1W9[*I?OB*U[[>M'U%NTVD78 M&:6PH%ZN^^]G:[@.K/O*(V8">4G7QP.QM OE[Z.]3:"CRRV=+&X9QHE=LH^1
M>1<4]"3+'T,U3]7OL^YX0#,.[_V+U'OB _D()9R/#0W.MY<=&NT]TH=7<&]" M7%=-_Z0>!SZYK2QE?4A!GO"EU.1*'-P!1->H;@TJWN"-?U96NUR'GK[7JGZO
MH!-9RAZ5$Z7;%&M9:MS] \JMLJ^;7M?YZ=9N"C[QP=_OVL(!M>0XY!Z-2DO? M-"Y7GV[$Y?EU+Q;]?"Z5JY "S(J H2ICAX1HH),BMB1Z 4_M49-NB4[<(YEI
M;NT46.*&X.^N>Q2S:P^$SUP011P3#_R\QX.(UG8S#<^3 "Q_")1@W&DDMPV MG"8%B*AWP0@+G"/8#V4V=06RW(2$1S4!NV:80Q)=6)VCF[Q>R-"TM+35=%[$
M$@7U_6TECC]BI:7Q!GQJP@5,O](%8!A:GUNYC)U0F!E.0Z20I$MMJT8,=>Q(;SCB% &;ZZ$+46@RGF7Y7AX1LQGC_7F?T_HUAEJ.+2A+?<'H*W" MYOICVQ?1+A@2;.D?
=PER;T65(CF=JS"XZ<=A@$"5]JA:<*WNY!*Z"WO:'\OZ M,'74BX<@M?=KYZAI^@1O+RN$KS49:EE0I6%'R<#DG+W M(=?
&AA.%J@A"R[")#W3,S2KPQ95%%\WAY[1[S(4/&;=@*].Q3X:B=][L1K6L M$$W#J2S"VZ@;6]N8KY-;A/)JA4"F>\8U;HS"^4-D&:"Z^:;XQ5^5Q)O9IOOY MAVO ZQE?
Z>_ZYN6X]3W24MDY?W5%V19SPJ=)S=/FPZ[S\#W3=GCX*@Q%PYQ ML5 S3$7+?[(G;/C2*MQXL^*OFZ;&>[/DRX62R.0TX(0.G(RO;VB!YG.W-_\! M4$L#!!0 (*(U3%K[@&TA#!P
,)E 9 >&PO=V]R:W-H965TV_;2)+_*H37V;$!619)/;,S 1PGV0TP27S.S :'P_U! MB2V)&XK4\&%'\^FO?E7=9).B9#N>6^P=%DCTH/I17>^JKF[_>)]F7_.U4H7S
M;1,G^4\GZZ+8OKR\S!=KM0GR?KI5"?VR3+--4-#7;'69;S,5A-QI$U]Z@\'X MJSB]_^G$/3$/;J/5NL"#RU<_M;H.5^JR*7[\=EK+/,C5 M=1I_B<)B_=/)],0)U3(HX^(VO?
^;TNL98;Q%&N?\ZMQ+V\GDQ%F4>9%N=&>" M8!,E\AY\TWBP.DP'!SIXNH/'<,M$#.6;H A>_9BE]TZ&UC0:/O!2N3\NM'X#9+0^52L5>;=#FA3KW'F;A"IL#G!)<%; >@;8U]
[1$=^H1=_QW9[C#;SA MD?'\:O$^C^<_=_'.-3UWSF[5GW:(MV\M\&RS43R'[@;\BW*V67H7 MA0I"03U"9T'4SZ)YR>*WC8,D9VB2-*E^2;-=U7PN #D6C-*I6 <%#4:X=Q8J M*TC3@
!IF3EJLXW3G5)YOR952-HJ9PHR4WW;$J:8J"0) MP$-)W>M1B;2+1592@[#,T+D3IVTL]IWK,LLP>Q84BG_!AXM,K=Z/?>'0') &D36?-W@=\)'AODV48%ET*@K(G2! M"3+2ZC3$)^+?
QPJI\4.6B$"F<;38.7E!8.-!;GCW61 +H>Q1-+WN#7,Z 4EB,(]BDJ>+ M,",/(=%@@8>@VPNUVI%1R1]T.(66=IN1(%NRQC"&-.>C>KY)^Q8B&@YRQA*D+FN9*^\N0L
M6HN8WIV[E%0%,T;?>5\C QC"Y!L5D/*F_NBW29.(A!L2!TZEUU4*!B*',$%]'#CT*,EBBB)* 4#\J M-UO1]V1;2/\RJH-L16L17B)'()6I!1V+E!:<;].$F];S+8)M5%1H;HP,O<+6
MVN).D=&&5C-*95^K$OEB&2: &0I+5F1A*8$1634P1PUHO>R+7"EV!?3:SSJ% M7!B2="<^U6:ADMS)O343(=*1?
MN0&%#VHS)]5L0@@&LOW4[PELBX7:0KTHA%W1IA0%QLJW!'LD*]740/.=@" X M_S[S)0("6A%J[O.7'3"_T5YMY1KH"> B'',?M-MP#8,&!^B#7M4'O:+V]S>$
M;+*""^>MD69W\,+QZ3_]&XU>D(+1BAK>;MV*?G%'W,BCMW=,NO- =GOCFI\]KTI<7OT!DWEL&DD=\8=[V:/IO MK#T":[\PVQ?0#@WT@'5;*+)0\X$\%_(E'BE<'0S>39@K+?
ON>7.0%B"-WS2M MV'J?D8[91'$,#7JN?_D[F0KEO(N^(6].3W)\5_W27I*1)KV9XX[ZP^IPZDS MF_7'SG! CPX2V/6_LB9]3UJ0BTGCCNFEQ:HS.7&HSEE]F8.O@8N4GR87_@
M#/H^/65%Y_VE>K^F*.12XHC1K#^EE@ /HWGT[85>UJGC]GQ_3+\1-]%86(W M]&DR\QU(E[:5OU=%=Q&BV23,M1R^%';T^2=2 M?.R":%-&/%':30C]U&OP/12? MS*C%B
$:]5VBN->@^- ;$P]8%/?'?SC%H4 6HBFMP-N.8\B!DQC2' M;&YIGCF%K:PH*D>+4SF1N$,=-K<*+RG@"Z),$_:#Y34+<*)UQ$>#96=JDZ4N
MUCT,)5$0UJ0!6F*P.QYL'9%3F2W6N]Z3S'INNV,F)BOL@8,CO@DT9M]P)1#" M"#/A(0"A86ADFI04?H4M#D+GR+&8J(#)L"V1'LNE;SLVL""RH@U&&\U[CY<$ ML2?UBIA-
VJO2*'L\8B018B])8_YG)H-?N5"2-5+L[AW#TQ>.D64U%:$E/ !$ MA5JLD^BW4G$BPZS?7GF=+L"4AV9D!K!PDD>KA.,+6MQB+7XA3?#PQ"VTZYSF MHQ'X0Y4^$(2Y#89W/B
]13IFH\?:4ERLLHQ=YG3Q5?B)Q9CY0;9'JBB/.E4: MK8J\JB>YHKA-M)SZ9M;,'C^-R:L)P>6+.,U! XH-%BHWG$GTID64](LBK1T& MDL=$?"-!K<-)99HO[+-
^0\3%>E#&I&7UD*A$/(0L#/E=' S6F.R)6I*(%UZ\ M5D25I_C;K-9E \:PXA"-9BTV* MVX2GO/2P%LW?RA0+T5$>@UL1T.L@(*=6_HHT7L+$OUH1L(0Q4H KB2I[#A*= MJV"E+ID?
+N;!XBNH7-&H9P+/;&EXTG-QO#-DG".KG"S6@!BT MW*2ABB\HPB9N"0UEB:V;"]//,2^S&)&Y"%B@84L*3B@@T8WL;J95L8&#=$ZJ M45U@R9RBU<.;<5GR2/7%I!UID'*]?@
M["+P#8%XIY=%H65(WHG>"B4^J/%8"Y61)IUE%J!-B@+\+$)G2I"\@_H$YH9/D!\;R7/T(>3F)RLU=R,@)A$&!AG:\?&AT<'V$E.Y "#]74Z MNL$J%::694%<*GA(=9)"2V3-\K2&>11:."?
PB#V+6._"'3]2MLW>-\.4ACN M,C$&+5:&4A56\W*++)IP*]D[F@.SL;V2; KP##O(#%EULQ2W=DN:ZKAR5'*] M96-
E3YO&F/@EUNMHY"P_IMH[E6;LIR2K&,GBDERJ7BMM0E.0'P,^#[*"!%'2 M:I*RJM,MS1\-5^V9T4,.#%*#>4%3OY&H-HS#40T5[Y#[)/%^^L/(]F'E+&6]9 0CRFN$;/7C[1UAJ_)O J
MC'Y?M"9LF28 6%*'V@G+5,U#3?)$&RUP,.]:9)+1I:650:/)D=2?%N2CEY8 M&UAM,C8Z:XA5MHBTQ0TC6/TW0[ZW)UI@9>M.*W1X#]$Z=V(EJ=V
M5Z(@/V@]"@/RV9):45+VDQLK(ZKA>RE>! 5!%!+AU:77 ;^:,.K= 8MH&5YW MBOC)=&A^NZY,ZY">CZOGS6\?M)G.+W7X^5H,M64Y?*NY_?E#R5F9=\PQ[!)L
MRKB(+LS^E#,:TWKXI1TA-H/3*C,_0BS*+ ^T.-X_02 @7N\ X\\X)[GT@NH%I M=_;/B2S3@YW?U *1LKZ'_&(M@R,SWEJB Z@12A]JV]91W,'R[\B35KO*I@\1
MLQ\:JK$C!KX_LJX#%!J/*)X_U*?!L)X[/(*!#HD@@SDOZER0-R%6HT\N\D6G MSG@R:0C'IX>RUI6<:39='F33Z81FX)='(L'E) 5>CF* 4V6SKF9/HRE298\C
MJ>MUB,X#B_&&1_H\%LLV[21K1^^# 5/.C%5_>E.R$M<9FAX;[;/AN7-&,G-> MM6I^N]*)'\'M99W_0M,%A%@&^&TV0^CIU? ^Y-.&[@04[4>]< M#%BD4P1[J:2\X:T\T4?A?
7&R^G"=YMBSW,NL'/"=H.(LH"J?N%-/Z@##6/A M[T8J:]-7W&];XVIIX<"M+F>9E[N+M,2>["I+[[F2B-V-'H4@BIV&/"I*:Z.1 MS%B:A$%6<3<[F_0YXOUGA""\3+A-
L$*%Q+/0PM^UOH"S2O\BZ\-(AQ8X;"R0 MW#Y)-^0/YS;%%YVCDM5*'=+*=4DK%ELF>F.2'=!";]D3DRK9SG66&>&!@WAQ M"*L?B!41ADD2I%D(9O-
]%;X\@_N7CTASM1TUR\F[K8%^5ZW&>OA15G(CZ1Q+ M!8L#WY(YTYGI"&Y#!5=!MSV MPI?W+BLJ8_OR>VM##?2RT_(_:Y&X:;M&4P+RX^45_S<9>&@[CW]M.5CML*!;
MT'9;Y$QBV5YFMDHD4+A8!1*=T))P#2Y<@4EGG_;##GM)B:AAE@8R&F%=BV? (>B? M%&?XSXXSWE>)*K/YI-.LY\\(03P.03RV

D<0XQYQ_[%@IBC04;+XQUV(?HA_YTBG\=&,<-C+O6#4 MC1KZG7?8_R\',Y?@/, M'/C_/+0YOMI_E;7^.\QY;IBSYR?^4*@PX;V#PET7'@M[4AG/)B0/O]WI/.<2.?[
M#P>]$['\+&710DG9'2+7$P49)$M.=S64/JI&O0@\TCJ+*(X:QZ<:U=7-^FLN M_MBD)=:KC]6)\4%)RS41A+0DX]IYS:7WBL1#J;W8S=ZMMQ];)4DH)5 O*^Q4
M9Y".'^!L"CD7#G$Y:OWI6LHZJ!WAX1\"OS'V=;D%_7K_<5"'P[^,A MB@6G-(R'&-+#T%P?"::,L&]*^#<$:AY':[L[\%:0CY8*7T)6*,QZR+/S:=(K M%,9P^1?
Q$>%T14K[G)V(,X)L2GC%"L]0Z4J?9P1^A?]M$(6$.Y2=4FLNC:1W ME$7B;=@GT_RVVF^>-WK-8=.Y3">$VT@&;[<''?00T'9SC'38TQ:C7E''FPI- M:CH-
"42_HI+%%):_]ZZQH]HX;G60#;QQQ08>?Y("3'KW0-0KJ;ON/(9#,*%Z M=(A^'NHUO2D1[JT8+FJM-$B725\0$_[PM4A0_;O MH@0G@>#ZISE7F$J!#I]R?
4DV/C%'E/1*QH!MV+7C9LZRVG4B9PP+O4)(*$(U MK]:XC>;N"*LX<\>,7'?F\5?/=S',1W@ZO"Q[52W,P,O]7NP$BT6YT2=O)?I! M^4*FUE"V?!Z//0@R6.V3M-8)-
'B>OR;6P&+BS,%I73AURA7-YM47^A/,C9Y! M4^$,1XA71[S;-42OB,3,>-VL'I[2""K2N2=O MJHXZ]#'9JDZF/M1%+MA"",'UD\T2N@WY<%99R@&H@DX; P"".$\[H0B.P<"U
M>G$0;7)V[+*("UOLHLX,?)+5(>(75?/1@^X+^Y?:%>*(6P8+4U-CCEDV5VNUC[[BV>=!!_R0JW"'PZX&K'CB[_U@7JP53J']\E,D:NCLV*J+.2"J/8Y_G9]
M'@%S.IPBNZF]/F[QN\I21*F(M9'PQQT-!^KOQ9D_'8U=4C'?-X8O.+U/RUBC MXS[*<0+^3DF:IEH/N?\/J5Y(@\0%=LL#2L.N(Y=SA1"@4_)W)G >[>700W^& MDTO5PP?.
(S37WM>GQHZ"!%V,^FY(D!/E^GRED7.MP6H^KI@D*,0_J8ORS*+, M)+B5B.8% LUE$Y6A@5QSE6T58C$Y0G-BM0HU*@//P:14S5=7?^@RV4>M4Z0T
M=Y99NA%PC[FCH<1CM5\B49BA[572K589WY0!P)!NL-6Y%APHCTQ^>3:SX&@M3!DD":\V-!X_1-M]3([
MHM9^"W&WU$_5C(T3U2L7$^,,ST6$QBK)+^RYA8I9)N3RU4ZI@1;+X$(&L66$D-5,X5. M#YU :V0J']2H?*#G",V9.9L6(.(<[M%>D3"+[$\T-L7V$5.4Q*V[_?XK;?
X:!SB4&ZFLW_X\A0N\X M+KE6_6 \?(_^=I,&,1X2\F=0J(>CK0,)R2=(@C31;27$"0[[-&Y]D+@.XH]2 M%5,ALTW=IAZ%77MT_73W6+*.)7? 41A,ZSFT<)^HQ+
[:.GA]!'T.O"W3M1'SA6]25>$%>5L97[%H+R^E^V^[K>RW5.6JL!MR8W\P>9[4=<\U93-#DEJ6^ MN_G?Y-+';_B OW">25K+9R#U([QLMFFFSZP_P>T?T_X4EW?\&LNFB.YB&@W[
MDQ%/QV_N4SNJVIM!, IKP]6QS!TEE;MU/JL M\UI]W(Y.32[/7 +?=J-]UIM735Z@/;)B=7U_F)3F $ M=>=.^"RT>#^5>RJ@RXV8>_D2QI0^NV>=XI1,@5&K]N6A[2*(U(,/CN3[5/>
MN!EZNN0)6TT#;^RX_-''.33Z/J'OR"R9[U.N4Y@Z_H@WLCQR!/D&'7_$_?W! M!;T,G9$WI>_N!.GZ!]4?G+0TX01XUR9U%4O#<->Y3I2,5#?H-7*2]65K>KAB MG:D'KJ P-
QN)KO<>JP2/;$E[[:_7C65BQ^/&@&^4X-E[?3^:W%6, D';@)[* MYO*I;"^?8JL6VQ^R/S3BS2*XU(?VFX?H56\ZN_CT]I CZ9S-1KSM-1MB)_AL M-
L#F,#:U>&^KVN+R>!^J<4MK:Z^(ER([1N=ZDU?^G[D\I-X>PTBW![>-F)]\ M[*%ZV&W"'J-/[V#>S[7MYZ8P^K#S;E=U9[-2L(L(^J+H4T=O]?LZB)5-+M>3 M-Y]Q[NE]IP:5."&N;
[_@),NGK;+\+=RR7BAL6*H3HU@^UU>FLC6STG'"$3B% MCIO\K&DLJ9%#UV9*DWAAAN5"2YVW^D-]D ?$;_1>*Q$'9>A/;_BZI!?T2E? M3-
DWMJ_O7#09E61);E_R8)2)RE.YBVG(;_Z 'WHNO;6':3BV*#Z7GCPR-+!W(UL&C?7,H,1EN_>7BW?J:U?HB;'W3,/W,@P3A/\I< MJP4&4 >BUE9F^\;15H07X8A
S\46^@]J'KP]L[BL6Q4NZ[@:;4$>%:EV?\ M:ZH_2;?K>D6V8/ =AT=R5SDKA0[KU%6O;G^"I?FH['UMO:4MV]NN+Q9LP/4> M'M?6D&4<6)8IOZ1 L0BB6)3\V81K269X;5NFGRF@?
KEW\WF73>43O_(*>X[* MB^[.B=K?DX=!I=XPJ7AC>'P8?+&,MPW::[0W:/^^HOUM3?M3YPP5<9RK'?O M!\I5)K#SIS@]X>JBE=;X1^QP73F)D5P ?"0??!RGZOJ3"Y?6W]78
MJ&S%?ST$8DY0R)_8J)Y6?Z#D2OXN1]U<_KK)AR!;10ENB5E2UP'%;2=.)G\Q M1+X4Z9;_2L<\+8ITPQ_7*@A5A@;T^S)-"_,%$U1_MN75_P!02P,$% @ MHC5,6FEWA(V^#@ URX !D
!X;"]W;W)K&UL M[5I9<]LX$OXK*(UGRJYB*)(2=>2]J[5"DKCB>V9>I?8@CDCCZ^/H$GF^4 F)60E3LKLA+\Z*WJJKUTW[?9"M1 M3*!KU"R[+WLOG].Y:OWRNZBJ7I;C6 MS-1%P?
7]*Y&KS8M>W/,O/LOEJL(7_9?/UWPI;D3U_I:PU._664N"U$:J4JF MQ>)%[S)^^FJ(XVG +U)L3.LW0TYF2GW!A_?S%[T("1*YR"I<@<-_M^*UR'-< M",CXS:W9:[;$B>W??
O6WQ#OP,N-&O%;YKW)>K5[T)CTV%PM>Y]5GM?E1.'Y2 M7"]3N:&_;&/'CJ(>RVI3J<)-!@H*6=K_^9V30VO"Y-BQU(B&Z[$5'YAE?\ MY7.M-DSC:%@-?Q"K-
!N(DR4JY:;2\%7"O.KES8IK\>05\#5GKU4!NC8V962(RO%"?N@RFIEV%4Y%_/N GT@JZ$M\;2]2DZN^$9D(1O$ M 4NB9'ABO4'#ZX#6&SR
UVM^#]"JV*76O%P*_!VPCZK,N%FQJSN4@V#_NIR9 M2@-P_GU('':SX>'-T)B>FC7/Q(L>6(L1^E;T7O[P73R*GIU@9=BP,CRU^C>I M[?1*UUHJS2K%/O![%D])V%' -
H))8VI8WM!6,]HJ:VV% MN]X%T+*2V8IMN&&%,A6X@@RTE=\SOEYK=0MDS>X9&$KV9:5RV J(J6B[R[*L M>(.-Q&K*?8.(^9;B1!%0S<(.,;[B>FP?S
M#_O*$DD&]^/'_0:$R85$\2))3*U1I"9PC\B9R*25LT;' I\ 19666>4G[;\! M44L;%'%;[G, M^2P7;6U*P^(HB"+ZQ]9Y;0XO;.K9?QQOD$&9"J2"X/*80(+$W1J4S]!I"PT9 M ;)
(.Y7W(!INT#/CN(V 420@$/+6!^_Q&QR1M5O2*DS\5LOJ'@B'#W8MZY0= M8;17AV"241?[EQ6#B"Z(8Q_5:7.82PN,@R0>!9-DX*71%>6BKFH8Y;8\P5'(M?A48)=2RE+]][#JT-
1;4"67"!7R@^6R0A#%D6GD.'P)VE@S"J7\DD)[%TS#: M#IC7&AFVS,#? 0V"'TG@D0I(S.\#E,D&LD_\7XN9,*:[ST*K@@0WEVC@LYI$ +O?@L'O!/S#XD)* MDPZER59(@24U"H<-
[;+\NGP 'R2"PQ !@ZC V6J!=0;*NRY;W':(RVR.X 2L MR&\ZSKRK*51=NJ]GP]%6R$VJ 8\@+QRH*]H! HD%VX;2?#%_PN$-5"TMDC0: MB9%@CICM27 %X,VDFB-
7<3AA]X)K$[+/6[=JH^;/Z"])*GN?2*W>AD=I&HSC M0C@&LYDF1[RU=:N-T]H;U(XR0=O[>!8R!09-T:.KQ>"H&G]J MM$6$6Q^\X%*S6Y[7C3M^'+U[UG:,CH#RQ;-XW#'F>-
!6MK7F)$S]*TO\8;+1 M SEO,_1[#EKNW=H+.5^, 18<4.=^@<)ZK5&4P]$B&[@< '&QRG! 7VT?\C> MN@T1-DQ@2>78K([2^.>3P7)R'_"-BAAXT2@1@\-<8J0L00*ELHFYQ(S+:0FG
MH>7A;VL*5L#>#,&9.\?;,K#N!&>0P-@2W)?F.:3]U4H+X:WIJ--(ITDPG$(E M,Y@.@C2:.J",HV"0I&VG\#@@>J-\D%$$>P$R9)] !U^G8L4QJZ.! ,"%D!6% M0TK:T$R] BA @VI
0V#'E";)H@!U:@F&:!V>86LNB6+2)\G7(+)0W'L2;# > MLAL0]T<%T$@#UKOB&KT=1%H83&5HT'/A65.J %$EJXTAKT%3")DM@&E M25Z,>T?E^$S
4H((/."!ELVR%+1:4,4BLTBI_J.C!W('G=EIR MF&6D\)BP$_PCA0$)B'F4/> 29*?<5(ZQ@M3659KYU7^/Y/Y'@FD'#G-3"5:ZHBAPQOBEB1Q^-G9JO@
M+1/@8'V_U@>.@]O:75D%J#$\LS:QV]@^UX&/#O'H7FN-N8I.[<\7^RG0K^Z MQ(M=NJ#VL977[5<6 Q8'T6@43.,12])P'+-WW32*);,02IZWC7S.X]$XB-+Q
M!7V9LE_LVN=),@Z&*7B !)+7UPPL&A;$D%, UJ%:"W:'4V*.(+0I(FUB6R;HJ&OM MTC)K, J()!C2@H@'XU/T@G^!2+!F:?H]"![_V'CUO?=0KGOIXL%^BGJ<9L1D
M5A>U(Y3/_U.3NH6/?&OL8%#D_6"<-X,L3R7>7UX^'8IE'(F= 65 P/P%506 M?%TP7]'P07)(9=2JHD)FJ=4&DX.RE;LU 66;(7+WXE"R>)[Q/*MM?54;JO9! M\&C[E$G,H>CWB:>?
GBL:YY;WJ5X;@C88!;9K=R<+%8 MFB%'G0OKO6#*6L!GX!=08OLU:UY*@3DC'50(]IKK'/TSS^\-Z!P+AMK8O6R6 M2T1V8K)ILM>Y6*-/0U1;NSBMFU.EA4/L"40Z6]S-[[UD=
[O%KS[Z?BI MHK:3B"-[^WZD51ZWM+W3^6M[F+;)+Q7/*?RY5NNGUK?W(/L[=I-!MIAAY#F/ MH^\A8VB\[56YY/98ISV4G:&Z^[@'VZOOH'.^\Y\("$W>F>Z5TX:/Q1[/SX;@\P2#EM;!
< PVW*(Y?V MSNX=[:U6E9;F"RM PTN;0>)>A0*9E_+W)C]%ZY;E0G-(D&!/4)['9]+!9PK9 M3S09_67P:6GZ=IBZFP@ L1EX-1?\=_ONU#&GAD0NEQ)+; P"6"*T:39'V>U$ M]V9*>
["#>\&7)1[-0+VL>2'PR@+)"M7GC. [D]-.J!?9Q]FZZ0YUA[XN%!0 MG ?62"A<&[X0U7T "7J#:0MRW 461FQHX;H_MO<&1@P60X-B?-@W6IO/4P^(M^A5N.D9-R'ERXZ71
9V/JR;3M(5^@"!' (NG:3 7J&""7(&R&X=2"M>G1-0?WE]8V?;NU>U5D>V!]Y(BZ@.$S84]I M59G?GSZ[>UUK3?<[CIU D[/U46=:']L"\OC&UAZ'?0.=78LBQ1Z7*!<2 T/,!&
KXW#\DZ/KAW1UX(L M".JH)]15])%;U[DPOMW6M.>^I3UJJ>9+B"@XP39'J3%J6?]*1QT+3'Y/ 0'6 M-@HS'"B/\8*5S-PQKX\;GF@\P 3I8_#"]&DC,0;[RSCK6IL:9>"JP].B)WUJ
MD(Q7,F#-U>!'*+;%2R=:-(>G^P?FOD_:N>X")@.E%2&G5>XLZMRU(-W]%' A MM@)KSF2W-6_K)I5KZD(X,@+J8IL3-B2]4@3"HTS 1M-@N'@))U-CQ2%AU5KY@2&KT,VC.+S+Q?
@IZIL M%;!KK19@HQ@M*."7]LX<-F9?8^/6'8&'[,HG?X;G,+9U_FW82F(;PEXR^1L' M(P8[),D"B[@B%(\:[Z25>-F"[A0\8.K GYEYQY2[%FWFZ,M:]*%6AZ&MG)HT
M%0RJ,2IL1./U1:5;K>/F7DJ[(T"-1R@^E#]@NE4Y2!X)YCCC(7MKRRVJB!R/+4_7X8[(J5S!ZM*YMO Q#CY=$O W0NE MD4#W\-8<2R3V[D-L.G&PO=V]R:W-H965T2'[6S28 T;7$+]
(6FW6*QV ^T1-O$E4A= MBHJ;^^OWS%"2Y4>-?EW 7RR)(H=G7F=&A*\WUOU1KI7RXD>>F?*FM_:^N+J\
M+).URF4YL(4R>+.T+I<>CVYU619.R907Y=EE/!Q.+W.I3>_VFL<^N]MK6_E, M&_79B;+*<^F>7JG,;FYZ4:\9^*)7:T\#E[?7A5RI!^6_%9\=GBY;*:G.E2FU M-<*IY4WO+KIZ-:'Y/.%?
6FW*SKT@31;6_D$/[]*;WI J4PEGB1(7![5O

^V6M+![WTA_R[I#EX4LU;W-ONO4KV]ZLYY(U5)6F?]B-[^K6A\& MF-BLY%^Q"7/C24\D5>EM7B\&@ER;<)4_:CMT%LR&/UD0UPMBQATV8I2OI9>W
MU\YNA*/9D$8WK"JO!CAMR"D/WN&MQCI_^UY!I?+ZTD,6C5PF];I785W\DW51 M+#Y8X]>E>&-2E>X*N 2(%DG<('D5GY3X6B4#,8KZ(A[&XQ/R1JUF(Y8W.JF9
M^,_=HO0.SO_O,26#B/%Q$9005V4A$W730\27RCVJWNW?_Q9-A_\| 7#< AR? MD@Z 9:E47WPJE)->FY7XN3-.2CJ.DX6)UZI,G"XH \J!^*Z$=$KXM1(9[RZ0
MUDA(F$@:KV66/0G\"+L4MG*8(TO"Q:FC_5-?;-8Z60MMDJQ*85S;0I-K^:A '41.!-(KEY=BH?Q&*2,B7C::BR<%$,@[OX9"
M;"GA+989<$HP5:M/5="KT22L88/RVU87>HUP,R40>R"7&8TP;F=SMBHSDM.) M6&$',A_(:2D3G6FOL0U4>&=2+8T,VK>2R7-EH1(-S=E3.E5P&NR1TJ(6J9 K
MIQ2(TY>UO_;,$&8=-<9)6Y !(IX1D.WZJHD*J%\E?\"IGI K%[RC_JQT09B M4_J :$$;!X[3?T&)'>78VH!9:U9YL@]T-BD6N*>.Z?=@;%$&%1%72]S4IMBH ML#?)#_J2?

NJ'5P!)54+D1&L7WE|P#5&^1J`'80AP1'%;9^.TQR)AK$<@,AQV M+/0@V>4;_K^@-37@CB(=,-FA4HU3-&G7+,;MNY,B92"L}IX,.ZV2&)ZH@!,LZTQM=!+PUM6D<*

*=JQP.T*CC=:Q;:P"X9S6!R1H ;. ME0"F44N-_9G;NUN;("?$89+8"A:BD&%FV(.J4A;-MQ ?#.4JKM.V,8E0(,G M%D]M_;:.=V!N!&%\U`]P;J+^01&4911X,F-FA2.#G^#$A74ND*

*Z7U,3FU&-7 M_$#%[_4B,PG T0C%$&O!TQKFZ,0)5*OO'N!%;!Q3F.1D%EDW&7W"G&0P";VH MT"^Z(F;AF D2C!V;R%9O+$FJS,B+ZSA0L8FWA\-9;@ 8R6H#$RALB@R,A"> M6H[=RU8"L5LS^N+=URXSMB5WLZ8*);.DRD*. UMHUP0C/B<..7F;S:4O6Z>'ML]HI549+EJA\@8K4-+N\Y_]HB%,,VSGCMQ?>B?CE(,)E% ^& (,$4F1"K-%1P^=5D!&-!R]%%*

*U&M>S.HF=B,L$X+M%@ M'GK.({KOMPQ'PW-IFXZ&OE'*QL4G^HHK<>=/^71G]L\=>A= OMW]!/F()9\= M?:70Q\MG2 K<_];M1N&S.(;6ST0T&\,*

*(>U8EER^5^^:];8;IRZ&.P>%H*IP291QB* 1-5TS5M:SCLOQ5(MG&U;TLUV!%G8:B5QNF(:.? M=$*2FPME9#)8&A;B&(W?MP?D9Y&N,RWPG(8ROMO@>0YA-;'M7>_L4M$00).)Y*

I)4P'L0(M8I9R@D>ZK(F']? [MGI"II_*MG).KXU^TXCF7VA?!0.(AV842]@-((3\%.1{(WVUZ|@32JM_P.\'O M<<@Q#@.?

_"8^2%^Y^BNKTR_MI@:_.S3"!C5B)WSOCD_3&G@I8CG,!E5!PSA:0;%XC'<-@Y#,X]<0,(`P:LH7}BD<68RG0\@>=\;C(>;3 M.=F5>)

*<752@T=>%'!VF@!D+NHX&,.ZCP;31O,,9XRD'&2KS2'O1Q*VATSEJ M|X?]K,:ND[BJ,P$3MVI9\W!F/"8+-*

*$R)_7^:V[HX3QPN3MK@QCQ?/1XOEH\7RT>#Y;/!\MGH\6ST>+YZ/%\]'B^6CQ?+1X/EH\ M'RV>CQ;/1XOGH\7ST>+_^=!B9>?OH[E");(_R5*CCP -_R1M1]O_X=Z%OY[N MIX<_\7Y*

*(=/(U4PML70X>#GIA8K?/'A,!)1T4MZF_/M6DFT[30!IY2<+6Z<&4 MSTU-OUJZKWG]5^E>_-4U=E3I_+0I9+4|ZM<2|?-+00<E\)Q]T2O MA>CX :*CL?I %%9.O2ESD_<)O" .*

(YOCP.,U^%&/YKY0$U&F1H/QZ>/T)M$ ML2=,;_(O51@O2^P^M&Z>5&YMC;]OZ|FKJG)=_[GF!DD=/CBR">OG<;/3>O M3BA@G*GOS,GK?_]K=#;\X1$13],*

(IX]1_Z>6>Y3H<99!$RIH=:$^S@J[U @H MIP,]JU$K?6?4W-0- 8":)U=6R96U^:.U-?&E-GKGM=XHMS%SNI F5QM3VRIW M

_5E97HWVG)>M+E1154NGS>F7E/$S9I,%88B,,TR4Z8T!7)'\+*S756Z,761& M+)Q2)2Q3=Y]6;)V"C'9NPE+,.H\T8*$;=-.D"!)A VIBJK>>XHEJH=U_BK<)V M4S4D]4,.(.68>^L.,HR!

*[.309CTC P:GYC7(1+:F\&[:VC;PQ*VIS??]*=V]-MMD4!2L_4%UZ(IGBY0POYWBYP,NENEJ0GM3[GL+4T]$S]42-)MEX.!T,\38; MGPWYW;__=3$>C7_@[X:70__KC*

9GZG0Z&5RJ:38E;B]46UMJJ(6-ZM33\]3-U M.KX5'E_0ROKRDSQ_);32]\/=XY>:8F0Z(\ ]-38N"4 M_I_0XN//E#Z?

$QX]Z"0CHGQ.KQ=T^7B7_T_I_W'4T6>Q>&K9[I5M7D.+L8DITST@'8W4V!/>3\PED.IW2ZVB^U3]7Z[S8C82$V#DT-1%EHQ%Q M-26A E?

AW]M"EXU"]&U&Q&+4A;UWMQ8D:$;&I&IT.Z96T>NE5=`% 3:"EL'IF M"W&IZ>DWLD9]'IQ3J_G=/*+&4_+!(5WX1$VRT3G\ M@[WQ KJFG^G=A'\=99?3,?&%[X;GL

I]=YK\,T;LSWLN/M,%>Y&Y9\AP]BWU-MNJH;^RY @:@1+"R M=,_6IP-<)6ZS(VZ%"+YT,<;/D .A#"0@.1BF&M-5I9X5NYA?B!A)XRJE'>[=

*M\;5,GW5H!1LGQO*E>]ONE&0>QPL+6I+:=T?6 ??C0L_<5OZDME:B65JY-H1LB M3BN#U(]M26[IKFV^-.<,K=.W:D=V5N=:G534V:K"LJC-7GJM U8?P=%;UDEL[" *

*M>0N!!;PYJ93+ "B9# ^4RY@1TN8(!>UL;(;; 3Y1YO#ACK=[H-QBHI52 #W898 M:]4 4TFR[G*U83_*X4]5S(*;]/8C#&Q)8V:V"^9)PIMTY#U*M+36W]IZ@ I6 MNV[7G?STW:*

*(%RUW*_TAR/9:IZ5]([#^UW@+90FI7.V3GYS1\4V(V8D.XND3OI MVZ5&28#:OI8QA<\K7D=H4L6IHX,L.<;7]0E M\+76@)*

*<[1!U=)7IN9\Y2>-0PS\/N]XC|Z:HHT3^W^1<&'\H'#/BUX>*6- &O M"D[JB>Y 4L_]\".5&"NQY^M=U%#ZJ4A/"WM/OV!92,,!2E B):(B+EOL&Z: M'SOQ^%)>)MR>]:R82U_"VF-*

*j#2_1X=:=+EHPT)-MZF^YHDZ^F@YARH7[|=M;K(]Y2)9QZO;V*M$,@#!FI9N/1L.U8>O>+>U)-VFHL+4?T9G*G_D2)_9]JM M,8"YR05K8SRD>Q^6*<;.&^W2L@:>*

#?'8-&-9![=B#5XXK^+NEHS MLQGR15DEQD\1W9DJk/%I\IB*!^K7#5&F/$+A@G1%%0*O15Q4I>G\)N&,.-/K M&/&ERYU/:^IQ5F((JE$P4]H2)]>T8\4]703EN;RQ-0;74-1S[) .:UW1.*

*(0 M?^*))]?N\40N52^-1"H1*H 9W4*YV9B2FYU*Q#1WS.[2WN'+VCI1=T+0]R>(M;8^0_*F[HDLQ!]"9*(09VM35G(AC370Z)U6S1V0YZ?9#EOM=HWO,DM?V_=RX&Z M'JB?6DTZ:*

(QQH7HRZU@>@/EBT:,2{#VLP@GD'[Z2#€IU+W@^AW.#B50)@Y]["XH.@ETI<>(NEY+@M;]^LO5LBH^R5U$_'?BYZ_E!X6% Q"-@ +,(B&$]$ M=-.A!5T$M*SF3BVT9E=M+W[3Q-!*

*[^\%R|&?CVIH,6/WBN?NH4^P7H:_$VXSM&/T@E+9]K,/W+1D?(M9X_,V55K$T"*<1]\I+!]NK= D!K6_(U&F[<^']X1!PFY%EWM,(@"3%$4/.7EMYA4A,TKK_/?6^U.(T"*V=*

*((XGY=N.H8-W--.6I!4++#'@B]8 M'PLR=I6XUD#]V+4]MD3N) 2EMCZZ' G<&I:-YBRL1.FB4."FW8DCPN.H&P#L3AHD]WTNN- T65)147:V MP@[F.*2.G"7W6U)=U-RF4?-5]E]V*

*/CG"B96>GRK!%R6(@O(".3T@<4ZB.IM-M13Y O &'B'W7'[5@YP7)B-R ^,3V/8F6D F(M;/'FDM+(()'T]1O@-$1#FR*WC M,DAF)C=G"BY1/ (\CC6B@$-)!3*HCZ7.+.=Y6R8&IHBC)*

*(!91";))-H4 M3D/8!]@F.QRH-^6=K:L2Z8)^#HE1ID=)Z'$CWLY0>6!5T[L+VFL:7\%Z|_BM MO9@-M:W1V!?MQP= MOO$R>XRFO.W;&M%'2$>06U AX7-!U1.<4*Y!KJ*

.C3I,D/E.&CQ;ME)\U%Z2< MY,OS&A[57Y +4';S>16)"G>I&!?-JO;>BP36@4L2;4)3[-1++]8_'7KYZI4 M/9N-S\!2N3'''VTL,C^'' E$@*DWQI,"VW^B<'DK=GC!V:,F7=X #N) M)Q;S+62-*

3E!JO5]!J$1%<0G5TS_4T<_&7]?. =R[9BN_=39PT=!=B)SF3QG M/.(\".%1097W\9%9O_E88;C!+*0@9,$DXW'..!A?]>OMB^%#/ 23DR>F'>.W\.I$T]BZ MSV[L#2D4 5$X^=0J'

M\Z0<8[J6F_R9C.7\3"I6AA(%RSOGN2'H"M5%8\[A;9_309NX-4CUK(K\CH$ON8'F2:GETAX*UI7!4:T?C#>*7YF. %R85D;X!3[>;- MIYOW5X/#S0-N)2[(*U9 _&"_AF?L?*

*GR#M,'9A7(RE2A(6^ \;,,.$O&0?2[%(.M]9/4!5#W0/W'%\I%F90-CZVY"PZW,E1?\98<@MD!F$5#/.ZIJ>^@#X5L"(0^ M^*

A<"N"^N:WB%,.^,9:P1$$;NV4I5Z4<.DLG/>@CU?;C(_=#CXB2BLJ2JYBWG\MCQ8IRK6QZQD)P:0Z-]_H6XQDEXLR//L4*ZG:N G.CROZGI(8)VB3.GNJBIXE M^R 2#QIY!-(R=5R;?*

*D*_2DH@!FI2(IP\,\,'=JB8,WWP@3G?VK0$C4CA,)< MN'UGD#)-6A:,/*-2LT%S!V *>^FQ=/?!+P8^V@=L=8.0;6&9_A@?XP<&'GVXY M GFW$'K0X'-9ZS6(4*

M&EEKX'KKC+BB'[O;QP#NYY"I#D,@LD ?1:,:S!@PC[M?>1^GWSR$I(NAP 7& $W'/ 79PIB//ZW3!?IH*^#V@O-US4"=;5VG%R=$ M$/TSP\T--*

*RQD@JG.ARYQNR!FL0.X5Y^$\WRA@,#HB;VFFYY@8DV|%5U?[_II M(!G:D-I)2P5RF_,TR=2\9S0*S=LQNA:R>SO,,23:CF:1'0IA+:.8+[>&(BQX M/"<:AWUI[7.A3L.1P>!4@FP]KH]X?2*

*\69*GW?2[WVT=&%T& 7>_2WWVAVGE_MPM=7$P9MH$/_E3)^d!.;K,+LA3ACW18(C3*<%]>RO4?Z'P>&">B2Z4XY@^%!M:J92/1F-N@,R$$6&BCXR80Y^6*<.&^W2L@:>*

*HN!^_QA_OP^:-7%)(,.2X'8 MO\D!:#T(((""!0GOEN(8EN*9OG6)3!\ IGE0*ZC@_ZOA^<.<6V"O:LQV#79#M M'5OIVJMIAY<* 1=[/+4HI?#@^3OGO^\KBGS-DG2YBQ&BQ MJF-*

,3O@3N$[\$K(MT,QT@2D%A1.RK\^(!]:3A#Y#L$_X]ES8T9Z6)T-I@D M7AE;A!2N=\;77:'/QVZ9IWZCXP6_(8K]T#?4;_!,BIM(@8FTX__*[?7'D*

*MF8>M:J19DL(F%*RPK*$#\$;,3ZINBSUB7=V)08V,H>*$#8'B,"_(/<.[0\ MD,P.D[V)L"^?*"6IVH_WK?N!%65"BF0WZD]88RW5E;VM MZXTN?;_#H'>D6^Y$2X] 1.-*

$]&MR2AU%CA'/NN0>FRO;SH^@RWC.@1<,MKBDM,G<20K0[:(13@48.(@A4^.,D\YXT?H(:IQ+!2^*H(DO!NS=PETN"B0>' MFTO'MYAZ:P,B1KMO#F1[CCTT#|

*<$G.,PVFWJ]0)VO?KIQO9 M8+A#ZXG91L$G>+"QPFOR7/;V"F.O4GVDOA-P#BC/4C3 ,E0((=VQZ#DD$9I@ M_A"3LBC=\\5P\B)FOUI92S.A.'5>?*7#-CT/30A"[3R><)5)VP),/EK=W-*

[\ MTD4Q1&.F4RCNR1LD^,X=.P7GV\ 0_JP,&U!QCK62 ,G8[6]F>CN6!)S^_J2(M#"=(O/[%CND5#.#0?D>*!I,4:(-SF[+.&Z6@Z)=3NEW4X]55!2LW&Z MQ6IQ1#F(-*

'W?,2OD7T"\AVWLAO)1KZ.)6>OPFF!P\@%8W6--@Y^4YHE&8FC M!?8)FR"JK:5(")-T/KMD_$ &RLG#$C"WN2DY*G%YL2NLMEYIG,$(`MS0J_$[%__M?O)0"H0H]>N;CWSM ;

C\T(3EY"K9:PA+,V0=-@GN^XGHR#\[3 M??#.63(/(5'X7)!X-^R8G|ZB]'G:GPX,+AOP1_<\OOGMHZ>-[!GX_;;U&B=$[MN9'NIOP5?Z?

=$8S'^;MJEY@/$/62U0XOAFI_LS'E.WY(GS73Y$<6#%4#ZK8'1 MG)3H ,8C# 7P_N#F?4:.9LDUC|OL+U2"9RO^!LD^FTTCA;AHV>!<^O_/=Z:3

MI/A]E)&^(AYP%S07D:/N63#-.XH1'WEH/AZ=)SJ0$-IHRPW<6S.KXV^]](=\ MD7/NEH\$6$+C*,0]A?(F^(7#:)D:*NV0E!UO%QK(PCR1G5">= S4:M$.(?G4:).T],=ZOK=;?>

*<_RIDF3"S)+/I MTDC*C;D1IX*30YE_A[=,?1=Z_HU32D3DGZM"=AW?':2E*GG;XQ7[&4W!H|(H MB*[67?T F&*S1@POKC8U/,_E)F9/"4\N9S^<8:833*

M"MT3)\X>67>D,ZU4#J.B8$4=2]9+FWDBFZA[E:.5Y)OD.PQ>PHP5 G;2A'GU MXR);/C)IF\)OTFXV _A(LZU\'K8I..N85:KF78/NEZ-V$)OY0U?7N,D?IW]& MP|:\M

*!%9<++$TZ9:&BZ9I:(LDWHQ2O=,4:1)=XO'A,CE%:'!]+^@WSEZE.7I MLOY33#!EUR!4 #T=/&-X(LN5_OGQ_6#I*71;-2)S.F//L%T%B&CDR \LF25@W%=&USZD5HH_W*

(%G/|KME>,9H4$. M.9.8Q1F&FG*'7I.JMW=\%"^RF(/E^G3L[L^<" >ZYN>$.LJIZA<5RLMPT.NI M,>7D('#1"[C!!)T67->/$44^8(XK9N/1#;:"K_&@7W=;LCOGZ[^7BCW@_>*

M#VX&Q"ZELT)O-8_T!=N[=\|.!+(P\>,/=+_(OG##%0B+_G/3SAYL$/^ M1D/\-OZ%BROYPP[=Y?+G,.A#6")X"K.@6X>#\^F)^&3XT%0;_C,/%!%-M>.W M*Z,I/^""*&PO=V!R:W-*

H965TDX^:N=(64[!APW:!XDD=3,F3.'MY)#GK3;?;0W0'TCE9U$M7/KRR2Q90T-M[%>@\(_2VT:[K\IK5HE=&^"5=VID MDJ?H(&FX4-%]7,=NS'2L-TX!3>&V4W3&_PE8&L?*

M1EELM#Z.W6NJTF4 M$B&04#I"X/BY@RN0DH"0QG\M9K0/28Z/VSOT#SYWS&7!+5QI^;>H7#V)1A&K M8,DWTGW3VX_0YM.GO%)+Z]|L&VR'&+'<6>;UAG[C5#AR^],'1XYC-*

*(G'/+6 M(?>\0R#/\AUW?#HV>LL,62,;-7RJWAO)"463(P$MDG98LZ#ZCY$ZA9SCYKY6K+WJL*JF. !"GN M>>8[GO/\+.(]*&-69&]8GN:],WC%/N_"XQ5/X%&66H%RENDE^Y$*UZK4#;*

.,MJ=%E_\P6UAE<3_^>4B;$[9V.2WOLTJVY"9,(\2V8.XBFKU]E=@_3MF:QZ^ZQZ MY!|_>C;/H_Y1 UMJB?M7]!55?"&!5<*N)7^P#*.$K27<<<\E5B3GZ$

([5QNL72PLQ)S|PO(XPWQ$/6&<47738;8KA9HS>T<`|>F.32Z 8GXI^5/A&8XK(T[N&3(_,4GP'[M@G.|^AK<#+^NP0A|VO>8-'$K K<+RIFX$8=W$?=_(%5!

M>@Q;75"IT4ZIL,J@K0[I=1N@D+\)Y7*D,'K5Z,\R]^25LB)DRGA5AEJA0EZ MX?NHUL5SU3HFC*=*+TYU$^7&C\%!^UTO)>)LB1UD.92C> MIX[5:,V);PU46X2J2#.L>+*

0>/\Y5:631^=O V;E;QD64T3 &UL!5GO;]M&$OU7%KJBL %%%C`>)9)H8<)RD-;Z) M@SAM<3CO[M+)Q.9V=K]>O1^0N^Z$Y?V:%5^E;?6B$;==KV=R]4I79OAP%H_[&1[U<.;IQ

*M=OYB(\?]1KF?-A\:?#K;62GU6M56FUHT:O%R=!$\?Q73>E[PLU9;.[@6%,G<ME_TX:I\.9J20ZI2A2,++$0]NU:6J*C(§-W!M:(YV1]+&X75O_2W'CECFTJ|+*

*M4_VB2[=Z.&CB#;SO_PMZ_5^&3%E^K8B*B8"S":1@_82_:Q1NQO>@1>WV8'I7&-$[7 M2_'/B[EU#:KC7\?B]=;BXI:(,<_M1A;JY0B4L*]Y5:/S;_\6S*;?/>%KO/,U M?LKZ5^-?*

*F26O'?;UN&U"+H)#$2@GK#)$-^*-<"N%;]MKU0A=B^U^%RMAL&?>_MNZ8M0=]2R'KDI_!./X5R@K9**&KRA32]7(BWAI<,PES,EN8FI6 R6D6?,_] MU8>,RVOQ3M>FT>X.*

*3L%;51C>0BP05#7Q>(R,-B'=EN-MU*V]}BBG!2!R1KPWN!F/Q>B]J1&A;Q S&>@CL>,1[#=*EJ6F:&2%@W=9I4_ M+PX3<>$$Z*6B(D^*AVQJO:31)\+'4C]D!B%R[*

MGFLIK@>6@.G N<&3?N_D^+|ELE%+@&5Y>Y^B+N6+MJK(D65;497P=N5H9MF M6^.&;>=6EUHV6O&F]_J&LRF^EU:\UN"NGK<,WO>-:3=C@ 7).)&HC:HDZ NS*

*MWLCZ#]%\OAE'?W'T="]XJ7-X9T/JH]M774K:RW' M!/OPZ<'Z66H\.9V(-Q+,V3TKAV|W_FF">%!S!:=ZU=E.R:T*AF'DW5P[Q._MCJ0-*

%5^UY<.T="M_\/A9<<6!:4=4_S<7Y+.']1EWYLAS;V#<>;Y"GNYG>2eI M/7%W;G0QK%@(#/C4U<@GSM9P($JH54,/Q!3C38P,@B\K8%M[CG%LEYDK1 ML%!(D

*4HS;W.8",C251G[6F;AFZP$-9.>CY[8AAHDBG!*_!Q2*4^'F}4;9RP M>EGK!=R!(56;=KDB^DH2AKI)BM3*QH8D%8XLI5-0PL=-,.QZ_)XNL=LOW,, M^&#%Z-(TR"RWQ^:*

*<=GNX;&2#;5&|- MJR= "U+VRJ"^8\ZRB$,X3!U1SQW;:>]?F>-C[5!C;*RZ-6) U9>\K8@1%_ BI MK%N%)X4!6LM2OI[$X%KB*IZ[ME'>-)BFGEG>#,.?*

<4W'"O"V7RCUSYAGJ!$6N;U&3U%&[XEF">)8XJ8$F[&M3 M,G6.]G%@0C5:W4UVTU%?",VN^=KN_,.R4M[<8L$4>.:!?>W;K2F/4YB6Z'B#M MN^Y@/]ND'8VOZ=|\[2D9S[]

*52^E9]' -3-9P6&[W40P7(=-Y1KAM#V*2RY MJEK6(IXD.M0DFH#]2O7Z'HWB2*S'>PYV-V:]QX3%UE,<2S3\=20'UIK"Q\+:_MR#6\ZQC_4++Q@_S#.4.<_)FUQG #=$Z/-J&'#>>3<0@*

F'S<|^ZF9\@^EH^] MTV^^((&D"KUT?"'/"<3J-)J&_2H++)%%?).$YBW+L:YKO?$H233-"Z(.%]^#! M4=Y<,&-S9#CL#<\R7%U"XO-=^]$ M%M'==!9,8CQ+\FR2 SS40-*

*&I8UF'']EZQ_LPR'8S,8NQ M),Q"6&#)WU%-.[6VXB0X%2FVGP23Z%3,8'0?UI6OAF]&F9P%?^#'-%_ ?A:(#EW*CZ=0W5!(07VZ@)^$I+PGAH@?$C3>(G1/I3XLP-*

*N$0\N$+/T0WOP.+N0'ZU M.+3G(R3=W54UT8(8.VS,>U*W)$/@?^.%&GHX5'"]NY,"&W13\$6.8RZ'PGTI[4]\180&L=]QHW#/V!9XM?=_9O6?]1 4-@,R1 ? M,/&*C;Q#= 2S[,7;GUY?*

*BC>_MACYGI2#Z$^4@R@"0?@JG7*M)^-D&H,_C\E! M**;8 3D(GI:#F#CE#0XE.:T38\ MRZ98>2 '$6RG(LY)G+)9 AH]E(,.*I"))(7783++#\L?DX-N_96$0?BY+.8>R$9 M3ED98!B')??*

U(§\S;OXT& 18'@13+-HK0D"$$_]@! 1#0\5(.2A((II.YIF MRF@=2M@!%Y5A), TU"^5%/ER+\^IS%ER=1^N1%@2=[2K_]2I$*,_= MC*=!UN%.'I4'RC!-K>_QLW5'F>WKCAOD?*

Y1:L+C Z4W+ ,;4B_PLJ\LGK0=@_@-N- M#C#FOZ67]5MV_,"%M_\2\/G7O*1X'AT3ER-?L(@WW4L@2]/EL<.?D(O^S0%7 MF=>CDX1:YVGWNI(<&]?[X3S%QIZP*

*2]^9&#OQ_(0*A+LMJ 3YZ1]'0-W0SD4 M*4^&Z\#&C!C^%8/=']PJAG[9PQ>,<08@WM/RT&_$2!'X$0C_.:(39'L,P?Q3# M?I()(]+1W00%#&F:[##8CA-*

*4VCQ5S3#/Q1#WZ&@ZFG*_T]BZDZG MW,;I<'V X0D-8]<[_3]!BXQ.AV!B3,T>],+/X;+<(!EF!,7>B0[Y0 &.1(\ MP'R#&R7X&CXI]=!8V'ESC3;+/^12EX!<^E\[=W=WOQ5?^>)]*

(]\OJ#^WO'TK M;T6E%MB+"!A4&UNF>V\U^6%K1 ?WC51V'M7.M1=)8LL:&VYC MW.*B+QMM&NYIH.[:).0WR*1#.F; TG20-%RI:S,+9RBQF>N>D4+@R8'=-P\W#*

M$[7>SZ,L>CRX%=O;^-8-D,6OY%N_0?6I?AG;)P*)!H456H!'S3RZS"Z6N;\? M+GP6N+<';_"6K+7^X3?OJGF4>D$HL72>@=/[T"Z]02D!$,G[VG-'PI <>KA_9

MWP3;R98UMWBEY1=1N7H>32.H<,-WTMWJ_5OL]2D\7ZFE#2/LN[OY>03E5CK=-M]&!2T C5S?R^[,!8)K^ \/Z NZNX>"RFON^&>F!]Z,OTUL?A%,#6@2)Y0/

MRITS[%40SBT^N!K-&;Q'-TL<\?G3I.RQRP[+_H'-&-QHY6H+KU6%U=\$"0D9 MU++!'-4MVE/$:RQC&V1FPE.5'^,;#=>=/ -SYF';S7BI+8<"?4%MZI4C<(H]?W ME-

<63^;Y=HZ0]GQ_2D/=/SYT_R^8BYLRTN<1U02%LTOC!,/GY63]-41]?F@ M/C_&_]_8',=^16ZZL Y%9LU^<$[=B04I9&45!'V-+C9#V, ,/-0S+#@>B< M=)9&N&PO=V!R:W-*

H965T15 K4RR M^)TE+1 M2NF)2,. _>\YH/-(#GX\/^^#[^3+AEN\U?)04;EF&X-[OV9>KY22QM\V'VTUDS96^=;O=@<4M ^-?3\<1^'9X\Y^9 M M@=D M0?=P4%#YDGN^6AB[*

^.MB$\DFY=X9V!>'/5(=;9X M#N_1++1)\U-Q@*?B'#@UW0FV!JPK>;Z7'A7_7&^L,W9C_CH5B.*@X M?I[_1=>VXR4N(WHF%LT#1]L__V"S]*\3;A2C&\4I]M_/UTF:XR(_-0BUEO1. M?*

*0PSI"@]_8^Y=]QA>\#<:F6U M%\6M541 A'@=_R WP[T!RC]V&S0A\Q.AZ,I+2;_7GH5[X)O<-]F/T^D-@Q/H3Q#;;N &ST<8$ERT4.<%8.H^O(,OB M2Y)#=!2"4O?*T5LC+&\)*+*

[Q4%-8'L]],P7&R'Q=!D-+U:I$\1_";+'LC1@1 M-.(%1@!/GU&_]O'FJO2A-WLM%(BZ5Y6%WM+0WTYQD%[R3C@NQ3?:](B8$E52 M>)SIARHW=*8G<$DF\8Y=;/X\BQX<>%+5P4=N7*

AU(7/N S2VL4R!N-F2 MM$DVBPL"YJE'3C+FV3Y0(@YPJS@%1MLPI\$G33*.W &%(0'L^03, M&/7'IG_RK';U2!I\A;80 CF4L7%U_ 360^W!83[\(_(:;$L2*P)2@Y.(S!#*

M51XF3G>A$FZTHH[H.A@UI9&B\ >W76KO@Q\P?HVK[U!+ P04_" "B-4Q: M,X\VN-<# "C" &0 'AL+W=O!P^$>;&EM$Z5$E.3BY'[]#2E'.MB7&)'_IB4M3N<';&U']^U^;,W3$[NJ4,1?

1SKEF-AC88L>5L+%NN,;;C3:5 M<'@TVX%M#(LR)%5JD Z'^: 2LHZ6\[!V8Y9SW3HE:[XQ9-NJ$N;ABI7>+Z(D M>ERXE=N=\PN#Y,P16UZQ^]VY,7@:]"BEK+BV4M=D>+.

(+1/95>;C0\ ?DO?V MV9Q\)6NMO_F'+^4B&GI"K+AP'D%@N.-K5LH@<;W V;4;^D3G\\?I3^'VE'+ M6EB^UN1/6;K=(II&5/)&M,K=ZOW//?AG[/$K6SXI7T7F^41%;UUNCHD@T$E

*MZVX4]P<=GB5,AZ\DI(>$-/#N-@HL/PHGEG.C]V1\--#\))0:LD%.UMZ4E3-X M*Y[GENX:11#92<470NH[_PB;I4G=\0;CYPV.='#XH#YE6'F.Z'E:3T5===N M9^E377)Y##*

*P9YE^LCR*CV)^)&+I$;),.7#-#N!-^JK'@6\T0|737!?KJTS M.#3_O"1 :Y^]#.\OTLPVHN!%A)MBV=QQM'SW)LF''TZ0SWKRV2GT'I3L-.9O M.Z:-5L"1]9.:<6"NFQN@[6;*

(E49;2PV{^4PAPUMA2A^OGT/7NK9:R5(X+FGE M,'BK6P8:/%'H8<GZ0/QX$<[E:L^D-#K\C$G7]D=Y:.@\]ID MC3NA%-C8]RcUR_19=\331VD+I6T+-

*XX8!5G^BZY_*OP;^%Y;$3X;=H;@1GH, MOL>7$$H$$%D7JO6$0*%HC<$VI*182P6I\XMC?))//1C,@YC.AG'"5U:RU!% M%-|;:9*>HBI#@C:R%G7!I!B?&,K'\07E63RFY"(>O994$[[-*

!MQA09>71'% MXSBG:3Q|S#)<:...9>NV%7\.2 XZ?AO1:R6THW|)9 A$GDSBC/ '5'#O?M*;8 M>>0"%]K?AK{(AW.J 04Q-^S/",OJQ$/G^5GZGMZ|F:9)^J$?L\\M- O(^&3R6O7;]*

[_Z+H;)+_HE11Z=83 M>4M9/H4D&$\WIR =+28+L.1!T_+^\)HI|&04F&,]@W87$'" M=" _KBAG'R\$A'-LH.$.WR#[\^N3">=09}*=BX.TMIR[_4YWB#D /^%@P)&3 MJ2]]>0;/&D?*

*9AO:HX794*_K(?UJWX$ON\;S%-ZU!Z_";"4.D>(-4H?Q9!R1 MZ5IB]^!T$]K06CLTM3#=X5\$&Q\P]M11S>'!;]#_+UG^!U!+ P04_" "B M-4Q:"H8B/'$" "=!@ &0*

'AL+W=OYUXMSWU=YB151(U$C-SMK(2NBC2DW OJ|HEDL*!^N9'03#Q*T*YETZ=;R'3]6@THQP7$E13540^SI&)WH[^]%-);?LQ2T0]ZHX"!Q/?,NPO,LL?$NX"?%G3!8@^UD)<2]

*M-:Z*F1?8@!:AKBT#&;\;M7B)CEL$4;OC]/I4%GBXWK-_<]V;7?E9$X:5@OVBA MRYEWYD&!:](P?2MVW[K9VSY*NC1TG'N2-T|+JP MPLD+@*@*#0+1 \!+V6(.T#\5D#2*

*=RH_;85-X>,.)).I=B:!M-&&S2[<,!W:M$^Y M/?:EEF:7&IQ.%^01M@H6*-TGQ'.$C*J<"=5(A,]PM\S@^.@$CH!RN*,F<-2 M4U^;U); S[LT\S9-]$*,()KP76IX"LOL'A*X)N:^*C?*

>'SZ%7&#/,1Q.$G MB((H&2CH\NWP> "">O1T>O=)-W!]#|/CB_SF&H7&W=,DPG=6*>$0.% M^C^0%#. F^#(WJ/B0CC^(90Z@0NM)5TU MFJP8@A9P0Y>BD?

*G@3%ON4\=MY7*GDZ"D?FXMH?#&H@*DU"\-"K[-^HL2$9A M'|6VYQ)1A);01&[&PO=V!R:W-H965T?[9EO)AZNA'Q5"8 F;UF;JU$GT;JX\3P5)I Q M=2$*R/%)++&3&--[*A:*

<"2RR1EG]!,[?]S+&\|\YX;,>FW M0<\8V#=^:,]&_V\GC9.9,P9U(_^*13D:=ZPZ)(&9EJ|_%Z@=L)F0D]5]95>]V !M!QT2EDJ+,&,.##*>5[_i;.0.P,?_4&,06-*

Z5(\ORGFDV'DJQ(M\C6CF MPD[56B,YGIM=F6F)3SG:Z?$+#KF\$DKQ(%O%\0292LGP!N.Y:#3V-'LQ[7KA! MNZW0@B-H-"'"/(M>)(M_R'"$)] ^IU?R"+;_;P(EX#^$%Z=(S$OC!)5$)DZ*

< ML-UZVET+VST"VS;=,S)?DX<\XDL>E2QMFWT>MD..:A+H1A4LA%$';T2!7$)G M_.LOM,__YJ!\65.^=&/'YD&R5E*7D!FBHBX;<_;2+MA7Q(L4@Q.PV49O,4*

*M,*I5^D/<%&'YFH2XHQ*$!Q>(YTK+TN83,I!D);G6D),B93B &D$TPBF&^A=.ME#),,&,.UR<^$WB++R#$LT8L\ @1T1Y#A6B!=IJK>&TQ6!QSDW28LB;)4 ;*

M$(GXQG=,GDOT0OUY[YQ^",^:$6/W]0U=XF^02:AQ@&FR HEPD2@T>L$=1AHD MXA)50>$;`M^6 .VNE.C#^C.CM$SY%IO6=37#$R0XV-\&F$M LNF;780NS,;|_|"_U^)HN%

*MA(5Y\ZFTC-!@UJPL+N8MD.EF_2.S&3.11F26L%5.)C@9[=#5MWKB/W':9(I! MBV*0ZS-REW"(R7>>LSPT,?='M3"&4H|Z-A5[?MJD)+?0;&<*W*_V2'KL79) M~ZTN_3-_$/QOEW8=S9!=6A/"**QKPE(E,"1P/] %@I1A0C $4H[3C\R*VZAB M:,]/5II%M0&SAXB4#!UTCN%WX9"!7BT#/6>^/HG\?#KFMO5AQ?.S<^->XK?=-D!/H@V5H4-,HW38{OWGM4Z=9NQFVVOR4N)COM%G67 M6U,F6JFX{8Y+|?[?$>%V<0\;IL&'LMLA.R<0L9EPI0YMVCGJ;+W&=;TUU;.5 MB-N^KFLN-DVG1MT!U4$U;^?C1JBNQFVM4/4S*H6[YW-^N^K)0UDG+#!-3'"KAV M|=^TJ134+>M-!S-9.IZ:OK.54H72MRCF$W.')'QG88 R|99OU{IAA0MVH?}ALN MN75#?52\FKI KS|#<>EG5 G:EGJE/3CDNLV.]@7UQ=DH_Z!6\;/:NX)NVT/ MZB+1"'_@%O /B.<)Q!/B&32Z'KA5^*1XGK!O6G07G4;+ [<6OT,]3R#4'PHN M/HV:!VXM?J]ZGH"A@_XI)0P;10]*/K[U'.#LJ>>/GXK':BGMW-^E(%(Y,+CI]#*<1HZE]<(0-9G8Q5-UH4]C1] M+K06F;U,@&&'95[Y[$0>GMC'-3GD^/_%!+ P04 " "B-4Q:/*4S.!$" M #=! &0 'AL+W=OD6E-!Y,".I\Z&IB6T-4!9!4I L M259TG#?<>UG2ESW3G!%>P.IV4U/S<@M!|@5-\7+CC=>/"BGSEM9P#^\YS MNS,^(A,+XQ*W5<'|+U=A'R8\(7#KT]IF:/@9*_U0PAN6(&3(@$5"XP M4#!|PA4{$8B\C!\C)YY*!N#I_,C^/GKW7O;4PI467SES38'?8,3@0#OA{G3_ M 48_R\!7:6'C%_5#[G*.4=59I^4{|@HD5\-(G\9S. &DJV<V0C(HNZA4%1Y M31TME%*W\!4$L#!!0 (_*(U3%H6O;81"0P M_)\U_9 >&PO=V|R:W-H965TL96DZVG2>.RT^Y#I T1"$FJ24 !0BOKK^YT#\")+HM,:)}AH_M[$84B7/|SI76R5:XTZ.Y]XM7@X%+YBJ7KF\6JL"=J;&Y]+BT MLX%;6"53/I1G@1'Q\;-!+G5Q=';"WUW9LQ-3^DP7ZLH*5^:YM.L+E9G5Z='PMJ/KB6L_FGKX8G)%*7^Q97%U;"FDNI<%4Z;0E@U+3!TZ'{ZZ&+Z@_S$ M7[5;N=@6C+LFEB\OTI,B8)%*92CFI+D)AGJ<8JRX@2Y/@2B1I5/.E@^W-%M_1TK#Y4FTJFQR7[5J9^:"KTX$JF;RC+SUV:UBXH*/25ZB73$$X7 MY)4;,W%7XYP_&Z\GRC]5E%;[M:C6IE9D_7\ ?AL^.7W?!H]*36Z4D7!0/.O;(F4N(RQ6T]?:,%|$%(G)894YY8"E$LF&-@MK9E;FPL^E%[I(MLC)5=&8IK5:X;Z:B?C8!]"P")3!0DC#L$+M.SPJP|4;HJ#+T93OTHBQD+/SC ME=4RNR.!A3U=`S91M3":)%A(ZXE]I>,//[T8#9^_=H*4M L<4WPVDF=2N-B0 M0.[N@UZ!-@GD!"BLR07<3$%#\ RR4{2.TZE8BH1;&DP'Q(/R)3$M< MN_0G* @<DZBZ3H29_#TR[PD+T7:6'C@_5#JG*.4=59I^4{|@HD5\-(G\9S. &DJV<V0C(HNZA4%1Y M31TME%*W\!4$L#!!0 (_*(U3%H6O;81"0P M_)\U_9 >&PO=V|R:W-H965TL96DZVG2>.RT^Y#I T1"$FJ24 !0BOKK^YT#\")+HM,:)}AH_M[$84B7/|SI76R5:XTZ.Y]XM7@X%+YBJ7KF\6JL"=J;&Y]+BT MLX%;6"53/I1G@1'Q\;-!+G5Q=';"WUW9LQ-3^DP7ZLH*5^:YM.L+E9G5Z='PMJ/KB6L_FGKX8G)%*7^Q97%U;"FDNI<%4Z;0E@U+3!TZ'{ZZ&+Z@_S$ M7[5;N=@6C+LFEB\OTI,B8)%*92CFI+D)AGJ<8JRX@2Y/@2B1I5/.E@^W-%M_1TK#Y4FTJFQR7[5J9^:"KTX$JF;RC+SUV:UBXH*/25ZB73$$X7 MY)4;,W%7XYP_&Z\GRC]5E%;[M:C6IE9D_7\ ?AL^.7W?!H]*36Z4D7!0/.O;(F4N(RQ6T]?:,%|$%(G)894YY8"E$LF&-@MK9E;FPL^E%[I(MLC)5=&8IK5:X;Z:B?C8!]"P")3!0DC#L$+M.SPJP|4;HJ#+T93OTHBQD+/SC ME=4RNR.!A3U=`S91M3":)%A(ZXE]I>,//[T8#9^_=H*4M L<4WPVDF=2N-B0 M0.[N@UZ!-@GD!"BLR07<3$%#\ RR4{2.TZE8BH1;&DP'Q(/R)3$M< MN_0G* @<DZBZ3H29_#TR[PD+T7:6'C@_5#JG*.4=59I^4{|@HD5\-(G\9S. &DJV<V0C(HNZA4%1Y M31TME%*W\!4$L#!!0 (_*(U3%H6O;81"0P M_)\U_9 >&PO=V|R:W-H965TL96DZVG2>.RT^Y#I T1"$FJ24 !0BOKK^YT#\")+HM,:)}AH_M[$84B7/|SI76R5:XTZ.Y]XM7@X%+YBJ7KF\6JL"=J;&Y]+BT MLX%;6"53/I1G@1'Q\;-!+G5Q=';"WUW9LQ-3^DP7ZLH*5^:YM.L+E9G5Z='P M

*M^.-3P0#.NWR\)6/O? M')\OHPHQ*1?@TBY?3+-C3_&>[6ZR2GQ^; M3?=#M[X[_<0%3[CP7F2>Y?DL=Y4()8%>*.MS7#M5\ER[E0?"KRP4N;&"[-RDL[U1>Y\7&'Y8;%-NO=O5UL^/>W?O<&K5985 M^S:%TA241BB:K8IA/=*)"LD1C)((25-0&[%HMD1"2R1>7TYX1K0:PBL",LNE M>PFB0G%5G@7HH&X;#Z7QI6/G1OMBU+VRO[RY2+E>)W69WZA-@A*4U ;H6BV M'MH*I=E4Y80U6=$2(6D*2B,4S99(N[>4MV\QOH9'18N"I*G4=X;B+.>ST]T] M@;BJ*F8]HC#5_C#E#>)5NWELNR0VR_RV8798?G5TD M34%IA*+92FE+FY93526HEZ%)1&*)HMD?:S*>O(1E[D0.WKD6;.H;E[?3,8 M0FR(G0SM'U/>0 !OL/& Z$SXGF_N[3D&@[P+O8!{%'W>46CO*CO&/.!BT?% MIN9(XU,3#')3$PAB4J,-G&#=Q^5/[!Y_O/IYX/J79T3G!.K5H#1"T6DMU%<3 M8J++?-)]X* T!.41BF9+I"VCX"WCJ-!T/"-;#>E?@A9YYF[VJ6!,3%U9DRKBJ=\YPS:\ (/2"$6S1Z"T"93SB8J,A%I"*$U!:82BV1)I M,RIY,SJR/";.#52KWA4P]TPQR#KO]0%@Z[Z[3ZW")D=H6RH$67KMZ M>OBT7 S8=)X2G1FH!X32"$6S]3#&*2>,I\0.5&(G*K$CE5-T$J6YHA(P5;63A6* M$KO)#QPBC?:=G1YM&R5N;I-'12?*G\@4Y5OZ(ZW!,"G=;64*Q=5YVOOK2-LU MR<]X?EFBVRYMFO5MVB>JN=5[_!\5":@M((1;,ETMXRX[WEN.("M9=0FLK\KFLAO?KC&\^B3OLZ M"9FVGAEO/>WR\^KY4'ZUZ#Q#VY=0&]%HMF[:#V=3M2\SJ/&%TA241BB.+9$V MOAF@?;M3]6ES*$F%TI34![A.+9$VN3F@"YESXA6P^\LYC+U.@O010E%L].LC6K.&]6! M*A4]S<4O%ZT(M#L*11&*9@NG770^57"C9[JX)G1B8(:6BB-4#1;'6V0\V*JMR@+UPE":@M((1;,ETEXXYWO#XRH+U/8>;?:B$$P3I3>]G(HKDY[)R]R M;4+S 1/:/G29N8:US?GEHM,([]5BP*L& M2\Z8GCD/CGWG0FD*2B,4S99(^]QBJL]\%E!'"Z4I*(U0-%LBI6@+2<4;T M&OYG-,O2_^Q+(<"S*2L\N!<}6?'=ZI'0/K(8()%/5XQZ#&GA&MAC\)+(1_Y%CF-6H$KQLD_/(Z"Q! M>[!0&]%HMCC:QU93#1574#<+I2DHC5 T6R+M9BO 4#'/B%8#:ER/-.LND^2# MABL[+C*9_/;.--3B(S'?O*>TRI$K^Z8\XM%9QS[-%#LXT"G;,=6VA%74\T? M5U#O"Z4I*(U0-/N1K=K[UH#Y8YX1]T:M3PR['?/A$&)#[&1HEUGS+M,V4V,Z MYCPP.C-09PJE$8IF2Z-],CW5M'$-],E0FH+2"$6S)=(^MP9,&_,.:#6D5P1* M]Y.9T!4)1;-SK(U]S1M5OD)%M\OYU:+5@/9B8J1"T6S=M).NIYIHK]^<&DI3 M4!JA:+9$VD_7@)EFGA&MAC\)+-BP5]&PP!9S((S98JZUBZUY%^N8KU$-HJ872"$6SQ=',N)YJ*+F&NFH34%IA*+9$FD77 .&DGE&M[!YY%FF;>Y M7/M3QZETV^4A5Q_SA]*YMI[OW.)^?GV[MOM'JON'1K;NQH@QZ8+BU-8',%P MCE"I(=14X\HG,DPH]$/&X@B&4!2+PF_MAR)F9.C7]%PJRKDU,_M0T/0HN_A# ^E<&LGA_:E5;D9VLP:8\,F"IF"Q.(+A'(DR0Z*IIHI/9)A04"^+ MQ1$,YPB5&T(!9HL'(/&:0,WK" <<^Y9Z-<;)7&-GCK:95B5[=SAI8+3I-T(8N M%@:0WU8CRB0P3"FI+LI3B"X1RA*D,HP"#R_"1>D^&D)X^:((3[&24EM-MI(2WHK;C&M/@&B#&YP?:BL7B"(;S!4H-2YQ.-8I\ (J.$@N(4%D$_^AKUYQ@2Y),)R3:,/2IKRE=:Z51NT^#S#C\PYM^F)Q!,,Y$AG& M.IUJP/E$A@F%M==0',%PCE"&O4[YIO'(IHH5UTD? ^O0J,88#X]_(T/;NE@F!NGPK"R@K>R;L$9VQKCL?'9PK9VH3B" MX1R5#\\LIAJ /!%A0F'=,;1',)PCE.&&\6 ,>@ 2KPG6^_K_OLO=Q4WEE:1 MV+S7BPG#] K>]+HEZ? 4],G(!^'QCV\-0',%PCGZ&EQ93C3N?R#"AL)89BB,8 MSA'%L,P"/0\ (G7Q+_ YL>-/1Q#?(R3$L.<"MZ<>OYK5)N,A\;G"&MJH3B" MX1R-#(LIHZ/%A0F$-,A\;Z\)PCE&&0!6#V>0 2KTE@8CGW;D*(795@.#O7 MTO"XDO>X@X4K^N-A RM&'P/%*2R.8#A'0,.(R\G&K"76BT-Q"HLC&,X1RO#B M$C%FS4/B-0D,IGO;X2H4%MJ_#H1Q ^]?2\+ ^-2] [^^=QO7L^>Q\>G",F(HCF X M1R7#8$W\&S2+PKO?:BA,RD"M"=!* M@^,DQG"ODG>OO]ZWJV;]6#6@=CV_7'P6L5U@*(Y@.$<]PVC+R0:I)=9M0W$* MBR.8SA'*<-L2,4@M_=LJR\]M&5<#:\7GVI^3EE[K+/#2NDNGOD^P2L/>2Mf> M!@O0J#X]#XY_!V/;OU /)H] SK/6%XA061S"<(Y1A?3/$%#0/B=<$ZW*/.+8]QL8XV3/\:,:[4,.0 MO;XMS8\6GV5KPS+*(QC.T<{PR]ED](9UAI#<0J+(QC.$)\?Q]81@ M6[Q0',%PCGB&W\XG&[?.L;8;BE-8 M-1WK9T(*I_6SHWC&K.&\]PCE"&[V18-1WK9T(*I_6SHWC&K.&\]PCE"&[V18-1WK9T(*I_6SHWC&K.&\]PCE"&[V18

M%JK9J.:@FHMJ'JKYJ!:@6HAJ$:K%J)906CVJE2JJ_]^M8NT%>@V$7+>RAFH]J :J%J!:A6HQJ":75H[7J25-[M]J1U^^S;=K5WGJ*-:*BFHYJ!:B:J6:AFHYJ#:BZJ>:CFHUJ :B&J1:@6E]IQ
M[9?R^H,QWMQ#G*I:S]NJ8:UXV):WY[GTZYV0_#3[*O+BV'5YFZ6-/6KM3N^$ M)34-U714,U#-1#4+U6Q4K_9 M7[3+#=4T5--1S4
U$]4L5+-1S4$U%]4\5/-1+4"U$-4B5(M1+:&T>E1776YJ M^PW1SG_UMP?*VT1.Q#R=+J:+6^G\,9W.TJN9D+XLLTURIXOKYBE@M,$-U314 MTU'-0#43U2Q4LU'-*;5:7\!D/&Z<)4:
[UU#-1[4 U4)4BU M1K6$TNH17'6O MJ>W=:]NC94-<90]I]DU2U,:(15O64$U#-1W5#%0S4>O-^ MJOFH%J!:B&H1JL6HEE!:/:JKSCJUO;/N8CF?+Q?EAU*>W]YFXC;-A729SH04
M9=,],Q1H8YVZV[C3R:3AO>?&EI81S4#U4Q4LU#-1C4'U5Q4\U#-1[4 U4)4 MBU M1K6$TFJ!.ZP:ZX;MC74]CHVWU[@U17![E;X1C&H:JNFH9J":B6H6JMFH
MYJ":6VJOIYS'X]%X,GKSF0@>6M9'M0#50E2+4"U&M832Z@%;?9X2':+H=J&JKIJ&:@FHEJ%JK9J.:@FHMJ'JKYJ!:@6HAJ$:K% MJ)906CVJJZ:[87O3W0_-#K>;O3-Y]QY;RF0B-
\T.HX5U5#-0S40U"]5L5'-0 MS44U#]5\5 M0+42U"-5B5$LHK1ZX5===\?]9H=;J_2.8%+34$U'-0/5S%)[M/:CFHUJ :B&J1:@6HUI":?4$KOKMANWWC=LF
M*6XS\7\2F22,FZ,6+27#M4T5--1S4 U$]4L5+-1S4$U%]4\5/-1+4"U$-4B M5(M1+:&T>@Q7O73#]]MCW!!MJ$,U#=5T5#-0S40U"]5L5'-0S44U#]5\5 M0
M+42U"-5B5$LHK1[55<_=L+WG[LMU5WW;#]+G34'#':6(=J6JG59DZ' MD]%D.*G_T.EH60/53%2S4,U&-0?57%3S4,U'M0#50E2+4"U&M832Z@%<]
(U4%CPJ)M*BFHYJ!:B:J6:56FTZ4&^^$ MA-9U.M=UT;H>JOFH%J!:B&H1JL6HEE!:/4N5*DO;[S$'3?^V5^F=KLKNA.VH MJ4<#+:NCFH%J)JI9J&:CFH-
J+JIYJ.:C6H!J(:I%J!:C6D)ISP%\M+H3(M?2 M/#T[G8OL5ER(V6PE72\?%OEZ\N'5LU(FOA0!+7\\5PZ.=IZWY(^VW/"\(W_T M-\\?5?S9Z7UZ*_PTNYTN5M),?"E*#0['Q?%)-
KV]>_DB7]Y_.BA^W5PM\WPY MWSR\$^F-R-8+%-__LESFVR_6!9Z6V=?-YIS]#U!+ P04 " "B-4Q:G$OY MOX\$!Y(&0 'AL+W=OC/B);CJQ: MV]E-(E%\'U+G94CQ,.,=%R]R!:#
(CR1.Y<18*;6^-4T9KB"ALL?7D.HG"RX2 MJO2M6)IR+8!&N2B)3<>R7#.A+#6FX[SL44S'?*-BEL*C('*3)%2\WD/,=Q/# M-MX*OK#E2F4%YG2\IDN8@WI:/PI]9U:4B"602L93(F Q,>
[LV\"^S@1YC:\, M=O+@FF2O\LSY2W;S*9H85M8CB"%4&8+J7UN801QG)-V/[R74J-K,A(?7;_0@ M?WG],L]4PHS'WUBD5A-C9) (%G03JR]\]Q'*%QIFO)#',O])=F5=RR#A1BJ>
ME&+=@X2EQ6_ZHPS$@4!SF@5.*7".!>X)0;\4](\%@Q."02D8G"L8EH+AN0*W M%+AY[(M@Y9'VJ*+3L> [(K+:FI9=Y';E:AU@EF8C:ZZ$?LJT3DW][QNF7LG% M7_9:!,#X0LR5SQ\
(<^O9!93*:4+]?4#BV,]?N385+JO68MF6/;KONB7*?&9ZFHEHOI84#R$-@3R"(/-LXF@RO;6)KJ9CPCQ,F()"PK8,(=E MWQ3;J6U9UMC<-I@YK,P<=C-S7DSU?VZ45#2-6+ILLJ^
N@==&5B'?2E\>5_K MJ(9W%L=O?86N442"U:+M5M%VNT7[*XTW?11M]]WP.([V M61R_]16Z1AL)5HOV=17MZ]9HST$P/93OR%'8FT+<2NHZ'V'"/$R8CPD+D& U
M;T>5MR/,;XP1IKV8, \3YF/" B18S=Z;RMZ;_V-9:H5VM1D3YF""?$Q8<-.\ M!)_XKK"M_=;3ZF:AQ[8L@C22^R]#70AAK"^:]H#W90,W!UUS1CUG>+3NM?>C MJU&H-
!^5%F#1ZHX>)!/L<];3^W/6TW94US]%5)J'2O-1:0$6K6ZQL[?8P5Q6 M2QJ6RY@T#Y7FH](("+%K=Y7U^QF[-#^#LX-O;Z.Q]_]WNQ1F^VPEZJ(WZJ+0
MBU8W=9^5L3NF9;JOMZA)F9)V4_NP<-\MWY[=D-9PCVOYJ'T+L&AUJ_8Y%[L] MZ5(NI+.S%E+,Y,<,E>:ATGQ46H!%JUN\3_38+NI"BIETF:'2/%2:CTH+L&AU
ME_<))KL]P_0OMZGMU,YNHZ:;4&E^23O<78[<;&&O3^\!5JN%C^;!B6D"8IF? M;4L2\DVJBB/!JK0Z/[_+3XV/RF?VK5><@N\QQ:'\ Q5+EDH2PT(CK=ZUGFY$ M<&UL
MK511;YLP$/XK%JNF5-H"@22;,H*TADVKU$I1HVP/TQX<.()5@ZEM0OOO=S8$ MI1KM\M 7N+._[[/O@[NP$?)>Y0":/!:\5$LGU[I:N*Y* GXR:-1)3$PE M.R'N37*=+AW/7 @X)-
HH4'P=8 6<&R&\QD.GZ?1'&N)I?%3_;FO'6G94P4KP M7RS5^=+Y[) 4,EIS?2>:']#5,S-ZB>#*/DG38N<(3FJE1=&1\08%*]LW?>Q\ M."%,IB\0_(]@GTL(.D)P+F':$:;6F;84ZT-
;-8U"*1HB#1K53&#-M&PLGY7F MLV^TQ%V&/!U]>ZB9?B*C#?Y/:Q,BY27?H57NH_*A,21C$DP^$-_SIP/TU?GT8(->GT_W MG]-
==*^WT.\M]*U>\+J%UB[R^P9WR;6&0OT9,J:5F@Y+F1Y?J(HFL'2PB17(M SC1^W>3N?=ER*:W%(O?2.R9A4%O8?":>K2N99)C]Y*5*+7$64!N&-TQCKX. MF=B*S:R8F6N'R
O=PZDS_T7$_R+FLQ[2%N&>M)69@;=4[EFI"(<,2=[X$[)E M.U?:1(O*=MI.:.Q;&^8XBD$: .YG0NAC8IJW'^[17U!+ P04 " "B-4Q: M2UB]=3<% \&P &0
'AL+W=O'PG]SK8(VS<(M2B#KD!U*Q9,U MH0GDXI)N;+:C"$8J*8EMSW%\.X$XM:9C=6]!IV.RYS%.T8("MD\22%]N44R. M$\NU7F\\XLV6RQOV=+R#&
[1$_.MN0<657:!$.$$IPR0%%*TGULR]"3Q/)JB(MOS ZLI/?0%)9$?)=7MQ%$\N1/4(Q"KF$@.+? 6$^A(O)#%3?\$QCW4L$.X9 M)TF>+'J0X#3[#Y]S(4X27/^-!"]/\.H)O3<2NGE"]
[T)O3RAIY3)J"@= LCA M=$S)$5 9+=#D#R6FRA;T<2K'?(I%'I\NMX3R3T^()N"64)&,TPT#5W] M2J$'>:.W6:/> M&XVZ'G@@*=\R\'L:H:@*8(M.%#2\5QJWGA8Q0&$'=-
UKX#E>KZ5#_>G=UO2 M@_>G>QHVW6)0N@JOJQT4+@".HX3]TZ9VAM9K1Y.5XX;M8(@F MEB@-#-$#LJ:__N+ZSF]M2ID$"PR!553L%2KV=.A3)1I9@SE%$>;@,PQQC/G+ M-
9@E9)]R\.>>,P[32,SX-E$S\+X"E]7S,'7&]N%4J1]&!-H.7DB_7]#O:^G/ M29(@&F(8@QW<(0J(GF^&-CQAXSN]CE_CG$7Y)U&NX[LUVMJ.74C;+VC[6MI/ M%*9LC2@#LS"4XXPB()9'
!E8HG OYL))H1-S@3$B-))1]QBNY S!2-R?BP+X M(D+RR=(FF-^0HCY!_(:DW>Z@+FF@Y7.A6H-"K8%^DD"V!6M*$K#&*4Q#R5@M MQ4J&-M:#]W":-Z-&#=
[:GEW(>UCP'FIYYW.#">L2(GR JQ@!)J>'X/T?5(YD MC=H%&#:HN9U^C7XSQNL,:O2SF$$EIL2IL!H5K$;ZN2]6##&,JOOW!+8OS:.6 M-]BIS]Q1H[0U@P)M9RX<0-)K/,@-Q)\J@:
(>#1U'I6B72XIUK(7(T*4)9 M&SN.7WM- E.M5E7R2I4\K4JY-(S3O=C)\.NJ3-=@R=6ZL!"KJ'@L=D&MRFG; M.%LYKUVY7GV)-=5L5;K2H+I:YU;6S\>R?
BXHV5"8M(IDU*$:10M,H565+$VJ MVS/J]5U#GC*7TB1:8 JM*F5I>%V]XUTBR-1Z<(^3-U:"%OLZJ"_>^E;.UN1G MF&&W=,.NW@Z?[(6KM]R/Z$#B@]Q@A-F&?%ULR!/XC)-
]^\HQ;#K18=.\M43U&WY5W\%+ M!2C-N:MWY[6Y= V^J8^2PF',#H@*>U'W'Y"#!<$IEQ_;GG#2;C]&K8:A-^C6 M)6H/[#=-V<^P]5YIZSV]K2^G2>V[31M[/=:YKYM1M,
46E7'<@O@N48KEV=T M!V 4+3"%5I6RW"=X^GW"994K!_U!Y=(W?;901G<%]LFQ@C 1&W4\PX!R_MFG M^>)N<00T4P24,-FYT@.D&YPR$*.U@'0Z R$7S8YJL@M.=NKP
M8D4X)XGZN44P0E0&B.=K0OCKA6R@.#";_@]02P,$% @ HC5,6J0^)]X; M#0 6:L !D !X;"]W;W)K&ULM=U;;]M& @7@ MOS+0=ACQZI:O3L_+^>/:AF79_E* M9?6_W.?
%,J[J3XN'\W)5J'BQ';1,S]WQ.#Q?QDDVNKKD4+=OQ]]<-[)T&L&;+?X/5%/Y<''I/E6[O+\C^83N7@_&C=[I%(UKQHB MKO_:J)E*TT:J]^//%AWMYVP&'G[\K+/M-
U]_,W=QJ69Y^N]D43V^'UV,R$+= MQ^NTNLF?A&J_H:#QYGE:;O]+GG;;AOZ(S-=EE2_;P?4>+)-L]W?\5_N#.!C@ M'!O@M@/<4P=X[0"O.\ [,L!O!_BGSA"T X)3!X3M@/#4 9-
VP*0[(#PRX*(= M<''J#--VP'0;A]WO;_O+C^(JOKHL\B=2-%O76O/!-D';T?7O/,F:L-]61?VO M23VNNOHESQY^^ILD3>N@EI?G5;T'C7,^;V<3N]G<([,Y+KG.L^JQ)#1;J(4)G->[OM]_
M]WG_/]I6\5:MSLAX^B-QQZ[?LT,S^_"?U]D9G#/4L.O'V.O:WG M'?7J],JLK(IU_5!89YEVYBN?J_:A^"BE5 ML5&CJW_\S0G'_^S+&!*+D!A%8@R)<20FD)@$84:,_7V,?
9M>/YQE25Z03WFE M^AY>/UI'#XTM$HN0&$5B#(EQ)"9V6+#%FE7HGZ"=,;UP^'F,(\]6XTO KV5 M$;1@'[3 &C295:K>PXK4S_:*U*O.1?T VI])7-8?].75B@_-*Q*+D!A%8@R)
<20F)B^>K]WQN!-6 MT(1&6"_V8;VPAO5#$T-2QJDB\WRCLK@^7%JI8EX_UL8/J@GJO#ZXS]-D42\- M%J3*JSC=9;=W26J=;&AXD5B$Q"@28TB,
(S&QPQS'>+!U@DY\05,:\9WNXSNU MQG=6Y&7Y?#Z3K(I\DVQ7]LU[.Z+A4KKI4'V4&>W?B!N'I6;U:U:9*KLC;!U MPJ$11F(1$J-
(C"$QCL3$],7C[Z2;7]!\1GZ=L3[E.K8F^+/Q8!LO%DESWK]^ MD.TL%4HRCU>K[FG2763M4PS-+%2+H!J%:@RJ<:@F6JW[X-O)+FI.,[P'?8%C M#>^-VN3IIGEPG1>J3N[ATJ%0?
ZZ30FU/P"89^20_W\Y^[4VO=8[!Z45]$52C M4(U!-0[51*MUTCOIIA5Z?7M:;WY_7V_.KM^BXO%DFV7> >/=EJMP:G M%*E%4(U"-0;5.%03K6:>37UQ>-
:SU;C_I):C"RK'6AQ74LY/K1>=:!%%52+H!J%:@RJ<:@FH)I$:6:@ M=?WEV/NOUXI6^_#! 8867U"-0C76:H?/G'[0>7KET"D%5),HS_GU MO$H@_R.O1A1:8G+<;F>?U.QN)
MGHV<<78,N6\2I9FOH-=]E&OOHW8) M_/?VNA"U(!\VJFC.YN]?(G@35[UGK>SLT"A"M0BJ4:C&6JW[PKG [8;QU T%
M=/\D2C/CJ!LFU]XP'1P"7:M%LE[NKD]IGG5[4PCMDJ!:!-4H5&-0C4,U =4D M2C/SK#LGUX4>!KG0V@FJ15"-0C4&U3A4$U!-HC0ST+K)KETG-SIRS8O=
M&AQ4:'L%U2A48U"-0S4!U21*,].LVRLWP"XIH&T65(N@&H5J#*IQJ":@FD1I M9J!U]>6^?LW7FY84T X,JD50C4(UYO9>5#4._.X9"&B[!=4D2C,CJ]LMUW[- MU\&*
(CCS@K_O:@$2K15QQU[?+1$^VL7!:8467%"-0C4&U3A4$U!-HC0ST[K@ MKL>\5R[7^IJZUFX/#1A4BZ :;;7# MYC3TW;/.9?
H,.BF':@*J291FQE;7:)Z]1GOK(96='9Q8:)\&U6BKO3@(\H)N M9J%5&503IWX3$C6M&4?=@GGV*Z\.#I?"L^G^<&FQ/5P*>@^7[.+@)$*+,*A& MH1J#:ARJ":@F49J9Z8-
[#H)O.HB]ZR#VMH/8^PYB;SR(O?,@]M:#V'L/?HN6 MS-,MF6=OR;YNJ0MMS:!:U&J'BU-_ZIUU3G=2Z*0,JG&H)J":1&EF;'4=YMDO MYGKS4A=:BT&UR#MR=[UI,#
[XXW0##*V_H!J':N)-/Q^)V@VO!C M7"8EN5TU]ZEO[F#T>UPD\5VJCD<66GA!M:C5'-?\E;A^\"*FT#(+JG&H)J": M1&EF?'7EY=DKKT%WS[!;@Y,*+;N\E_?H"[H7G%#HE
RJ<:@F3OEQR':C4TZM MZK[)LU]0972H[MCL4-UI;ZR@E1-4BZ :A6H,JG&H)J":1&EFIG7EY$VQ)P6@ M%114BZ :A6H,JG&H)J":1&GF.Q+H_LNW]U^OOBV&YWP1._K,LJWEU%?
=6+);@\.F//B5% P];HWJHN@DU*HQJ : MAVH"JDF49L96EU:^O;1ZZXDE.SLXL6Y_Q>=V(POMI* :@VH17W=2C?HK2D[KZ&;V7=A<&RA%V!! M-0;5.%034$VB-
#.VNIGRO\T%6'Y_YQ-ZW?=E[00OZLC G72C"2V7H!J%:@RJ<:@FH)I$:69\=;/E MVYNM056I__*N=2_ZMYE]PL$AA5954(U!-0[5Q"F_*MFST;$SJ+I6\NU7,NW>
M3.7$>V+9K<%'2=!.":I1J,:@&H=J JI)E&:^^;#NE((Q]+_@'9,4"V":A2J M,:C&H9J :A*EF8'6!5?P;:ZVLK.#@PV]V@JJ4:C&H!J':J+5N@<>D]#WI@=_ M.HL&U#Z8
=955V"ONF9YNE[>)3'Y]9YS- M*/3*+*@6034*U1A4XU!-0#6)TLSLZKXL"+&K">AU6U M@FH4JC&HQJ&:@&H2 MI9F!UGU;8._;9D5>EF2A[N-
U6I%5D6^2,LFSIFE[_F*ATKAJWOF[RDFHW@)=O07VZNTZ MR8XN*Z 7CT&U"*I1J,:@&H=J J[)E&9F5[=\ ?;BL0!:]$&U"*I1J,:@&H=J M J[)E&8$.M1%7VB_>.P;+"OL,P[-
/%2+H!J%:@RJ<:@FPI<7IG5?CX::T RR M+OA">\%WHS9YNFEB.BO4(JD(B^=)FE1?FG[D^(D,NSHXK-!^#ZI1J,:@&H=J M J[)E&;F6O=^(?;=R4)HSP?5(JA&H1J#:ARJ":@F49H9:-
WSA:^_.YGQPN%9 MGFU4425WJ7K^9+L$N:E7'7EOQ*'-'U2+H!J%:@RJ<:@F6LUQC()DTEUC0!N] M_)1J2J*J_CJ;[.:KY9>>R_6B^"[YLWCG[WP1V=UR/UYE>7 MJ_A!7N.L4 # 0 $
&0 M 'AL+W=O4!-NL4*2&%SO>V@^_I$2JT=U0BY#^](N); N_MIN!GB-8Y!]#KKXOE'ZO/3;.._KR9S5=OSCZOU[<_GI^OKCXW-Y/58'';S+=_M\W&QO)FLM[]=?CI?W2Z;R?
7=03>S\V0X+,YO)M/YV=O7=W_V8?GV]6*SGDWG MS8=EM-K4C-KKM8[8[+]SY=FW,QF.VK[0OZU5\\>%MT=V/[XH,N[KW][U5Q. M5LUX,?OG]'K]^R_HGSG72UFJ[O_C;
[N/W=X%EUM M5NO%S?[@[2NXF<[O_SOYD.T/R-P#TD<. MR/<'Y,>N4.P/*(X]H-P?4!Y[0+4_H+K[U[W_Y[C[MZPGZ\G;U\O%UVBY^^RM MMOO@+A!W1V__":?
S77@OULOMWTZWQZW?OEO,/_WP]V9Y$]7-Y3KZ[F+[_X[K MS:R)%A^C\6*^6LRFUY-UC^= MS;:A7+T^7V]?WFZ1\ZO]2_GI_J4DC[R4NKD:1&G*DJ&2=9Q^#A\^$5S.XB&
MHT/5H^=?1R$,6/+ZZ./W-IQ^'ZB"]] M6'4=?KZ-TT.FDH=,)7=>^NC+V0;DY_EJO=QLW^;6T7^_VWY"]/.ZN5G]3U_^XNIU<-6_.MF_/JV;YI3E[^Q__%A?#_^P*"8G5)"9(3)*8(C$-
M85;RTH?DI2'][?OF>KJYN7^;^F6Q;CK?A>Z)_([87=N_O(V'R>OS+^T4!9?I MFR(2$R0F24P=<5XUM* 5CNPA'%DP''(ZG\ROFNA=L]WKO(K>32>7T]ET_:TK M(_=2U?
I:DJP8N"D)KMV,'PU*T?'E#(=.3H+K]+S793_-V'97.SW:Q\'TWFU_?? M4_V\6FWNKE#CQ6J]>A7]TJR[8E5Z[Z_C/)![N0J^!K[YHK$!(E)$E,=9[:* M!\-1^Y<3-&A]*VC50]"J8-#L;\E?1>/-
ERO\BXV3[M9;J;F^#:?0-$8H+$)(FICG.;I(/*R0RTI)69T4-F1D]G9FTR(_Z\FFVV5[)/ M1Z9GY'V%<9KF^:!TTA-\%7W30V*"Q"2)J8YS&P_+T<#=_$&+6OF)AZ9@..R1 MH+NKU]UW5-
&OE[/II\FN(MU9^[M72VO;/"PS[\(57KYO=%!-H)I$-;77G/CD MWLY 4\O:^6D5G.-@?GZ97BPVRZNF,R3!0_N6 E&M1C6!:A+5%*II2K/C9FK1 M,5N,CM%J-*K5J"903:*:0C5-
:78$35$Z#E>EGRHHA0_O'3FT=HUJ M4DJBE4 MT[%?#<]R4Z6PDV0JV'&XA'VX=D;_%PT'H_S?[S,5U9MFU[O+.\-%5F_'J%:C MFD UB6H*U32EV2DT]?
$X9R^I9)%XC&HUJ@E4DZBF4$U3FAU!4X:/PW7X^^+% M/^\FDYKKZ*]?FN7DTS:#\^TWILUJ'?TV67=_@W'/[KX%,K7CP7 X\KX+1>OR MJ"903:*:0C5-:7;*3"$_#E?
RG]RXE7[+.\G=#D]XD=Y10FOQJ"913>VU(GAV M-;6F'1%3@H_#-?C6CBP=9*/#CNSZ?D=6=J:&+#F/4:U&-8%J$M44JFE*LU-H MBOKQB-V1D77K,:K5J"903:*:0C5-:?;(IVD+).&VP'-
W9'O6W9&EF=-I'8?7 M[SW9B?8%4$VBFD(U36EVRDSS(DW#Y[:D>T/MX<0O9F;\"*]HX0V!E!-HIK: M:^&))DVM:4?$%/R38#6WO2,K!F7EU,@Z=V1AL?
<$.CN"SLZ@LT/H[!0Z.X9^ MBII_8FK^28KNR!*T!X!J-:H)5).HIE!-4YH=0=,L2,+-@F?OR++.'5E15NYE M%&T&H)I -8EJ"M4TI=DI,\V Y&73\OO#VSLR=U0^O$+O'*$5?523J*82?
U[> M'16C%K3#8NW*\!J]DX16\U%-HIK::T7HY&IJ2?ON M>%.D3\-%>JM;60SM_5@Z[,I,6.Q[,42U&M4$JDE44ZBF*];J5A?O\$+0'@&H"U22J*533 ME&:'K/4PFI?-
_:==3TSQFI7A17I'B7T8#?LT&O9Q-.DQS4IJ33LBID:?AFOT MK0U9/"C=#5GCQ&M1K5!*I)5%.HIBG-3J&IX:?L0'^*#O2C6HUJ M4D MJBE4TY1F1]!T"M+3#/2GW0/]L?
L\@O#RO4.&-@)03:*:0C5-:7;(3",@?=D\ M?^K/_OUL? :O9.$UO-13:*:2OUQ?K\^1BUI!\24Z=.CI_F+0>+T*[/N^A@Z MS8]J-
:H)5).HIE!-4YJ=0E/&3]EI_A2=YD>U&M4$JDE44ZBF*;/NJ?YB\3M5X;7[YLR5!.H)E%-H9JF-#MEIA&0O6R:?W^X]S-D66>)+"SVO2"B6HUJ M4D MJBE4TY1FI]#4\C-
VGC]#Y_E1K48U@6H2U12J:4JS(]AZ?'VX5_#L/5G6N2?+ MO1FR\/J]4X;V E!-HII"-4UI=LI,+R![V3S__O#VGBS-2O?#RJG;9DEG;E!Y_I1K48U@6H2U12J:4JS
M4VC*^1D[UY^A<_VH5J.:0#6):@K5-*79$30-@^PT<_U9]UQ_[MYB&5Z^=\C0 M?@"J2513J*8IS0Z9Z0=D+QOKS_RQ?O\I9.$U>B<)+>NCFD0UE?EC_?Y#R*@E
M[9]79:KU^=%C_;G?MNSZB9_A<6^UT)4JU%-H)I$-85JFM+L%)IJ?LZ.]>?H M6#^JU:@F4$VBFD(U36EV!$VO(#_-6'_>/=:?>VW+\/J]4X;V E!-HII"-4UI M=LI,+R!_V5Q_[L_UY]Y8?
WB-WDE"2_JH)E%-Y?Y8OW=R-;6D'1!3J<_#E?K6 M?BQKE?=4_V96QX++]\[9&@; -4DJBE4TY1FA\RT M ?*73?7GQTSUA]?HG22TFH]J$M54?LQ4/[6D'1!3I,^/GNK/!X5;'NO\J4EA
ML?>U$*WBHYI -8EJ"M4TI=DI-%7\G)WJS]&I?E2K44V@FD0UA6J:TJP(%J9/ M4)QFJK_HGNK/"[<\%EZ_;\I03:":1#6%:IK2[)29/D#QLJG^PG]&OU\>"Z_1
M.TEH.1_5)*JIPG]$OU\>HY:T V*J],71$_W9("USIS[6^8C^,-GW:HAJ-:H) M5).HIE!-4YH=0U/&+]B1_@(=Z4>U&M4$JDE44ZBF*QU%.P&H)E!-HII"-4UI=LQ,)Z!XV4Q_X3^CO^-
!9.%%>D<) MK>BCFD0U5?B/Z>]X$!FUIAT14ZDOCI[H3_V[+*O.U* 3_:A6HYI -8EJ"M4T MI=DI-*7\@IWH+]")?E2K44V@FD0UA6J:TNP(FF9!<9J)_J)[HC_U[K(,K]\[M96@S
-4DJBE4TY1FI\PT XJ7C?07QSRI/[Q&[R2A-7U4DZBFBF.>U$\M:06D M-*7Z\NB1_O?-]71S\\/?F^7-76"Z\A+6^EX(4:U&-8%J$M44JFE*LQ-HRO@E M.\Y?HN/\J%:CFD
UB6H*U32EV1$TC8+R-./\9?/W>*4/[*@F M44VAFJ8T.V6F#U"&Q_G=ZVOGAJST9_H3+TUH21_5!*I)5%.E/]+OGEM-K6AG MQ!3JRW"AWAHA&SH/O,@['W@1%GM?
#]$Z/JH)5).HIE!-4YJ=0E/'+]F)_A*= MZ$>U&M4$JDE44ZBF*9Z-^S<>R,D+F74+0+@&H"U22J*533E&9G MS'0!RI<-])?^0'_J%V F!I]V6.@WWW> M1=+9K R+O2^%: T?
U02J2513J*8IS4ZAJ>&7[$!_B0[THUJ-:@+5)*HI5-.4 M9D6P,EV"ZC0#_=4C_W>\R["Z_=-&:H)5).HIE!-4YJ=,M,)J%XVT%_Y_WQ MT-N0A1?
I'26THH]J$M54Y4_T^V=74VO:$3&5^JK'0_HS]^=8=CZ!+"SVO1RB M6HUJ M4DJBE4TY1FI]!4\BMVHK]")_I1K48U@6H2U12J:4JS(V@:!56X4?#L M'5G6O2-SGZL>7KYWR-_^
*I)5%.HIBG-#IGI U0OF^>O_'G^S-^/H>5\5!.H M)E%-5?XXOW=R-;6D'1!3I:]Z/)_<;9CN]YJ1V;0:7Y4JU%-H)I$-85JFM+L M%)HZ?L5.\U?H-#^JU:@F4$VBFD(U36EV!$VGH#K--
'_UR//Y$_U\?&M8['OI0K4:U02J2513J*8IS4ZAJ;J/V/G[$3I_MCVHUJ@E4DZBF4$U3FAU!4]4?G6;^?O3(X_13M[T87K]WRM"J/:K)8T^)0I?5 ME&8'R!3D1R]]4O[(GZHOO$)5>(W>
(4'KZJ@FCSD=:N1/R[O[)^I5V?_JI@8^ M"M? 6_NGHO4LB?O'>^7=^R>R/#M&M1K5!*I)5%.HIBG-3J$IDH_88?D1.BR/ M:C6J"523J*9035.:'4%3AA^=9EA^U/WX^V*4#UN_8O+Y?
5T/MGEZ_%MEC\P[S]Q-;Q@[_B@]?)C MO@")+JE&_AR\M\TZ16U[9&K;HZ.GX O_;J/[+/0,7A4JU%-H)I$-85JFM+L M&)H:^8@=@Q^A8_"H5J.:0#6):@K5-
*59$8R'IF*_^_@4.ZV#ZSY)M?"?I'K\ MI]9/O-J^.6(YR7**Y33&.5F*6UD*C[OWVEH=L/#>ZJC/J]X8?UC@];)64X= MN- &"UO2R4+2RD*X CY>S#8WE]-)].O'Z/UDM9I1SN9[P^U[M
M6*YF.<%RDN44RVF,<[*9MK+)3KL?/"R+:%V>Y03+2993+*9DK^X+J[M[+(TN#N M#>T;L)Q@.:/GYC,/^S>Y'0^F5\UT;MFLGHD,F&J]_42Y6J6$RPG64ZQ
MG,8X)X:M#D',CN8?/"R+Z' ^RPF6DRRG6$YCG)/%5H4DRRG6$YCG!.W5N\A#M\\T&\35WJ;N"H?Y*-0 M@3>\?O^PLT,W&KI[9HVMZH2HU32(C[S]8+Q8WBZ6VW>HZ&*[
MS/2J61VYMT/O16"YFN4$RTF64RRG,<[)9JNI$+/W)!P\+(ML)P+E!,M)EE,L MIS'.SF+2ZEDD)[HU(>E^2'^:E>[E-OP*>L<-Y03+2993+*1A.]>
MZ+6WVUM6@2X;%%Z^V'X#R@F6DRRG#EQ[.Y<.!]Y@'+6JDYM6'R$Y_DZ'?TR7 MGZ;S[<='[>/"<.]K)\K5+"=83K*<8CF-<4XH6]V&!+[%(6%O<4"YFN4$RTF6 M4RRG,
<[)8JN!D80;&,_?QV6/U.B\LDGX%?2/&]N>0#G)+;3F@G&0Y=>#:^[BX&,3>/NXDK82DU4I(PJV$ M]C[NO[;7S,W5']^.W,>Q-SN@7,UR@N4DRRF6TQCGA++5<$C@FQT2]F8'E*M9
M3K"<9#G%/,7YBQ?[Q8KL+*"=93AVXRCK#WK0+']!923+*>ZSG#IU^.H1>]3<[[ZW#3K>K*> MO'U]NWVO>3_9-4I7T:SYN.6'@S(_BY:[MZ/#;]:+VVW(SJ++Q7J]N+G[\',S
MN6Z6NT_8_OW'Q6)]^,WYUO^Z6/YQM\;;_P=02P,$% @ HC5,6D43QR15 M P)PL !D !X;"]W;W)K&ULK59=3]LP%/TK M5H8FD%%C2),U'65L)&K8QC:D"P1ZF/9CDMK5PXF
[%/CULY,V"TW:,<9+$SOG M'-]SK^W>X9+Q6[$ D.@AI9D8&0LI\R/+O"4BQ,ED.FOLP83[%40SZW1,X! M)R4H9;3Z_E6BDEFC(?
EW)2/AZR0E&0PY4@4:8KYXPE0MAP9MK&>N"#SA=03 MUGB8XSE<@KS*IUR-K%HE(2ED@K ,<9B-C&/[*!IH? FX)K 4C7>DG=PP=JL' M9\G(Z.F @$(LM0)6CWN8 *5:2(5QM]
(TZB4UL?F^5O]4>E=>;K" ":,_2"(7 M(R,T4 (S7%!YP99?8.7'TWHQHZ+\1AO(;@K@OM20G]%Z)>9J:R4>8BPQ.,A9TO$-5JIZ99 M+ONEY.HK43PYGG*U@[A\/$13BC.)
<):@T[N"Y*JT$NU_QYQC79D#M!^!Q(2* M_0!75U&:'_O .TADJ%S0JDJH1A:4@6D9:UXM?A)M;BS97';0>?G-P5'9Q)2\:LK]Y5VOUM;7R='(LJO73?3$<;%7B^.7B.
MBBJ4UT#YH5=CGH7OU>%[._@'E!L63\$44P W4ZJ3J/7QE1&^):[8]"0Y>K M2C1L1.*%F^%.VB#,;;T-3Q7(;X+L;DM^;8PR$Z3AF7Y&EKP?Q6U*%G.AO6VJ @:%EK@SS7W&
(NJ,T%_V/N,V>B\^(, M6K$XKM\(IK+5@>IYIK_A:V>$KSQN8>T_?+E_RHIU%D@V_WMIP_:&#,Q@(P<= M(*>5@K!U7FU[6VD'M;7!ZZUM+>R@?7.T=N*D#7*=S3T=[8SN7\MJ-
5J(%/B\ M;,4$BEF1R>KOMYZMN[WCLLG9F#]176#5M/V1J5K(<\SG)!.(PDQ)LQ 726\ M:LNJ@61YV:C<,*G:GO)UH3I9X!J@OL\8D^N!7J#NC<>_5!+ P04 " "B M-4Q:2CLA,\8$
"L&@ &0 'AL+W=O);AJ-5X90F%K)MWTHCDAGS:7'MFLVG="<2DN%K!O@N32/V M_!$G=#\SH/%RX88\;$1^P9I/M]$#OL7B;GO-Y)E5HZQ(BC-.: 887L^,2WBQ
M0&'N4%C\1?">MXY!'LH]I8_YR=5J9M@Y(YS@6.00D?QYP@N<)#F2Y/&C C7J M_\P=V\T2<4/WO^,J("_'BVG"BV^P MKVQM \0[+FA:.4L&*)=)/S*^9K @FGC^ ZR3*!+C,5N#3CQW9

MRDW .[FZ7X.S=>_ .D Q\)4DBGQB? M6D(2SO_6BBMR'TMR:(#<$LL#'_]1?HV[^I A) MK),&ITZ#HT.OTZ#*@BKP$BTHT/)1Y6GNN-!#YF1J/;5C4MC9;HA,6-MUZ+HU M75=+]S,=^DNB01>@266^8A)5(X@DOAE2ID@_Q875-Q+:+_%Z3ST)X?,2ZNP M8X7LP)1CZP_Y9J(D5C78'[(8TMK++1NP"W- D_89!7X6*D8":V;BD;2 M0.U4? W2C57#M*@QJ6;S!I/D2+RIZRKLJCNA0-(Z M,+L!P\G0F $,80'URF)!TU0_K>D!CBZUD="ZX382!'[G[#]MP#DZ%2.A=5/1 M*\NHES9'=YW?G]_ M1_<)!E_D$2M;[D)S+)1UJT<[>H? @%+H$M;9*3KI7.NXT#2EV2U C<['X^R6H M+UB@Z[B\=M:B>A)?&;FZFDEBND#,!,T7TJBBH^GT#?%8CK^=MZ\Y>QT+JI:,.0.THN=H]NMKUM@=A0S\0 MEZRR|SOMYMD#]=JH&Z17-V]KMK"W9WH./<|V_4/R*D-'#A;^_7^K]2HA?X_S M-6(),.@P6OI.9N!K'-6OAHI3P3=%F\7[JD0-"T.-SA:898;R/MK2L7+2?[" MHGY!-?\/4$L#!!0 (_* (U3%KKW(SC!P, ..0+_9 >&PO=V]R:W-H M965T({7M.?,[U=>YXP\6SC $4>4V33$ZL M6*G\RK9E&$-*98?GD.'*DHN4*AR*E2US 30RH#2Q7<<9V"EEF>6/S=Q<^&-> M{1E,!=$%FE*Q=L4$KZ96%UK,_'5K'2$[8_SND"D$!Y7.!(DMB5@*F60\ M(P*6$^NZ>Q6,=+P)^,%@(W>>B5:RX/Q9#VZCB>7H#4$"H=(,%/_6.(.DT42X MC9>*TZI?]8& /[SUOV+T8[:EE0"3.>_&21BB?6R"(1+&F1] >^^0:5GK[F"WDB MS2_95+&.1<)"*IY68-Q!RK+RG[Y6/NP NH,C +<"N/L !PB@5P%ZYP*\"N 9 M9THIQH> *NJ/!=\0H:.133\8,PT:Y;-,I_U1"5QEB%/^7.)NKMYDG-%/D M.HO(S4O!T13UR5W/%,Q)#=9!%&3P$:#:I?&[T44G6$CN,;DF8?*0R2=)!^5T)7,:PL3"Q$L0:[#\ MCQ^Z ^?S(8/:) M:(FN8Y\7F>8:]=V;!- $OBUW<,)[<*4OG[D*=>FYZV21:T M1-;PM%|[VC]Y(,^_.]ZOC4/NEF_IEG>=_N"M?:.?C8,6M=VT[*RJHHIQFE#NL MPQI*! [72P4FE7_'R"YC%ZEL41NWI$CQ)IK?'I4VRH"6AV1I3A/RS!89N> -MMDD6M$36\'I4>SKZ+R4X.EPV@IT/.(+6WRO"(V'>7A';,,U/"F)E^DA)0EYD MJOS(U!- UJWIM.K2]^2FVL&7'^4Y3]K|W5&!W(DD"2Z1T.D.\'T394Y8#Q7/3 M92VXPI[-/.;8AH/0 ;B^Y%QM[_H%=6/Q_P%02P.$% @-HC5,6O:WHWEA M @-N0< !D !X,"]W;W)K&ULM55A;]HP$/TK M5E9-K;012)'T78C4@K8AK2IJU>W#M \F.8A5Q\|L@W3_?K83(!" =A/[DOCL M>^_NO3AV7$GUI',),|%%WKDY8CEE>_K- (>"ZHXL09A5\Z:+(W8I#3SAS5;] 6D:RZ<Z1 MJ$I3L.2X0%1@%'ZXEU!|TMO1)06OR-T4&TVD"'LF+LF^Y\R2>6]SU"\&52 M4T#U%X+FB!#-I/SXMR:UFCDUL-U^8_]"Z%VXQ.2F",U_A+\M2)X _4B"G SWT*Z00)\H6#.BAVDK(\) M\">&*TRP? 5JJ8^)X!;<+)"$F*C6)_#U>0%N/MR"#P!3\( )T29C1ZHHM"], M5GL\JSSVSW0<@P=&Y5:);R!PE'R-AOZ;AC/?R+A F0T"|R/P M73\<[/X^!&Y%EI1D^EY\FI8:I;T=CYZ4MXC6G7%Z) M[$3@L!$X- I\GV4]>5AA76QA :#];?8$2L9?55^=R2'=C|21]V_E M!]VMO+R27R>"Q8U@L5$PE3E(4E[T@Y(9P9=*%O?$^)3XO8,]8!5Z=MS1{$], MG6B6-)HE1LVI5U2_>DA(K}(:=60S*+9@@%*T01F-?)?*F/0$2I.>BGVC(.F) M>"6W3D1,&Q%3\TD]GV<,*9CV'H4D#6S_-*!YVHMZP&I16<4MJRC]W'/+_GR1 MUSZY)S&/FIA'QIA5@O*#AW34"R >I=UUF[_+:M&W&GA'ET:/?W(/>.XQ6W5_ MO O$\>53E5+UV@%^W!GLF($,H?&*2X]735;>^7])+'#CK@#9K%G>QUQAZQ: M3^JI:*T4W_O9H _1/"*.6:XR?)55J()+9^Q5ZW90.Z_GH!>.[*2SXZWBY+NB--5;P- M0*Y2:@$(6BM*UT[4^\^K^K?J2+8K"[P5DZI<+)M;!'/$M8'ZOF9,OG7T!,U_M(;_ 5!+ P04 " "B-4Q:IQD\N3,$ #J$P &0 'AL+W=OG]NV\E<0,=42:XCQS4+(B&DTZ3L^.&(^MT2!] M-I.C@4ATR&.82:*2*&+0]"L1U:U'IZ<,N7*VT>V*/!FBUA#OK>B9Q9.7=E#9D0AP.V^$.!F >[S />%@'86 MT$Z%[IBEL]9,L]% BBV19C:BF9O4F50:U?#8 /(:?+T/0$2I.>BGVC(.F) $MQS@]NH5E$C(MY".Y M8EJ#5.3DFDG)C+NGY&0*FO%0G9(/A,?BDRMA.AUQS4&3*E1*E4@@?WW!-'*I(5)_5YFQ6ZI3O90IS7.U9CX, M+:.P]\7(#UNC77VC/^;W*CX, 2]ZTCHBMD+>++PDXT@D,;HB%N30*MQ/ MR';%_16Y%OA:)S(F6*27\0:4QJK79)I(@W(+OM@ !LY :=6^>3FV^7T(SW#S0]U M0H#77#4SJ]OX[B#[!29NQ_,.'%=-ZSDMMYIQ-V? 6_R@6TK:*9Q=@?=KM MTY;WC&, v45E!3HMG+;?9J:8[C,&$4GI(M&X@2+*;Q^Z, +*2(R) ^"8[+, M-5\;*>E&CU6(*;(6"0\#_*SH$#Q">5>KJ'22"VR^XNE-5R^Z=Y>3EVKU:[5=8 M2U$257&O#?SKEM$06$EC/]?8/]Y&VF_2E8; 2]Z1&^GP+/.J&6D^2 M=LDC,%E56Y/:R'>;1YU]F^.+4%P\[>*EPZB/?FB--H95U%MHQ>KSBR=9]RIF& MT.K.[- LS6MOG_%*Z!667DT%U8>^U\!])T?K6[D;5"EW8O%+^1DI,L;4^11 M2"9"57]0ZR'?G$$-H94-V#=TM'/$V]KM'M_L3$-H96?VC2-MJG/,@$HM%BVT MVIF'TYFT]N*GDUU-5E_/-+'!NFT3]'3%1&VTL MFT(K.[-O+6EMCS8RN]8,V#U(,F&X#M>/Y-_]8X2+#*I72,*.XSS/U$9[0KMP M$&-.P;Z87)/8D1-6", .^T/*P+N3M8V@VT6*=G,W=":Q&EMRM@ 4@S =\OA-!/ M W/&PO=VJR M:W-H965T/[HYG\N$=<_Y(V8]L M30@'3YLDS2X&:\ZW'T:C+%]3#_Y($OIX,7 -+P]NX]6:YP]&T_.M M7I$[PN^W-TS0Q:UR#W)4'2G_D M-%+>BX&36T02O< HM?>S(C29(C"3O^K4 -]3MSQ>;U"_KGPGGAS /,R(PF MW^.%?U\,Q@.P($N\2 ,@M??R#5 [Y.5Y$DZSX'5R6L]$W -$NXW13*0L+-G%. M_L9/52 ."B]4("5 OQ9!:]2*'(W*BTKW)ICCJ? GC#X"EDL+M/RBBS¥A+.R) MTWP8[$@3G\9"CT[OR6J78$[9,[C&G!.6@;/&L!LSQ["\FA.,X$5?OP?W= M'\R]>0O>@#@%UW&2B.'(SD=<6)-CC]+]S1_+\..-\])- 2>^PY !R*-^NSG MU3U5?21B4 -<"UH& !9YG#@19@*]PG">8QGX^XN0 E>;<+), =!Z6D$@/F7\# M/V1;')&+@?B*983MR6#ZZR]NX/RF\]<2F.*]5WOOF="GWRC'237:.D=+[;#0 MSF>&_12B,!R*P.^;+NC$ F<(.S'%,%0;AXS&M?+Q'9CM&",1UYE;8HT;-GCN M9#@YL+0M!5W4\$W/"*%-[RV!*=Z/:^_')\T(XU9.HK'?FA#:4G[@#@-[MXDYJTR9&T1]YV9F/1QC1\02F.*VZ\BUVK&?D16FI0#80E.CT&.K]DE96;DK M:=G.2HV4/QF&^]QT)8-PZ4OT|%.ZCQE-\W041G8FI!GEZ 'I@S:XDC>X7@\I M:20C1T? $IH; 4E.7#, [>34EVU0#P>'X," 4U4D[71.E*0N+^-"/YM%R*K5,& MOB[!91317\GK"E>M!(13>$A_D:MO+5#;RAWY&PDG6X9MIQGRX(RWGIGC Q M1K_CK*"BGW?$- *,:,8\>'DMH:@0DN7$G/22H599C"TW=B$N: XTDXM4$K=2; MN3>&K45>(^7"KD4>2@8"S0QD3H3/45R,B]8XH_K1-0%+:*JSC9I(T41NU61 M/O@-E/P&GE88]=0/"PF'Y0.=F.- V[>"A)!_03#[R3=#[JQ3<"\A0JX3&%IH: 4EHH+F,\V]&!NW4&SLM M_JH3"R:=&2K9!C2SC3N\)/Q94$X>[V-QT;F(FW&.'I0^:B=0TA@X[B$MK=(8 M6VAJ!"2- @>8BS;ML=',B%YC?:Z\T(D%7I LC3WC,S\PQYG?7X(;1%<,;;;W; M.M'$%IKJJZ0LGFI_&3VK/,86FAH!R6,\\7*@M.9:K9_80E.#("F,AWK(3JL;5/[1;>1>XAQ.E3FCYRWW,6> M/$[!V1>;96^UUEJME=A"4_V7[.7KH0?D664RMM#4"$@FXYW6[_+.:+9Z@40:J M?&@+0=1H^D#(^]6Q MA;9&0%(:=%H?"+4|/*$_G#B-?^[AB0"-"NPZ$8 D]4!FZG$KEO1'_) 0\$FL M[:MG$^LT0QT|1'U43I D-JB'SA"RRFQLH:D1:!Q;.:TSA-H]G[':JF-JI(+F M]ETU3I(.9"8=91/=8)S5&HDM--5926-0#TT?9)7(V$)3(R")##]MZ8,T_1S' M;VV!-&+AI/-\ER09R$PROE/V ^!T41H(KG&*5^6Q#O%#V);%&0$B+'3'HF)S M)\R)8=/Z8;6&8@M-#8OD-ZB'$A"RRG1LH-GGZ233\4]K!?GM)@!T6_2SDFKN MC9R.DWZ2@?AF!C(KSN:64V@&L- NMI1%Z6=KVE5NLIMM!4YR6I\7OH"_E6V8TM M-#4"DMWXI_6%?-U1V/;!SE+*-R3F['&V.S]8?XW9*A;13LA2Z#C#4"BS\]QZ M>3G=DUB ^#4]LSB=/L9B9L,DEW^]#I@X*%31>05Y+MY-]7 M @(H?"1TY!<;\-7AW*N#=) \.Q#Z@VTPVN IB5,V'VTXWYX.!@LV.$%L3+8X M%,^$A";(BU.Z- MB68K3*&B6Q89GFQ$A0E(X6L^S;'5W.R(['48KO*&"!)$'T M^1S'V#*.?P=']+A?MHO>'R@&K&8;=$;/V#*.>7M'Q9E1HPB!*X0/K'8,9"[/A(R0)U>K^/PL0$?E MJ67#^O$+^F66OCF3&\)/%?T8IOYB-_!%8X1+N8WY/#5UPDE!$,2,RR3W#(_M8ST1'.P8)TG16#!(HC3_1D]%(6H-H-/1P"H:6.]M8!<-[*S1G%F6U@7B:#&C MY "HC!9H\B"K3=9:9!.ELAL?.!6_1J(=7]SC]2Y&G-!G<(,XQY2!D]JUZP@]M1G'$(\P^@I,+S%$4BZ//X-O#!3CY\!%\ %$*;](X%GW"9@87E"2P$12W/\]O M;W7<_@('8V##3\ R+:>E^? +]S6VUN2$*!MA97AV?S7P"MQN,452: S\ M*2VBP!'7'?NG+<,3:0GS_.G8+L,4FDV)TQF*\_D3 M6.XHQ2EO8%Q^0I;<^R^(MN,LCQ_/&GGZ198 M@C/& (L91&F!P1\F:HJ25."_:T+[1!*8D#LUJFC;U:/ U%0 76AJ!6I&!6K2 M9P%4U]YTI+S29TL0G(I]=H"RD# WAEZ<2_Z"-SC<)>NVKEI=0NZT-1D*[\ MI2.(LM>$#*Z)C2U 145@8.]2): <#9L#9QXU40;.#H%6W@/VFX^OU'^??P=GJ7S'\)\(6,R#&3SG//RS!U#=; MR?8"#NXC36AJ^I6O@=,C]%2KO=&%IKYW5_]&ZG4/ U1; -7UY[TVGT6,,HSZ M7<.H55D0J]^"W.[ENU% O)?HJB^(@;-T'2YW. 9+PG@[W5](P08EI>]+(^E:\0 4E>&V@HY36YQ0>5;&Q.HW)E*/X#845C0A M>Q2W$NQ%&-POFM#4?"N'8[E'4*96IZ,+3:U Y72L_16;]AB ,QVPNAG@4!V:5<>%)P22BX2@/QI@_^1$\= M.6A==]&%IC:DMQOP,;4C7=Z;C M#IMJ5R[%[G:FGKE?6RH7Z.V5O.C M"TVM0&5^[#>)6=MZ_/6(U!UBS,?47474ENTZ'0FM;./W^)%? H6_RT+L'H0E.S MKIR.[1Q!F%)H]CRXTM0*5]I$';S)U=7P.Y-8EUJBT&PO=VJR:W-H M965TOFD!;24@H; PBK;!2$-#'H'8/ MTQX.,<"]$Y>V(>Y_W]D)$97HQ.->8H]WY? /OL\"I5^,GM$"\"9S,V8I:TM MAD%@-GO.N.FH G/:V2]=<4NAW@6FT,A3#\ID$(5A\BXR%DR\FL+G8S4P4J1 MXT*#.609UR_W*%4Y9EUV6EB*W=ZZA2 9%7R'* !0/Q4)3%#0LJ<@P-T+EH'$[M9E^ZPTGL\GW"H\#2G,W!*5DK]>2"63IFH2L()6ZL8^ T"&^4CHB*N-/SNX- _"_VI#E_ MC60$IC0VEG!CT%Y27U$,/*5[1HY)U!L..G0BQW- =E]+Z82=]TJJ*@[/;!5ZG M.=<{D1N0N"5@V!G<,=!5MU:!586_\&MEJ7W\=$\/'&J70/M1>PI<(#W4)/G) M7'U!+ P04 " "B-4Q:MXV8U|$% !=*0 &0 'AL+W=OLZQ&F0H.V'81\8 MF[:Y2J1'4;D _?&C+I%$1V8B[.1#H@O/(_{I),4WXNQ1R!_)CE*%GN*()Q>]MG5+[<|=)5CL:DZ0O]I3K.QLA8Z+TJ=PZR5Y2LLZ#XLC!KCMV8L)X;S[+K]W(-M^4RD*F*;.D=55_W- U*?.15E MS6+'$R8XDG1S5MXYR&>9 %YB6^,/B;-8Y0UY5Z('!G)Y_5%$U!T_Z4AF"-MZ#\/U*=1E)%T/?XMH;WJF5E@\_B% GO>>-V8>)Y07T3?V5KM+GK3'EK3#4DC M=2L>_Z!E@T89;R6B)/^-'LNR;@^MTD2)N S6-8@9+_Z2IU*(1@">'@G 90!^ M;\"@#!@@%$9D#?=*=]>"Q<01>8S*1Z1S$IK6G:0]Y!;!T8 MSSK*G9+Z+M- Q:G[+DA]H2;CN%#K]"BVRQ#'%:().KHIF4),OC1W024$58E'Q$ M\3)0.|0X6K(HTJE.3M&'YNG,4;I:&=Q9E56X++*J CU3!PV@IN-HE*.1KNC8! MCFY/U2C\TJA+;"4&=-5' ^\481[ )U!*&O>4CW _;#!F!# #OLSY7WD M3DU8"R:T8Y9$]A$>VC"&<(-J7PO%N!H6R5[R%:_.KK2]!!G1>/D[!:<%]!A M.R8;WLZ3/5G1BYZ>OQ(!VAQ_NLOWMC]K2T#D+ $A8"P8QL#*ML#&WT^16+.MF4)B@S!V"_1-1&E.6X=70?&*(9Z]&<]!F;A_/G(>FQ-9'=948$A8"P0R)1Y7$ M(ZO$C0Z_2!*]VN0M"*.&NGAR(&Y19-(.N@/S$*!M29=10."&:*.*['&5M'N M*&="HFNAVOMC$3UNJ.%ASSV0PV\IY4Y'AZ)9:])5-""8(=]D$FW2}:>=HKOT M_A^]7$)*Z!=PHJA6E'K% ^!8M]'N7%R_D4T0VV:TOF\V1{CEIZWNC [&+0M.F MV(/^V8'6U@9TU1H(9F@)K,2>6K7V\W635HUPGD)(+OQCPM=MXDW?.W5:'I9U MZH2$A4 P0^2S2N0S]\A?U$XKI*=2YNO<&K>WS@962M>% B0L@(2%0# C%9Y, MK^)=[(5;20)*""@M *6%4#0S)PUGY?WOM46);.[>9WWO8/YI*>0=%@KLE>DL M'1#-E [7TF&K=-?L3J1R15LELX9V[K^0M "4%D+1S"347M #,X,>]!L$I06@ MM!""9N:D=H2>W1*^M?2VAW=.[*AI+&E-(S48T%D(]TM2WMH.>W0\V]44_ MD74>@O1S/B@M *6%4#0S)[7;],9@Q"D??1!:0$H+82BF3FI5:QG=[-OSD.3 M5V/=!7SISX+Z:7UX?FC3J9]"<^O?\]PI=H\4# ME62K.RK7UTF"MT2U3Z'0+!\Y06E+1L$=WPQNX(CPXE?:N@*6OM.#V1Q5PR MSN(T:E4.U%:"T@)06@A%, [^DU,X2@SE+#.HL06D!*"V$HIDYJ9TEMCM+7\2Q M6#/UC'S!E20KA:XHW[9^D+I\@^6A9TID:P(@'64 2@NA;&8",G^*[?YT29Z. M34SVR,Z# -2>@M)"*)J9@]J>8C!{BD'M*2@M *6%4#0S)[4]Q79[VFUBLK,& M^<34MKKT[9&=,P#Z-1.*9F;@-K#8;F"OB4HEB= GTKHNMT=W'@F@IA64%D+1 MS#S4IA6#F58,.E!!:0$H+82BF3FI32M^]R? 84^U<>2PX540^9RZ6':X'S2(6 M*5?HY['=/9?X]8?4R:/:?"U:;7&??>L^7/P[WM[U3L+#?KUU6EL+XNNJ:/:? M^A*TRL0J=H55ZN]@XM\QYQ3%R\V'BZ)W#*>H(AN=*C;G^A1*HN]?,6)$OM\ MLIJ[4$K$^>&.DC6560%]?R.$>CG)'E#MJ)S_!U!+ P04 " "B-4Q:K5); M5EX$ U&P &0 'AL+W=OX^O;TILT8'Q-[$A1((?41B+L;>1WZ$;>Q-1LFU9SX9L9T;.4R>.1"[*,+\YV<2LL/8 M@]!QP@M=;Z2^X$]&6[PFI,GC\NQU!81D9 LI(.ZFI/IB0,-9**X!\,U.N?]1W+QT?T MAR1YEY" M@* MS BG>ZPI:X^QD'RGK06@,9A++%-?9?9 8QPO* [!,Q-4#]1'\(I!]]PN".W MX&9&)*:AN 6?P-?Y#-Q\N 4?-,H3#4-E+4.^5%GIV/Q%EL'G- -4D\&,+%H@ M@!\:J-.A? NTN7M@NON*RYQ0E!.*$KR@%N](E"BG#O[^H@S!HZ)*_%.59(K: MJ4;5L_E.:/&"C#TU6P7A>^)-?O\-]MI_5*7L",P@(,@)"&SH)0+ O1!$5B6; M(G03!- UH]A/4'_G[<@J2;!L$K2"W,@(K9.'UFD:VA>*7VE(Y<^J\%*40>G9 M0:M[$M^Y5;#5]0ZOFX??M8;WE]P0#]8[SI.9J,FKG]6E$M+Q1&8D7 O3[AW ME;G2V\"2C1':( ]M<$$Q']>++>B]4Q6B% MNG1 '($960_SK(=7JM4Z;A",TDHM ZT*HEF37780'Y6&-7J3U0(M$607(L<5[CNMU_ZLB[^O':&9S!3Z!\'KK#$XU46NT$P22NLL5LG1N/5F,':=_M6F%4]U- 1H5]07,4TJ^#ZEFN'OWB]*&99!0*"'76N4]1.19,K>),$0C0A^Q)/ MDY:,0;RC8RNLZG4L*%0-L@N.9B7]7K-UND#C"LUDI-/]^=NG6]EURAF204 M>@G95X,:- JO!V;+MN,FU,7/L8#LM_'O.3A,:T55# MJA!?&K_:=\A%&W.PP+QF40C_W:I8[']K*"2[S48*]B8/KG.0]UG@2]X&[A MBBISZO;">%RR)5ZC_5A>:I]%+4K&"Y2&*PD:%Y- @VCM+1L[>&WSBN#8;8W"9 MW"AUZR;S;!)T74 H,+4.@=%GA3,4P@%1&-\;S*]TCENCN_0W_C<*9<;9G"F MQ&>>V7P2O @@PP6KA+U2Z[?8Y'/]\% (EC/^=6;/#2"MC%5%XPTP1%%S67 ;C MX6'#H3=\P"%]*+!+#H,"/]-0 _^@#H/&8>"9J5/Q/"3,LGBLU1]TTLR8T_:D M>F]*GTLG^!75M,0YRG&$W)@9,D,8EI8>ITX):C@:-KNF-9)1#4 F:,Y/"& M+@F\Q6Q)NUS"],-L?@Q'"5K&A3F&$_AXG<#1TV-XZK8ON!-DK1F'E@)UQX5I M$]1Y'53T0%"]'"'Z4M+F!US++#;!L@I S;-*.[-,^CO8@)IAWH]YY#U(T&.P*: M/=Z]O\,]>;Q[M*>;,?BM:W^/U'Q(-4\&,X0N>,E\]T^P,?14O()6VTVN:IE51 M"68Q@P!V1PTS5=###D+N*72',9:H*4E9"@]JOF*L^ U_>T4DPMUB8K[MD}!,: M[[+O5!GIF0I3@(ZR:!>81 _>(;=E_MHOR08,F!P+!,D&+1R#/;AQ-_I=4XK MK8G^DY+85!DH3WFZ13FO*3\2RIC7>S6IXS*>ZY7L?]#EV7U29INVQ.MVV2 M/VU>O.R,6J.M'$_;'$_WYCB7%HDY"YJN%&CW:I1:+34K=M;W7K"_O2B'!$L. M!+9%XK-E/%TPON30@ M<$&0W&ULM5=K;^(X%/TK5]G1]DA 'E!HNX#$8V=GI:F*M/9#ZO]8,*%6./$ MK&U@NK]^KY,T/)IFRHKY H[C>WS,L7/MV]M*I4U'B ,^QR+1?28T)N%5#$S]*B6KEXI9/,T'!9NX'D=-V8\<0:]M.]>#7!R;01/\%Z! M7L.!+R-C.IQ!.\66.$7S=+I7!.06*,>8Z*Y3>&#HN\. M_9NQW!8!Z8BO'+=ZKPU6RDS*,.;AX[SO>)81"@R-A6#TM%$Q"F&1B,<_.;A3 MS&D#]!O/Z.]3\21FQC2.I?B3STW4>CK%9HQ2V5-F&&# MGD);4'8TH=E&ZDT:36IX8I=Q:A2]Y11G!N\95_"5B37"Q2>F%+.NUN!B@H9Q MH6O0@,?I!"[>U> =\ 3NN!!DO^ZYAF:W&&Z8SS3*9@>I>FS+' M^2& 2[0+/L$$]U%0B3C!L DMOPZ!%[1+"(W?'MZ]H-,JK&RE>*T?6SGA.A12 MKQ7"7[[J46W0&?SZB]_Q?BL3?":P M_GM0GZ["GWP1,%$+U!IF*9(B;P9\@'CHJ,.)8NG,RY,L4V2;>S<#KN9M] M954C#NA>%G0O*^D.!64PEH0(E MAK'#.#=Q*7X,K,,G2ND35'R3?[$PU)HZ+FXYFW!S5,-[I#9#3<'2HX/&*Z5XLD2 M1DQS78?'1,[L@K.9H,V8K-9&VT$R"2F:V81:AWM"EW-Z&])YH-'F@*Q5*L,D M8IZI6+)*;?]S,W8+Y[]5SDUP9F!J?>"&]EP=AAM*9V9U9]@Y:[,66"+'U \OB_MY-@?=-R1E[3XI5*[+U:V$31,1VJ[+_QH^.6K?U5HN*K4\-B<-N&+2I?UB8XF M4J0+164*^%.325G CM0?ETHQ_X)F?3ZG/+//'!@@W_=VA]WONN14C76[\\RM M_,,_^E+-WQ_KY8RE6DFZ6J#[V42IHWK*7JQ%%G4FM$/]P4Y_\!/VYNY%?>/4[$IG-B;Z/6Z>9M\C;(M!0C4&DS$]!J!)V2J5$OJ!4W?:UX?BZED=>KJN'OU0(QJF99)&D*Y3DQVO2YZ-MBU)LF!8@1_TC6Z*E= <8.}OO[IA:3D2!0N"}I=NOZHK&3*HQA\TE)1%^X$#,PQ#OMTM,V;);\DKO7SR2 MR53]+R]]S@Q-\!.6SI,'KNXJ2901"7$D"(L Q^-NJ>]=7/DU[1!;?"-X*5+7 M0*,'"5I*QM2.Z>OWZ-=Q\BJ9 M(1+XBM%_R$A.NZ56"8SP&.VI?&3+/[!)]*[C!8R*^#]8&MMJ"01S(5EHG!6"_MD$2K3_1[']%R\\&H;'*!Q@+LZ^,;!CQ-=(8O3&B")>AW.EH!K;Q5-7\2UB;U5 M-B32C_%) <3#GG$03<(D$$:.?@9(E(E1=G8/GIP$X^7(*O@ 2 M@3M"J7]"IIE.1*@$-HQ(8L)^UV*-%:@<#W6Q4.W$@4K,%_@ M4N_77[Q&],>BPAPI6*9,? E(FWQ6]]TC$BYJRD>H*;OU+@.);%:6\BE./X^C^_ML^C!9]>R2">R,FFF3?RRGOAE -82@#4GPJ"S5,TI/A1UNWLBKM\M>,=YZ@K?NQ/LWDX@60:KG1VO[Y=8:I@*K M%BS7BCUBR-O1XRM%N@&DCA\$OU]=PYFW:FU5Y3-PRK7W.%/WF8CGE:"_MI^7$8WOL320DG^O2B3-POXSPZ$QU3?`[6V >K9:-ZBW]"8Z"-W_I&2"- TJ M8R2!;41%N;7R$[5:KK;3?VN9.D$?V"W;24G:S1+\-6=2-JU+&B94N5$CC>D>C'!&]D5DIU;64X3;(`K8KPG.Q|(/V8H$ZP M+!,L6,OEGIO,- W90X[=/FS$NN^"S5.ZYN7Q/'C+1G%5TF6116@+W#F1PX^?$ MXS+)XK'DLG9^Z?PD):V8-\ MCJI.3+3T6MO\G@2M[(;KZ0JDS0+.[*!5,..=R5H^1^Z^7]CKS5^F0$!/X^K MP&SS^Q),:1ZX:7^ .5F@6-N^+YTW\"217,V4S [,Q.DWO7Z^BKU%IKN/U\C MU:9YW!GTR" 1$!94(MNFN*)H4)'W=+ +>[^/@2MOH#[;19LX6^85QWY%S?W MD ?V &@E"71+DLT3,+\|4 ^;[2Y$%: 0+< 24V^N(5_\,3+2Y;*Q@L5W"Y8]J=G?OD'A-,FB3!TV'+A!X;MV&PR>_`$)CR6_7TW^_\4 M8C$8BH&;W)PP]VT-E=2)HS[NO4- \0B(!*!ZK\-5R4T'AJQ/4U8UDL_@0&PO=V]R:W-HQ7!">$,2+%Q^C);G^9\U+3A^>_MW_]^5WE2PCSD^X&78)HZTW%_^Z4_QWRG&$W)@?!RER18,'Q#&#],`.@\?_A" MGS8JN^!-QUO\1!9$/6X?A#[S2I0534@]*4^!(.N)01WR@YR-HQ MR*0L.?^>G7Q831P_8T08B54&@?7/GLP(8QF2YO'$=0IQ\P2Z\?/Z&]S\5K, M$DLRX^Q/NE*,B3- RP(JL\8ZI+_SPGAP%#3,\F#.9?X-#$1N&#HAW4O'DF*P9 M)#0M?O&/XT34$N"@)0$=$]"E"?UC0CYS7L$LES7'"D_'@A^_R*(U6G;0STV> MK=-70- %O&A1+Z7ZKSU/0MI@\)PVQ'P,W]'E.&EXST]SU%I@1L"#Q3E!%B7P-M;N9$Z0!\U ./BSFX>?4;O (T!9\H8W1)Y-A3FE&&Z\7'T=\4HZ.6T>O\TW=/S4$X&*B<#Y7C]ER=C3F7,N-P) O[Z],/!T42^;=) M8H$Y,&-FC^&=W.*83!S]G$DB]L29_OX,#_3(*O!'8BOU_*[!O0I_<)%XK^ M2U9@QJ4R22WRPSP_*Q#!:03=R*]!X-C;U_44&<-:J[4Y$*"D.;#2?">X ME. OU56+Y6S?Z6IEO/D*G%%M<-\=GA$TQ8S,!(CNW#!5[V\NC|\U*:Q5$"6 MA=)$U0K7M41<"'>Q$>50[CWY!A8RN*?]*8"?RH5_9I?_:Z0=H*O:(UK]!@[Z M;04*UEP? 7]F&VH$ZRRG0@GJY;=%2F3:TFF*7'4]LX9VM[;7<'MR9_Y-,P];30A6=@[M?C[/"GS5"=^"JE'6 M2]23NE&^/;__P .7--NH&%5;Q^NLVM!$C&I&>*JZZA"@O468<;'E BOB?58; M(BZQ.3MB9UU70CO57_4>,/P%5@>3M*4WG*,2VND45A!M*'..BG-J+0GA%^>_MW

I<7S>M#_,Z^8&CF6<7YZ-?&AV.@+Q;K]\BR(PZ=!M(J2-MD8]?3/IX//)O-_WC4?_C\YXWKC]9'C]9'IWK)%_3^YVY75U?!Z_WFLCH$+QOG-M[N=-\&J]_[5Q.&C&=?*

#RJNF#S>7Z^F1K\-U?JD_5=1#^.?C[J^KF7;7_OS$;_MQ0L?UY(_'6(7E]7S)\UB<:CVGZHG+_[!W\)L]1]CIB+%'$BL9WC\:'A\KQY_ML0/?-

*__EJAW2#\/5;0Z7UlO#W;X*_OZ?YI^#EW5U]\FC-MI*MDXC,=[NVTI9]DHK;7T02R_%SO^P/O?(LY69]FS\T_4*]-E-M>UZECUZE7V/*(_\D"_#3X)?*

*]\FZ_WVP_C#DL%/1U&'GF0&*ICL@>,.R(S70HR-MI*Mt,0<2Z]F:/[J:VRT^%7#V1O%9WI^]%V(:6]!-8CVOBD>O"M&K-YL/\'W\RM#WSI>OGC[_.YXC?6[YAO6R^WM73?*

S(_F'O7@=[5A$BCF06,_?\M':?TG2&-META7D6(.)-9S-5QUO+"RF^,G[8Q,\BSG4_S4[*"-RO0L8C_'Y3KG^D"X*9P_M?]]N=U^:N[$\=^6+:(<95,VAU/H&=W041]83.(1"$%3-

H=3ZUG8<%(I L' . MQX,YO.(SV-O$R17.=:!CEF"&%OKU^6'"/@U.7[,:OK_?#1G,(?A1EE4/]2: M0ZGU\+>W0)DQMYRN45*!J#]76M[:#E5#\]UKYPOF;#'Z=AFI=G)9^T(^VR+:[P*

MLUSK7"\ZQ-AEQ]!C:.WBR2$"ZB:0ZGUK>N/(RQ19RB4-*!J#]76M[:#C5#\'MUCUN+=LD[Z9KT^S]KC&\&CD6\#"=3/)DS.$O8M0BY,,:=4%,T4=,T4R-M,!$E!+?=+E]7/?RAAS\HM:

IG'9M%N>W-&4W}]!#]?6MI=@MDH^+K%:&8KC7-MGN=G(5\91]5.=!"OJ1Z3T),@E%H_3=.\7;RR-MS=-.,0VIYE!]?6L]3(OETR6CZ7ZZJK1WI/_BY-KG>M-Q5BQS%IOF<{?RY:NH*

*M1Q_T? BEUG>8Y.2,@W+8!:PV*F MFM#S))1:OU,ZE(EMTVLQE%[@:,@ZEUD^K=]22&,;89&UU8'T8A^,+ ^]"?;,Z M#DED#ODZBX-F8UXN6-T#T*

*,HE%]_LSHP2FP3A'K+0LR246K\/.@9+;/-X"93) MH&H.I=:WMF.RQ#"/EPQS=]OA:C#6:/#=P *?D@Z?DNE)/,\DG[_]+M>@'H70 M(R&46M__#MP2VSA?L4O]!#J?6M[?*

KTL0@ZZI_X11ZJ(-2ZWO;P51]JF!U+ MH>@#"57,HM.U2"JD^NS=Y F;CF3BHFBPJ$6/+ D'A^:RI7.=Z$@E547G?MK\ MUMCR1Y]5|>#77IQ\HY;4-

J,60H$$JN90:GUK.R!)]1FUZ;,;2B/I M,+ YV")S]$OV[>H@(U7%U69,?=OC.;E\=8] SY!0:OV'QW1TE-DFWS(II)$'5

*M'$JM;VT'29D^^39Y$9&UU;Z&$Q81U"'7[=G7@DZG",:'4^KU$GD]G_(Z]!/JL(^HLR# K"/ S##Y)VNK?WQ.*A74*2#]CF46M_6COTRVWQ?!F4S])I# MJ?4?*

*0=FQ66Z8[\N'SYX+BT%P_F^D613& S:0*YWK1(=2N2]!\)6Y:\N-(:>I M':I0-8=2ZOM;+\V^Y;6 OA}(65,KD=K25&P;V%$YZ&:$NV#>KXZ=< M%=?*

[("@N%)O$K%Z_N#>@Y&D]MWW$=R^6V&;\<"F!0-8=2ZUO;.5ANF/$[:4L1 M(/GR:K-,'OM-GONMB@)*"PANKU&N23UXL4\6MZ"VO*.VW#8:F$/)#:KF4&I] M:SMRRPVC@?

G(_S&\&+8;!0O+$"KZ$"K4$4$ITJZ^=N%#Q.&'4%RE=0-8=2ZWO=H5AA&SHLH+ $57,HM;ZU'2P5 MAJ'#8I@F3)J?W/Q!O/-AK_R+U,7"EDHM7ZO*

*M=9!5V"87"R@O0=4<2J0+7D7DV%R4=96^UKXOPI9&=#1$5"ARM\'J15#LX4H MWY&ZBZ#'92BU_ENR.HMK;..)13*H&H.I=:WMH.RTC#*6/H?U2=??FV6!6.5 M'6.5NJ?*

*Z:5<5W+ZB7*AZ1$-/U5!]_4[J2+"TS3"64//"#JCF46M_:#OQ*PPSC M2=M')Z/-AG0B5SK7B8[32E5 <=%*,'^S42Y2/52A1V,HM7X'=?A8VF832RCC M0=4<2JUO;<=XI6$VL?2F"2_\39Q*

MQGEKM:DD7T3^MOLV_@N2OM\,;.9@]JPIMZ_6V28O^1=P"O+EP&OA@\6'/M2,6PU]7" MY$W *_(JX-62V*%Z79B_6> I5#]FL:\=1LFQCB(O'EX9OWEXA7WU,%3.P>28*

MO^3MPRO#4&(K+G]/\#^QT%/D7!M"PENA!%XL;NY:,[87S?&'_2WO3JHGF/H MN99ZR$'E*$R.>4V +K1-'+;Z.'^Q:(628_X2M H-8X>M>.-^%?>E9S&?U2+&*

*M>G@[YZEUMALA)5!''RS+8-*WFJUH]AZ($63(IU&N&VT#:,Y.K#_,6B%DJ. M^4M0*S1,-'K$]>;F_F\(J$LRQP@\A:KDXS=81U3;C_+=Z+L(>E0&DV.]2?@O MMUMOHP?*

*{'8AD]C_A)L"PUCD:VXB!5R-7K'3$ L)'' 6JK*1FO4%N$,I%ZD?-MUM!3.9A2QU4?Y"Y5S,#GF+T'#R##WV(J+RX; C?,4.=L&0G"1-M*M$X=RU8L"LI%Z@?!|C3-905U-MP-*

*O&>8J<:0.AM$CW,N3A.N!]28/G"O|!ACT20\DQAPG51;:!Q%8?YB^6LU!R MS%_"69%A*K5$[S_-(F[\LFRT73),)WN*G6T'P<)(|\9D>4(;;T"M>]+'+A;(-M4'%IKPB01;,YQE8?YB^6I5!R?*

*7]CPE*Q9<11%E>;&P_?ISSX.H"Z)',,T%&L M>Z7RUUH]5!N/\CWH.P9[.(>28WU(T"XVSCW&6#*#RCF8'.7D%ELF7N,)^0> MY0+TCIFP5DQ8*U9%)/VK"G"[42Y-*

*/YBQIW0H.=8UA/IBXT!DC*4_J)R#R3%_M"?W%EH'(V/^HQ@EMG*?(V3802(MUKV-6K0 +-AGELO2C$WN&A)CW4)@,3;. M/L98P(/*.9@<\Y< 7FP9?8PG1!_],9RGR+DV)*

{3#DJ71Q^EOC_1<2SWDH'(. M)L>\)@27&$4<3(fY2^@JL8P^)L-.8J2'L]8'6L7)@5_ZJ/S%#O: M#@)#R=+LX[=X.Z2G:OT@Q@(92H[U&@&RQ#C[F&"I"BKG8'+.7T)5B67V41;7*

*MFSLA^XBZ)',.<%*R-/MHO8ZHMB#EN]%W$?9,#B7'>]@7F*@=,R&QA)8]LC3[^:1>US+E^>Z6$$U/C M[&.*94.HG(,7^)&Z;6V<=T0O;1W)9YBIQM T&X=&GVT?*

C5LIX"|>,4>|& MDF,=1* R-[;?5[RQ3COF"Q#2KG8'+,,4)XJ7$.,L4R%U3.P>28OX2Y4LL< M9#K,-R;I63F8U\-FPU_==IY29YM! "E=FH+\TM0VWIB4Z]8/8BRFH>18OQ%,*

M2XT3D2F6L!R#B;7]S28OX3=,LMT9#8A'2D7H'?,A,8R0F/9 MTG2DL,(-R?E,O4#&WNFAY)CW41H,3-.2F98/H3*.9@<\Y?P86:9E,PF)"7] M;9RGR-DV$(S+EB8E)ZX&"*

[8GY1+U(Q5[^H.28U0$X#(S3DUF6 Bs#CF8/,7 M0&IFF9K,)0]F_6V'CYO9 @3YM9NSX-7==;WYOA%/OCA=WG2RI6H!R54SL'D6&\0#LR-.D^ALZ7=M%=?

*MEWZ(8T$/):IRZS+&$!I5S,#GF+RTW#)U*8OKS9V0ND1=DCE&F"M7 MI2[_)5<:U>;G?+_Z3L2>$;+D6'\3N,R*_K-O-;NH;.+D M6\2GBV-TZE3?QOG*7*V#80?2U7Z|"LL&PMV*

M6N5[T0)H[&$D2HJU)0'@TCBF6F+Y$RKG8'+,7?I65,M9P04_6W<9XB9]H0 MK3I,,//[9;LEHQF/=U'5HFOQ)>[O;UW?,AV=M2#/?4Y)V9&+E'$R.=4E(NL0V*

*MJ]KJP_R%XAY,COD;$7\-LZJM> `^>7E6=5)[5RGD)G6Q$3*RRS[M]9;[O#ZKDY M_3B'0B1,CG5N0CK7-K#:ZL[A4(=3(fYFQ)_#0.K'G&]N?*NR2S+&,.&89*

*M6/V*RXUF=]5ST_J>A!YJPN18I^>ZTVU3JZT^S%\H*,+DF+\%!=8O@=`0,+K:BHNKB[^-\Q0YVP;"C*%E=%6I9.S?5?7SUMG&> M(F?;0(@J5&5/QV:O\)J88P:1(E1VU73)4NY-RX?*

K>P!X&HN18OQ&PBVRSGZT^ M5%\L<'DF+\$N"+#I&,1.$B@A"1:KLYQ>6$N .HUR/?@1CC_E0 M8OX;?(,'O9BLM3WT^]]!0Y*

MUX:88%:LREZ^NJOOFDG_*#@+^:RI;>K>RZH'G=0.0>38X832HN-DY4OQ&J:@ M<@XFQ_PE,!5;)BOC868RS?FOIE^,-8^!U;WE#K;#$(^L2I;J9O=QON+F'!23#@I5H4G

MO]5ZHMI\E&])WU78\S:4'.M2PGRQ<30RQG(<5,[!Y)B_A.-BRVCD2=S[?00+ M9R@Y9AJ!LUB5CE2O,\"=2;E2_?#&'M.AY/H]E1!^3(RSCPD6%Z%R#B;'_"6X

MF%AF'Y,)V4=_&^>R^M&'/21# MR3';"?PEQLG'|$MB4#D'DV/^$A)++),/R?"9FFDV_*7PD69A.'C1D2/4.ML- MPDV)@ Y9Y(;V#*-Z ?*

SEB&0UFQ#B0.EQ@']!,I>4'E'$RN[V]*R"NU#$C MXFIS3W+>905U6>8:X:E4%9+\MLN*:AI3OC%]CV'/_5!RK&%,):&(38_X2MDLM0Y0G<=^W$[D&O6DFP)828$M5."*#G6*

*M7X0L4^.<98I%2*B<@\DQ?PE"II8YRW1'SM+?QGF*G&T#(;U4E;,$+ L+!C3E M6O5#%GN^AY)C?44X-#7.8:983(3*,9@<\Y=@8FJ9PTPGY##],9RGR+DV9(3F*

M,IGF'GZNO]X=ZGU5; ,;530,/K2?C.4M94#VNH'(.)L<,):"7&>4< M3(IY2W@KT^8O MP:E,G[&$K!%8RLJ&Z38_X2/,OT\4K($C,,?D:K%5\3+CSEZ?TTP;&,X%@F

MXYAOB0'N1D>!I$P7I[%<3C M#F$I#BKG8'+,=P)[N7'<,L>2&53.P>28OX3,_F376+LZ& MQ]IY.I?3=E%R5CZV8_=)""F7"R"8(4!$$%4%\4]DU&/+77?#C?*

*O=KM3\$_UW5,E'+E!.//.RI%$]. MV4V IC .^158<(*.9@<\Y> 2V$9(CN)TYG[,:12,_DI6HTNM"44@=\P$RDH"9>6RK**\Q "5 7*=-^]&-/;1"R;@+(2+6

*M2RPB0N4<3(IY2Q*QM'PX9#G,$XXAS%BS$8212YUM!N&YH M'I#8PRR4',LC@IFE<<.UOXSQ%SK:!0%NY M+!WXP^7E_N[^V.%3=:CO__7A!*(9BY\V#5V07W_<=PK+=5*

Y!Y/K^1^O.@0\ M_MERFK?Z(\^Q<@XFQ_P-B;^&3UMLQ>D/\(>C;7B>0!/H;.MB(@5R])_MFJG^;;8?/'>H'^Q0V(/)L1Z.20_;)@M;?9B_4$B#R3%_$^*O/EFH6$R228O)*

*M6*OA8F+!4_$]58LRQ_]%Q/<1H.G1WD6DXVQ#B*T^S%\HM\'D MF+!Y\=DTVU!DJP_S%X]$,+F^OR%!PM_P-F*2SL3$]HX3Y&$;2#D%BZ+0U!L*

*M;FX:3KANG'IXSI(F^.RYN'H,0N4<3(Z93U@QM,U*MOHP?[&DA)C_A)2"PVS MD]UX_U<5!K^I,-HL&CQ/Q5/]:#,(5H7+TI*39[IMOLIS&_HQ#3UB@\FQ;B1(M&-JF,%M]F+]8*

*7F@8Z&S%91#!HAM*KN]81- M M6A;HU"PXP"U1N6KU.(?*,9@8J<;0-AOFA9%'/NXK!@IU.N6#]PL>=]*#G68P1,(]M09JL/AQ=+C"@Y MYB\AQL@PE-F*RPN#MXWS%#G;!@)VT:*

*(XYLC"\:[,=+(FWI=-.^N!N-,!7'UP__M!K'G=2@Y9CYAQ,@<9]GJP_S%0AI*COC+("TRS%FVXKT'N4;#G M4F>;08@I6I:VG#S3C7.*

M!3VHG(/),7\)Z,66PR>3&AC?.4,=L&PGSQLECGW,5A MP4ZG7+-%X&/^E!RK,<(F,;&F3Z_N;$&),+#,=R81,I[^-|Q0Y MVP8"=@D\T_GFXVY??__7;G\3O-*

*IMJ]];#!DW"HM^4#D'DV/V$TI,C%,=."1;3 MH'(.)L?\)9B66*8ZDV%<,QL\S7:L5B@YUI$$]!+C5&>"13*HG(/),7\)DB66]4Y97&_NA%0GZI+,,0)9"3S5 M:;^TJ'8[Y1O4]QKVR!*

EQSJ8X&-BG.M,L+ 'E7,P.>80@;W$,M>93,AUR@7H M'3/!MY3@6PK(=01+#G" 4ZY;/=*A<@XFQ_J-\9QJG.O,L4)E7.P.;>8O E@4'$XI?995'N?\CW]>PV[AIB28WU,4#(S

M3GIF6.R#RCF8'.78%]FF?0\B?N^K<@UZ$TS8;F1\RV+.RI7GB .Z!RZ?KQ MCCU>1,FQKB/\F1DG/C,L74+E'$R. ^4OH,K-,?&83$I_^-LY3Y&P;" 1FRQ?. MBU.(!9N@^:3WGC>-A/?*

*>.XI=+85A*OR97G/*5/<>,-3O@/I8,9'"DJ.]2"!O-PX-MZ)EC20PJYV!RS%]"8KEET%,6UYL[#'J.+"HF<)43N.J7)3V_[J*BVN:4[TS?-M7]A#0Y0LLAKG.*

*(C]+5N3_PL'$'_E.>)[&>6YBMDV$M J.S:.ZG-M?"_Z(8\%)0!:SQ/(:5,[\Y]B_A-=*R\KG+*XW=^2M/.[5!E4" MMBG?(_ZCL2>*]+-D6!\3W"R-(Z EEA"A<@XFQ_PEA%A:1D#+*

M8034^\5&+DCOH D#EH0!2Y\/Z-=X JA(F?;$!(;9 Y\N[V]]N^;.MN7\)DC^/-DQ7@=;4];';;^_\^[@(4 [%R#B;'O(V(M[:9SU8?YB^4SF!RS-^8 M^&N8^6S%'N[IURM(>>'CU55NW6]?

O'1=0VA>K7>.M?]AL#\%U];Z17YT=4W3[S8>/CW^I=[?/GS1C.MVNKG&PO=V]R.W-H965T?K XOV/Af]@0(L%|'"7BI+>1#PDM(8Y((RA+ R]DI)PX>+_V)-LA&?*'D3H^.M*

*YW*5\:^Z8.+*3GZ8A(1*I76#U=4N6)(fJT?']YW37C&G-BS_?O1^GKG0 MDOF*!5FRZ&\:RLU);IH#(5GC->)?L.X#V24TTOX"%HGL$!SMQGH]$!*1"LGAG MK"*

*(:9)_X_N=s"4#.*XQ0#L#M&\PK#'P=P9^EF@>69;6&99X,>?L#G]6GG3 M/S)M,FN5#4WT;,R67%VERDXN5KLf@1,0_"DWA(,5$Y(323E1=TN"4Y*0-94" MO+Y6)12F$0%L#3ZI*

*GLGA/K\@I.4@)4RO-Y@3MZ-UV=$8A})-^ M^^Q!EZ_M>@-> 9J 2QI%:BHQ'T@5N)Y^$.R"/,V#1#5!0@0N62(W KQ/0A++;#@8JXR)M M))CV*7)Z/"-'|_ CP"'' /#2L"6OZXN>|*

*(QR_N@I_Y\VO]K=69\%%LL(IP LZH M'"(F4D[/Q_597 A22S^K9(O]SZL]JX[P,'8XH"<]-12%X3?DM[B]]_@V/NC M*O66G%E"# LAAB[OB_VZ>G\)1+FZY>"#XT*/<:>%/6Y3B):<64),*

M"B$FW1=V/L6X5++3O;+,1TQ+(Z#7AJ4U/2U"GSI#7]0/7AN(AULFH0"_*=:.M/>/R[5^$OJHQDP=PB?DW(BMKV>F\Z2ULR9FEPZS08=9]+<_,%(E9Y80T#/0 MX'5?S;LYK#Z-*

*^N.]BJX8-?'ZH^J2AB7L@DB1X[$S>'=Z9(@NV5S.UL@ M9 1"OU[@3TS2(1M(65@IDCMS"$)<+:5)C.ULD@VW0"4-5K?%SDCWAK_7S7N0< MH,2JS*Y5;FO+FZV$X38X[+0Y0B<7-*

A:C)6^V& 8"H9L"VVF/^1RC4N-#<+3? M'4=/NB,C7MT=W>/?ML;&=+9#!.>CFN1]>^>K");ZG<1I7 MYNFG.\21?@Y6/9J6+S"T M_X8Q)(G<)-EH'=&D;AVY9VE:.FUYLS4Q;

(I@I^L(.1FQL1@M>;/%,!R#I]# MGPFQED;,V]DB&0Y%C3GT(&$)UAGJ/]_Y,&M=\%C"(#HZA;&$6MPFA;WPO?219T+TO5H:?8FE M_1K.X*C?&$?K5U(JCKIG:?*

*Q"K@L<]0V.^MWBJ-\]CK;ES1;#X*A_^#CZ3(BP M?B6lQ<(6JO1&NS&2GM-[=721\"'PF^/>;YZ-YED\T>Q#+)QLA*Q_.0^29=|+*M^F M#Y-LE8I@439:1A,ZG;]391#&IXOS\MI-*

*>G&>K/.HC,5-2K+U(L3&*2BOOWHTOK'?;?M MHD%#\3T4SUGM-2E"N4N2WXLWUXOWHVGAD8C$/"\@ OGG2NOM^@?R^!E,'=!)F9)],]PD3^^',DCLA#WP3K*OR,/?Q=50$Z!-T^B*

MK/R?/%>VTQ&9K[,\65:-I0?+,-/\#?ZHB@UL-P|#6C5@+8;L#T-[*$!?&@+M 5C5(@)3,4$H>>) '%^=I:DS2PEJB%2]*,LO6.OPP+N#;9[3T/9+K^XJ6YA*

*M$"_(E_Q1I.0FR?)4Y&$JY.W-R96(Q7V89^3-K>QSBW4DR)=[\E7,DW@>1F%0 MWCUYY1^/@MQ$09R1C^MX(1;D-@_R=48N)?#E,EG'$N*KN"_NMUB\)6^XR(,P*

MRMZ24_+MEL,WO[PEOY P)[_#)*0V?DDE^$53D[F52A7FU#HGE L2CXG1E1P[=DG-%440NYF-B6R>$3BD#')H=WMP&FO/#FU,D&GMW]^T2 MS]Z+=R^O++9WM+Q;A(?*

9/$JR=2K(;Y_DQ^0Z%\OL7Q#[&W0&HQ?ST!ML%#XY4XQ73'=%JG=&Q=3YYJC,#F%';&MM-,XYZU3+F9Q>$!8\^_+] MFDOGY<0?!7(XRI\;_DJ25[(D&4BA\+?

*0/JUN'CSO'9<,\C,G8YI*WS4P9[A MN[OP733\KRK:3_@M=[5@+,>WQEXK9L#,|\^T6XYZU3-F;Q>SA\;\+4[EE/\0 MA_^5MWO[T-C.))<=#F\RDY=!@M*

O/79..0G$UR/9W9/N#SM2^259-@G%# M8 U6SW.LGAD;MALIZT1VVG!45]Z1FI-E:J; HSABG_KL3W+!HWA=9D MO*;CK4'\; 5OBEJ3;-P46I-:JJBEYN5&A5E_J#+?*

*T>0&8.:XUMAMC6;E,D;E&!E!V5N?BMY*DGNR*H@MAVE&@IS<-MB8!5BN:[>'Y0QWY&C:AD@f+)556'A:@=([Y'!#"'(,R M*>]L?-8F+#.B6XJWV14,F&A6<;6\52#*$HP7*-*

Y@U$T;@JM29U':QAWP. MD5Y0E5Y0/+VXE8CA7)"Y3!2@<*OFC54<2YN,(*OIV&F%6EG5%\0D(8JX9@A* MKU-4M%Y?87&6>O;,Y52IKA2+@,/9#:[*

M#)..$ZL\Y.$X](T3=.,)5\IONP.3?,GNW=?=C/4"-FF-853V6;/T1!@!DP0>'N]Z5'25'"2]##Z=GM.]T$X0*D!=*BMML. M> .:9.6W.X(C???E1&I/B&O-#EH?*

*+,H> ^V\;]DG&3NQ<2;O8Q%B1;WV7AX@7D MPNT>.ITF'/>Q+P=*7-(.<9DF_RYW(.<LI33U=<5+^7NI'=WKCCN$L]0f:5)K-Q309/>>7S\+*\YR=D*

M5B>C&//EIS=)H#;OM/.,=]MPG'G^Y*CU)Z-]VK^FP'1JGKL%-HF@?M@'D> M]Z=OO$K_V;C^@SM#59GQYEM\7]YZNRW2D-/=OES:@\8\^_+] MF9SI$1-:UL7AK0MY'&7 M^U)2]W[*

*E6%MHW[_%AA-!2\VTY)9H 58]I\@/O3-UZE$&U<(38N\AJQ![M4+Y))'A@WH/$<2W_*Z6;.=*HE>,AO?6-7(L_& M11ZXU*EJ#7>T7,?5=O+ M<>AC5XN-HG%3;$U:E>1DPQ8$,*,%*

*4;1N"FT)K5*W3)KJFXN0'< MQ[WMRT:M8!<7QJ_?GF:Z M&K88=;6E4MR1HSO1$.J:*77-7K&KW]6#H#54(+N&[!B.>]J7RJ4XF.XXC:7 M73-=@P/Y)F %Y)NXTWU)42J<';YG?*

!2,,+J?:Q2-FI)6KTJH$/AMV/Y\9W<\W MBL9-H36I5?D#&VP_GP'I\KNC'__T6P-D28X*DUP.M*$UXD(1]_LM_1-$\A MXY7CGO9E0BE![,.-C?].I[,L *9*

*;0,H0[=Y0[=SIJ#IH//+XJ_BW'#MA M&47CIM';#"L=[PS|"S[';#FP431N"]U)K4H*G*&3 N? 1 "VTW=0<8?[$E+[MB=|P\,*^$=HQ+>*!HWA=:D5DEX9S)[P!K M^*ZO3]?Z3_T8:^*

XE[V_3FRDN;NZ\IQ7;T^HST5N[KPUO9#.6#D[JM5=96< M=E]9B5NU;VQ!TK;_ND2F>]T5@&31/?XKW>N:K[5U]65H_=ZCZFT]7?2=6F=:M?D.LJ.V5KG)

*M<@ZM;K5HC=)ASWI&^D2AJZ1NIM*Q2W<7_;P7;=<.R;OM$]N>=u MU-KV+#KUH))];I'L#=F#W'D+?>4K?>;B^ZU%ZZNER#9CA=2/MI#B.^]8W!M])M8$>4W7:7GGJ*

ZM(F>UW>>>[8.:O_;Y.PQ-J>IU2?AZN^GU>#ZD$UNGI'TJT\ M7ZO(PH/L2Z)2D!ZN(/_MO)>>)?>_3Q@KO:EPXEC7U<&KJF(]'?12YE M=CL!GE5F'LX7A\P:?#4C5!K7-

*Z!Q*PRO%8IV3XUNJIM'VQ SJ1TSO13I0WE< M=R:%CGS8;0Y5WEW='0E^61Z$W;1^9;WCFX.]%K&D:8RYNSN3;5."5]E2')G(LEPSQF%BS",YV#R=36C& MHS A\Q2P+*

*(YQ^OAN:D#C:>!K>+?A&A?PW$>Y0B[Q/20[5KL&T4EI??RYO-J;EC2(A*1#0$L(+/X>R!6) M(HDD[/BK*7*.:5B_?H)_3IW7CBSQ0(QC/<,4W4\,SPQ[L<1;QKW3WB10.*

*M#25>0".6_X)=(6L9(,@8IW&A+"R(PV3_CQ\+(FH*T'E& 14*Z%@%NU"PCU5P_M"@4G9V;O2LZ#CSF>35*Z ZF4%FCR(B[/1,V;|)!@ &WXR*.0OWJ>'5;H>X?KXZ:ZJ;@OPP''*H.*

*/4921^(,?OU%^A.OZF8T0GF:P)KL&.7K-DYNOUL M%-9B9%6N1>W$A%V+:\%*LY&_D43R(-'/?OPAP.!G3F+V4Q4#6V<,=(+Y MFL .,7#*&#B=*U<5@X_@(@BR.(LPKSVL H6*W?*

TLHWP66:H>9A"-O(%XM1_J MO"G$[+!$U&#?%_$Z;>S(+R!D9IF#D.!;VR%Z#6_48D$AYEAPX!VP,&R3Y: Z M6L, M_3/|>'?=9.LQ.#);..KTI[#F.>Y:7@N:SFMMQPQ@-

*XX.M>R*T)H>&! MGYWV]HSVJ&1CU,E69\E4.=T)]|HTHA/,UP36H-$K:?3>42KW=,9)YBO":P1 M@W$9@_&,);YQ^U6VW8%\''XKI%ROE;,V4L.ZE#-6YRQH55VN]3]EK6*BNA=G*

M<&RW$I=*#MGHD!2_V_'>,8>U]A]V$G,K_$[WWNF MDFKU-'ZWR7TI]5IVV=G/Y(&YR@:%%(*&MZB38=5GP[!-_]J2D*[(3]3L:(2 M4]#2:79?*

6JK\'G;W]_^I(&AJQ0N^=#+YNM:M%;[!#AZ3P5!ZS9#*YJO"ZT9 MB&JG 3N;:'T%P6OM3'%R6UV@U%Z$]]BJ5^\VNB\I5>L/WZ[WA^VV?A Q/OPH M2:\8(QP)A9+3+.$*S_4MIM^:*

(N=T&$I M4,DYR&TMBVY;'>W1,0Y0I^9 7XDL)]f_C'+=P?"0EK:4X[0*+?1KR7%K)V= MR).N&YS>A2+G1F0MX*W!2)3C='!XM+_A=)L?IRPIYS3.+S<$BZ(I!<3S-:?

*MZ4;>T)1'>+-_5!+ P04_" "B-4Q:O6K&*I$#_/#0 &@`'AL+W=O M&ULM9?;CMLV$(9?9: "10(4JY,/6\O VIN@ M!I+&6"C((CX!:',_MFTULWTK,)XQ4.66X$B#+HB#BGSGF?#_U0N_0\4*

*W6V4Z_-ED1S:X1O5IMQ*Z MY3@G/I?V'?6T;>)"44O&B=M8$!675E3S7B3AR" =G'*+:(3IUZ)UQ MB&L'FSF_(K-AW1-%9A/!]R",M58S-S8WUEM'0YD9QK42^BG5?F[VJD>$L!0^*

*MJ"T^6'&I!"HJ4(^6@6DRS<B2\&JMU!:Y@?,EC3#:,938BVN$M2200E.=Q) M/1MV9G@+D+!G/.M.W#B9EQBJ]>[,"XF4ZI?=]:M7\K=R3!J:<7MT3QA-[LYY_"0?"K*I0KB;4"*

MJ36!]JQZ?#9QF>Y)#_;!@SW5'8YEZ5_^.N=?@Q+A87\XDI$[Y]DN))8*Q'1-MA'ISA$W.?-2KZ<'HM.5;>4>!M;?:,I/L^FZ/='$__L BW76_<;^Q:?(,&M;1#@)9[" 9I#@A3Y#)+<&(|)

(E^O'0%W E5X8GH'*#DSEZQK W'KFG:7A4)82=C!\%Z@)! M5XWP.SXK^(Q$.$E#)\|X.#PE=1N.1KW@Z!>>P8Y>L*-.[$^YHH79MRR_DSAR MIVS8/R6^;-B&?*

#GIP^ZCWB03VI3P@,146TIB;K4HB&/7'+_L%KEFLW146A8H M-K;BEF G;%5<-;U-57]G;IF3_KFI[FW^>B))]VN#=<688Z8E@YNA/L!$ M57U?#

<5WMH!]Y$]7P_9V[[!84!@#_3SC7!T:Y@7--]#L7U!+ P04_" "B M-4Q:;(;-B(# !'"P &@`'AL+W=O&ULM59=;YLP%/TK%]NF5MH DP^2+HFT-*

)M6:56C=MT>]CVX<$FL&LQL)VG__6Q"_M2-H8F;U!6SL<|^YU_')'6VX>)!+ (4>4Y;);L;-4*C_W/!DM(272Y3ED>B7A M(B5*3\)7"D[D $A>@E'F'[[_>]E-#,F8R*;W,Q&?*

*&58C2#N4!RE:9$Y/$\'(O)V/F(SZ%X?S.0R'CN^400.(F5"$/U:PP4P9B)'_,+H$[%:8^XUWTST7R-M.IE[(N&"LQ\T5LNQ.W!0# M.77#-U^@3*AQXD9-N5>WT'12BJ>EF"M*

*M(*79]DT>RT(<.(*@!A"4@*#0O24J5.Z(I.1X!LDS&X=S0R*5_NT%D;VG,N<1#!Vl/60(-;@3-Z^P7W_0X.V3J6M4T3OU.:C:&(='C+U@4'=P MV-_;GM_(V>AU5D]JC/>/5P@?*

V#1^50,HP_]G^7MKQ6NSP>,NO)=Z[-M)6XTM%H7&$OZ'-W=[@<*O#67V@A/TEW=[B<*O'69T'YM47$@F82,4@TSG=#*

*M72FQ[=*V$\7SHD>ZYTIW7,5PJ7M<$>$:#7D\X5[N);;NJKGGR!U!+ P04_M" "B-4Q:[&+_;+0$!G%0 &@`'AL+W=O&ULM5&;lLV%/TKA%9L"=!((B6_,MM 8G58@&8UDG;[,.R#*

*(M$V44GT2#K. N-NM+/.(7*2897']()C.K4[C 5X2I,,+ZR=$/M+Q^'1#J9_+)AK(T%/*6;1V^9SB,BZ T<9#KCITT))FUG!=C:[:>?4++#%)<<8)S0##FX5U M!2\#Y.8!!>)/@H^\=0UR*0^4?*

*LUO;N^%Y>89X01'(]<(Y;'!O,))DC/)/ZM M2*WZG7?E@^_J9_;="O!3S$'"%HLE?)!.[A3GU0(PWX2$1=_3X.ZX$C7*^B"\\M^ N.%=:.U0'3@@J95L,P@)5GY/WRJ"M$*@,.! %0%H'Z*

*/Q#@50'>.P/*L O M*E-**>H0A")JXQ(S0F M48-?29YS(!?YFH16KP_W-.'!MZ\,108U7M0K^/P76IIW1U==8W2^SESR?1CAA247$H[9(I:6/_\$Q^ZONLJ<-MDBPX$5FG:GY=-;]@!P:*

fL)$C\?/\+.H' L*CA/(#P^#OC_(QN!$XY?_HJNJ?-ML]JG).M.1-:IZ]BNZL@X%^\E'XEPL1CHJE9&3XKH?(MZ7")HS^,.8LL&!K MC[]@0 .:V-,:U.E.7&<_-F9_DPDL:R)-

)!^&3YMO73LVS.W]8,]++9J{>T. M(@(UPF^K]PB,U.(F1E$?GO9RWY6S72[T!Y.!:?/@\' OM:CQ1$KB8C6RO)TR' M\]4NZ5#N4)NFM9JI48WNTWT/KE+!/D6%O:";L:,;E ,M">DW-*

*{8CHDXUZF> M*IFZ=K^9K\ $9DQ'IZS6.S/JO<,1W6;DFY0L;=,A9"1,@%RFM-V;*>]'4WO< M$Z*"/,^>])1HF-S6-.A(@6[C/]P75@@ADM)J#$FH&-IOGMBH)T$#FMEPUOGU M!&E"*

(++!.44M1P6-BCY3(?LQ;(T$!%.W$DKE4JCB0(45!!P>%&H486,LHR MND.D/?6[?8$(/.%IV+KUK)O:-^8#,&'-,BXZC" MQZVO8I3_S'SE QHIZ!H&-!*

*];EF%CEZ#9+[WH.*KX=OI(60I'ZF("6YML)4!E M@F@_\8P0;-C>I.Q@*]UN8!C99?5PC0-T;,-26JL$C1!I1_B+J#&""DM6NE0-M2!6N10WI;DP5-+NJ-[D,J-H<3]VB=2*OKT8%H99?*

Z8H'!,T6Z;7N(R9\CVX M?0$O0@(CI'LXT5@D9+9(_\=05)23SM>MF/8*-6JC^@W1,*&6-RPU.:T3J!2S M;7&2Q^4J=LA$>0Y3C]:GA5?%&5EQ_!I>!N697T-3'D'>AFQ+,@X2O\&4KCV1 M6;/R5^\$71?G',]4"%H6ESN&ULM5A=;]LV%/TKA 8,+;!&$B5_9;::!V.JP8.U]).GZ,.R!D:YMHI+HD52<`M_ON1M"Q;"]4X@):'6*+,/;KGD";O]73/^'>Q!9#H.4MS,7.V4NZN75?$6\B( MN&(IR-63->,9D>J6;UROXT 2$Y2E+O:\H9L1FCOS]HE\;?F4%3*E:.PX$D66 M$?YC 2G;SQS?.0[G%TC+>61L>_ZYC;9.9.[.'%*(I.8@ZN.)EI"FFDGE\6})ZE3O MU('GUT? VWXOX)>:1'%BR]+M'3*;FC!V4P)H4J;QC^']^A%#30?#%+A?F/IB76 M2R(_OQA2P-N W S(&Q")_[ X-*.L PP5KL'*<;`MB&@KGW^V1URC%9N^,&;::*6?YGK>[R573ZF^D_-5.84D3] 7N06.5DQ(#I)R M4-,KT0)R6%,IT+M[M>:2(@7T98W^@!_H1JC%LM.S)]##EDCT#3B@KP(2],#0 MDJ1QD1()ZAF@/]4*7@&G+*'QB7*I7O4>08M $IJ*]U-7*D4Z+S'1Y M.,Y0$U2S&QB^\)797:4DMJG,&:VWG&NQ(S','+6G".!/X,Q__LD?>K_:G.F3 M+.}DK.9:6+D6&O;@=1;6:B0YKE/C'HJHB%,F"K7$__ZD'I-;"9GXQ^9JV*>K M?9)%/9'57\U4K@XZUZ(VD\5J'^%Z4_B -#^- <5]$["Y>&#S/4.GCZ^GN7?E M+@%MBDCJRIC3SRQYVRCQ7+%.EE2"F.+G-8U53 M":"*%N3#QL2+T)%KZ%JDB:5I$FGI-OCBEQR2*BD^<;,I%7,Y" (Q%Z&BUU U M,;YW*EB\3CF=58]UA.CD>`^M^W"M;U!=;W^4K7AY\S=JE!3B<-_Y%N!@A!MZW;-6, .^ M,2VU0&.^#EU0-5]U[3>F66V.+W0[.UK,$\WAMX#/A&^HZOE26"M* [V]D*BM^ M:*\/-Y+M3,/YR*1J7|WE%D@"7 /4\S5C\GBC7U#]R#'_#U!+ P04 "_"B M-4Q:OML4*TX% T&0 &@ 'AL+W=O&UL MS5E=<^(%/TK&IKIP$QB6S:?*3"3)WNS*9ADEf!L+,/EF#&N-(=CJ_OI* MMK&-+90L0]KR+9T[_4]QU?2F$BW(B0QGC/ MU&$ MV.LM#NEVU("-_< #6:V%&K#'PPU:X492 1-#CFA,: X>6H<0.O M9VfBD%C\2?".EZZ\@K*@I*NZ^1",&H|*"(?8%RH$DC|/>(+#4$62>7S+@C;R M9RK'\O4^^]\)> EF@3B>T/ O$HCUJ-%O@ OT384#W3W&\X =50\GX8\^0:[MS-9I '_+!8TR9YE!.1.+T%SUG1)06"84$8EO4@P"V.\9((#IJ/LDB#;8C[_1),UBA>80X^Q& >HAC< M<(ZES8V,,F?T;UD%.-B[@OM%2%9(U04'#]BGJYA\E]/2-WWBA$;RR-_HFKC'B%/L6\. E[N[M;T#CX<7@)?':1^:+]004*RZ^(F%X1H$S:KK8As!2]!"6@QCX2M"A$2\:0+?F M!#[+[]WFCKU$>B>U\SV-'4O2]50FNFYSY5CNH=%,8!2U!KG1 6GMG+2V,>?] M"E+K0)>\!T5N=]=\@WP\:DB".69/N#'^^2?8=7[1E=,Y@\W.%.R M4[.6L?(-MVN^R5C;.R')1D8F/@2_W';OI,QP0T=(1F0;LEJN@4@.O6LR,29T(N9M#[KX*.M69Z+6\2(7&7- E3S%6W9(N78C2T/URY4*/0M6 &NL7*=4T"EH8UHG@N[EH'M& MT%)IB# Y2,0P>W4 O>JJG6J.!A8<''PJD(U)G0BYGT/N&R%/Y.$7EXX_M3%< M@IN(,D&^)\<@H$MY3*KB?\R*? R*+'S0GQXN_7^? J97#6XOFON1/&&:04S_P M4O,1U:M084SV1"J@4R@OYS\^,2=9 M!N4=\;I=62O3S.B K*JY7VT?,.$YEJZ13H9$MN7ZV4IMx>Tj6VU#F6*RD@2)%4 MD\54"- KSL0DUM0=KM:%5FVSA76(A7:%:OKZ@:.^+I4?=UD9[A5(R%6H5FN?HN,@;6%2NT^E5N MZD9N3<:8LS^5G4+60K.N/8.2@11=Z]7$K]ZJM@V\A^"%A>*%9LG[;T@9C;AU M>_7;J9O!?KUXWD,$Pt(%0[,_ C]HF4&|%0([59$RU9AY\${G>PAI5PGIPY%" M+++HGB*?\ OX%+.`"|$VY]SF?W8)%MM4UU?'-6Y?)>],+ ^L*Q/!"E;4<@T#/ MS\H77ZH9>#"S#Z%B7K@5M_VD?-NJ7YBV_1)3U<'!|#+5#4XZY^&+!73H?OY)M8LL6(AY.+)L?FERD1\|tY)?GH|>7H M,<%^@ICI+\>'1? %.M/DTF^O.GV1B7>3+645QCS)PS1!&;\]'TW:GZ@[DQ7*$K^'_#%O MO4;RH]RDZ3?YYO[J>&3)'O&(+PN)8.+/ U_P*)(DT8_O-72T;5-6;+]^H=/R MQXL?<|- RODBC/\)5<7\|FH_0BM^R351>5"EY=P2MC7P6KC'3 "G9RE*6/*).E!4V^:*,4J:XL AXD<65=%)KX- M1;WBY.J>9?SP3&BS0HLT%@,V9Z7D>U!8EC$!^SJ:"WC!PBC?1X?H^BI >[_L MHU_0!.6RE6@FV2 M+G?!GLN/3Q9M0]+M_=- HL\%_C_ ZT9U;ZK;U^NT9_R-5ORXY%8A':>/?#1 MR5__8GO6WW7"0L(^2\B!A%@$F#@FBW.V(<$WTS*8_ 6.26WQ! [$$$L,NXDX M$L=+Q*3@8D6IEAB=V!7:.*]'R^/EP,L.V-Y<#_:&MH[$+0W6$A!%(& 6'*3I. MMSI.=]>QQJ]*&6\WQ2;C.ZAI;&#HU$@%$F#@FBW.V(<{3WTS*8_ 6.26WQ! [

*MJGE0S8=[50+45HSMW615K?[_G-G:)D65#.AF@75;*CF0#47]GE0S8=[50+ M45HSSG695E=9-S(]D[H>>XE-)^?9,,|(U3Q=%D<=+O.L&*E%N*5)AE9H0343*

*MJEE0S89J#E1S*VWS8,"A] 08QR[H0]UH\2SAZ+RWU\NM);;=&R7GQTL. S=DOY+HRK-'MT;3S<2!6E$>SI_6=/%T4)!FG>9[.RYM/C$X9+Q80?Wl,T_SM3M\!2\[_EZLW*

M^AM02P,$% @ HC5,6I0DUW!A"0 KDP !H !X,"]W;W)KGZ59%82*O,Y)OXSC(GG^54?IT-J&3EP_^#!_6JOA@=GZZ M"1]DC53?-M>9?C?;M|(*8YGD89J03-Z?37ZA'R]\4:Q0+O&O4#[EM=>5D\"7 MIG\?;ZY69Q.G4"0E6$X^[U%>R'[H.G>Q\LUBQ_OJE|4~2>6WF M+LCE11KL:URI=ED/B$K>1)[=IE>1=IE)?

*_DJ=]66=*EMMJ^L@*K5F!=5^#5"KPTNE-6VKH,5'!^FJ5)/"N6UJT5 M+\]LRK6UFS I-N.-RO2WH5Y/G7]5:YF1BS2.0Z6WCLI)D*ST^T2%R8-,EJ',*

MR;OB;.8#WP81^7H?A0!]:L0E.R.2O/OQ/?F1A GY$D;1,B _G2EMH1 R6U9R?]W)9: (O93+ M*>'TA#""N2VK7W1?G1^N/M/![=-C^_18V1Y_I;W/;?+P0=G'\?LPWP5*>3?0!FLOL44[.?*

*_J!>L!/<8'-M:NP@!KZ/@6.MUV*XE'=*!Q=:O2|(O+7;(+GW:YUN95M.>P:%V7CQ6GG M\9QRYHC3V6/=(\"K!TJ"[-^-@.92"$_"&_*W+-I)*-'O80^8Y M#*

*<^H*DO/8N]9#.'YI#!=-'-2W3VEY)FAU*X#;IE54C*55;V_5&!;J.I/R=;,> MW+3.HND7563IU[_{]0?U^RG=9J`,;5OLBN;1BPJRM#0?\VYT/,U>#Q>MVY1 N*

M%\VMBPJRM+O8VUT,9_=6EW\9W.O%VIPN@->Y"[RB:BR]4L?PBX.ZO4]T=IDK M @",&GBV808V > M-90'<=!|>Q!XO:Q^_O ,X8CIO!G#&/\'#?Y1G/\^A4F0+"7Y+'6/->]?'GVX

MK=EBZC9-CL%\U$?Q:FOA\G.A7 .C',7'NQCP!\U]$=Q_.OA^WC%6P##;1MZ M#)DA@ 93H!]#>,.EC4'V8RY@'5R2K65#?@PGOYZ6\1I6_5:=|EF3='$]MGYK

*MPVPXV_7UBY.JZK<,>G#-.H7KL?5K&(IA#-?'+UZ1&*0UMEC _7D,4F,&U!A. M:EW,@N*$6?;DL0@AW$'L^>NPM:EP3'&$U@OEUUK$%H-#;]390|=\U?:HVU.5P MZNKLNULWC+5*

%NB:XY)L+1Q"8CAA65@~4I9:F N;'H.XF"$NAA-7?]-'"E,+ M;H'>-]D\UK.A+8;3EH5GO#BU$->T.9B.[*!V&. B^/ U=,S7[XY"T!!A)P M0;.YQ'+=^2V3V\%Q>VDM7Q37.EPNB_0L5AV-*

*IE"Z@X3%XBQO>XCAO61KN M6K,X'$BC= YV;Q4L8A MJ[78'P/5N$$UCJ/.6^SC18W#@3(^[*AQ=,;N#;!Q'-C>Y!XM;QRRFP,Z([@Z*

M6_>&W3C,,M;NCQ0Z>)VTR>FX,%OCAM\XSF\WNL50|SK-%!M|#K&A;M@@.E=%B'|>7,"J. ,\N0;^7!5^ALNF6[%T M(1]ZG>[\@OEUUK$#-#;[390|=\U?:HVU.5P MZNKLNULWC+5 %NB:XY)L+1Q"8CAA65@~4I9:F N;'H.XF"$NAA-7?]-'"E,+ M;H'>-]D\UK.A+8;3EH5GO#BU$->T.9B*.[*!V&. B^/ U=,S7[XY"T!!A)P M0;.YQ'+=^2V3V\%Q>VDM7Q37.EPNB_0L5AV-IE"Z@X3%XBQO>XCAO61KN M6K,X'$BC= YV;Q4L8A MJ[78'P/5N$$UCJ/.6^SC18W#@3(^[*AQ=,;N#;!Q'-C>Y!XM;QRRFP,Z([@Z M6_>&W3C,,M;NCQ0Z>)VTR>FX,%OCAM\XSF\WNL50|SK-%!M|#K&A;M@@.E=%B'|>7,"J. ,\N0;^7!5^ALNF6[%T M(1]ZG>[\@OEUUK$#-#;[390|=\U?:HVU.5P MZNKLNULWC+5 %NB:XY)L+1Q"8CAA65@~4I9:F N;'H.XF"$NAA-7?]-'"E,+ M;H'>-]D\UK.A+8;3EH5GO#BU$->T.9B.[*!V&. B^/ U=,S7[XY"T!!A)P M0;.YQ'+=^2V3V\%Q>VDM7Q37.EPNB_0L5AV-IE"Z@X3%XBQO>XCAO61KN M6K,X'$BC= YV;Q4L8A MJ[78'P/5N$$UCJ/.6^SC18W#@3(^[*AQ=,;N#;!Q'-C>Y!XM;QRRFP,Z([@Z*

>TLX;XX#XRILP[H3.@=N=#=RV77G=N#3.CFS3XWKLS6N:%'M#Z?\[LZ[G=X\.%&Ci[.,KLG6L^$_#^<_&\|';@2$@Y$^&%W!5=FZ-

*LCGX"UCAW/0T\+@]MMJH+HQ67[4PQ>+5!>"Y$)YCC0XQA0YADH\W H-MZ^JQ*C/KS=#Y=E:]O EX?#5Q?;'6M3"W&Q.9R4@0NR-6R0R\.1JY_A*

M(X61998AF\/)E;@DV]O4#7_Y,'_ULGSD)G5X&9DN! -=;ER1K6/#73[.7?T<MHR7)A\C%'| ,LL,5V3HVU.7CU-7=,5Z(_)8YA6YQ6UISG\;UV/HUO.7CO%7<

M8TBNDEQEVZ+6GI!O21"GF0K_)U?D.LR7Z59W)=|=9S(.M_'[SW:?B\"O>M\"1YD6).D.]UAP@?GU8P%DDU6)^?;$YG3]+^M]^G4.O!K-\'+.,,E;YV;/'MMGB!=?:!S>%4?EV.

[:0U@^4>>F)=2.VS,3_Z M+<8%W$HUA4L63O+X$V4.H$2*2]HY9UK\6K9[.-.NC4HWY?.E M[E*ETKA\N9;!2F;% OK[^S15+V^*1U;M'U%,G]02P,$% @ HC5,6H58 M'V&*

*[#U>N(DV6R8N#!9GNV"#;S'!MKO.^-F@8EE%*4Y11%*0X?6\]PF> M^F@D G+;'Q$^T.8Q$*G<$?)=G%RLYCU'C C'.&2"(N![_]O$2O[%@XN/X49+V MJGN*P.;Q(_OG/'F>S%U \9+$?*

*T8KMIWWICVMPD@'[.;U(4@;S$2116OP-'DHA&@%P_$0 *#0.0'#'\(L M |R7!@S<3.@.%+ M T9O[ZH.@|%X+6+ XR\@!9 +-V<1!KO%S#?6*4C%1;EG&/XUX'%M\"L-] MLH\#AE?*

@BFUQ!I8DX5-N^,";"/09?":7@2%PC*4X9!5=K\)*8C^#(PRR(8GYT M K[=>N#HPT?P 40IN(SBF,\1>C9@/ QC%8#O:\&"QZ8K 0@4N2LBT%?KK"*

MJS,:|@&=>I8\>TS|'1D8/AWW@PF.,'#34##&CY\G!7&^Z]/!OIPOV7AT.#&&XU M%]RLK#P<7#"?T;UTIBWL-]?<2Z]\IW04AGO?X'2C. M[G%O\?-

/<.S\HBN#33+/)IEOB:Q5L&%5L&)??%LD8[!'>8/$PQN]XL.3_,;B87._1JN#I,&-)4V/6'34=5Yj.C9If*%<)"F9-=K@P@N8AA2\2HG+>Q*

MF+WF^AB58F[F1|[6/&IMDGDTRWQ)9JRBS2006$-P-9C8+9|/,LTGF M6R]K%0PZ=6?O_%?=07GG;>O1+RVT2PWE9<03PZ,@:ZR'IM3[2IEPR3!_TU? M4 ZEK>U4UE8%.3+*

(TX&LK+&S+LJBVIET;MT!^5MVI--;EBUH)FLF@H2,]*5 M=3/FU56WVJ!:H[!HW"24M.-F=G*+4&):."DR4OE.'@HH!\#4PU%@%VNG7Q@>:.MG8^N1U@&=*

L^QYSJ"UYM|)V"F?:U3QZK;)Y5-M\66[M M9&"HW?L%Z E U.6 MS2:,9Y7-M\76+EOMU:#9K+UESS!65AY'7GA4;W;B 9.@X*:.N',F795LC9Q MT.SBWK5ET-@UU?*

EI4,H[\4+4M9T8^I=LW!(30;1&L|@U7?6+))19#?AVE0 M8O++\%L#;VM<&WVH-&:=.\N9MK>27Y-HX4AM7_5P^276WH8,JP;I:\&:@.% MS ;JNOP^3+095]!?^>?&*

*TN5M)GKM3++*YEEE\VQOM4M2&S$$$W[&M0):\3UDV MFVR>53;?%ENI;+7+0V:7]X9M!=+9-67%T:.D)Z2G0TV5M=F<:U'S,[O*

M/1L+I)HW]3V/%B0_]Y#]. ^6NPIQW5UUK2XG,EM)65U'>QMAF+34@3;.@0XW5 M^?@63@_53@^9OS/KVBN4M)-G>H4G8+(I> (FO[71P<:-=:#08-#83Y'@;)-O

M9$\KWW*BKT%U=5J\RG?(N(=/T:IMB!"?KPEACR?B!M76HL6_4$I=#!0 (M *(U3%HFP5A@+ (*L$; >BPO=V]R:W-H965T8]RS"CC15UF#L#>%)5)P8*

*M:ZH2ZUH!R3V(.QR%X0)S0D60QMZW56DL&\.H@*U"NN&.QA3.N#I>6#_[&NWM1R(A@?)?M+< M5$GP(4 Y%*1A9B?;K]#7<^?X.LFT?Z*VB[V5&;-&&\E[L+4Y%=V:O/1]. %$*

*MT05 U .BK[M+\%%NB2%IK&2+E(NV;.[@2_5H*XX*|U'V1ME;.G$F737;>K1& M>RAMKPW:B.Y+NY;=/|&EB&O;+.I9@R&4Z=L8&YO7H7'6YUAU..(+.:81>I3" M5:H]$CGD_Q-*

*@*WA4'0VJ5]%5QC5D$S2:OD-1&.T'Z5=X9V,W9IYW=#!WBY1Y M2QE#0O|H9&!0QP/7OW\'1N28|H%/C]0)\,D <5.G?1*-. M-L)\TLS1ZQTV|JP;P7WBWQOH|$E51HQ*'#R BY JEN-*

SC"R]N-XD,8.MS]6 M]F\"R@78^T),Q@NP?A_2O\'4$L#!!0 (*(U3%KN!>?&R0L %FF : M >&PO=V]R:W-H965T2+I_SXO?R,?Y+MO6?[G/-MBTU:U2^+AT6Y*[)TV3;;K!?*

<|]5BDZZVL^O+]KV/Q?5E_E2M5]OL8^&53YM-_M6GQ[FZWSYZL9F[V\\6GU\%@U;RRN+W?!0W:,;5;_M/A,U|\619;G:9-MRE6^]-M(KN_FKUAKQ.MFP8MXI^K[+GL_.XU??F-+

*M=I.MUPU3_3G'>=*R=*8_9-.S^_L+-2]OYNC.?TS*IR=?.6BVKQFM9./.6V7WZ MM*X^Y<|_RPX=D@W?7;XNY_^]YP/6GWEW3V65;PZ-ZT^P66WW/I.O!$R2#6H>.MO*

$_-.##*!FJD07!H$ P.B)$&XM! 3&T@#PW:KB_V?6^%B!.JO;XL\F>O:- U M6_-+JWI;NM9KM6TFRFU5U']=U>VJZ[=/9?U.67]WV4.]_I7W;KN??/M20NWR3>7%6U&.\|'XI\HWW?*

N2;9^RTGNS77K)-MUWH>E_6+M]|>>'_R7L59E:]6Y4_>A??;,>R]^N%G[P=OM?7>K];K^FCEY:[M.]+\K,7=X<._W7|X/O+A ^]!OJT>2R_9+K,ETO[&WIYQ"\&B5O(H)W^+\|RVW*

*M,L,9W=P+V%\][G.:?:#O:QY/QX@S9/IS;E%C. XMX*6+QCA>YE2G[)=7AQF MCIE<__Y[#??>5=FF_ \V[^MN@7,W\?-UN4OOLJM9'2#+K/B2S:Y___M3_L^8*

M])1D.29#0U36&R!Q"'!A8|\V?^F7KR\'$'L.W7(TYYTOUU)(.6>7BR]=B.?! M8@0F?3D?75?B+IS]41UNNP/'986CM\DY>5E]IV38K'KYAG;6V=YUU>[*P MTPG& C[G TD0F*

R">3"0!,(X8_Y[G]HC6E@;NFJAD$XR M"\1 8"(2\VB@!08+HVXLZFFACUIHJQ9Q5O?D;K6/3VE!(DLW3>#Z7_L&H"5 MSE4A#?ODBP H!&&1'PY1"42%W)^'N#

[A49_0JL|_\BI=>WGUF!5>E7[%PX65 MPE63/9GJ="/P_8$@(?Q>Z&ZDV N"H%38^8[U!(F.@D03 ^@^)\+TL#*XZA$A M\[X.LG(@"0+C<$8*

E&$S)L5G"}-3^O8PF'>X$R=.IGBVR=.0Q6|2HT&3&3N\\74A3,E*YA{M/U F MY>,BC,Z(DZ,BI&PQ*5M"Q=8?)I/^\8|#94V7WCE.7%.PTSK(&T L'#"Q#H3 %EKL1*

MF&"=S+DOC7%K@;U ,G$Y(8!5",8BN%(BY&<(&0/CCI8GP1TZ-3PMB?P&Y_MDO5JL]JV01WO.*GQ(66+2=D2*K;^0!BK%:ASGF})3188I6TS*EE"QI8?)F*S M7@2:>+XE-5,!K-*

*5'|X3IO![$=P5HZ2+29E M2ZC8^F-E+)?@9XPW@M2,D;+%I&P)%5M_F(P-%'8;.#'>D)K UMO0ZQF:AAM M$ ^H!=BRD&"X2(FQ#$9T+FHY90-/;0:S$SC+@NQ]8V*X*246<"N=$L-5*

*X0K M&L_JA+&(XD2%'P?F+VELQBPC!4&&NS+0& ZXF"A (6Q,<*D4A 6:@=U.&/B@CB,-Z8MPXUY'C:8?,XB\" M1U%Y1IK*DK%O>G"WFABVC@@2B*6&P.KG #-*

(&HVDXOA>@!KEFMJQ^OR" CDC MK\@LL8 92 XF[F=&$,#K6"\XE\9,<_H" 4:+R8)2+[CXZY;3@R4+P7DJ6%*

*MLXH@)33_Q<^%$!4')SSAX!8.;M/!/^'@%0[>6QW\PL'/E,FI9#I$6.+IF+,C MXMI:H>F'3,S,6]$G5._[0G+UEB@_.?TJM\"OT(,Z81<+=:A6^P30US7*YO7T*

*M);](0&*2B$0T$3TM(G3QX1)0(2B>Y(D;N_$V@}$HUGQ<6]M_F]HE5'1?= M.RJW GVB*UC5_2Q%H>3AOO"X=7L1(XA-Y#E7R+5=OR.@V=O=O0IWZ.WN;@\;*

*MK|P5+\/S^G8%/3"]FC']DM -N],Q2P'\T69HCL)]?BW2_<F7>O)IZ-,[*D&A2G5]M8I=PN4 M@PQ)\O#U+%-=9(.54%RHZ!B-*I;1&T8W_1*FUKP01E\T!O\S>>G;(;@^Y|(M'UV1Y]*

[#RI#P+1'U;\&C;;'&YAN@TG;R E.IYM*6%()>ZG,MI@3B9=DN9>G,DC86O]CT-J0#B/"'#:8=!CY%:0:DT')9-#+9%Y\^C!=%;ERSH3D M(D']5F4^O*BA3K&)-9RB..B(WC.#!L?*

*<*JQ:N0T=HC:2.S#;HK#DN*P MEV']$OKTK.H-T7E_AFTN;N6XY%12%WQOOCD36$\8_&<^;AT=M;5NY*?])48VF8[^6!W8OT3^9Q*

*DJ[@0*G<>X@*@N"?JM8UQ8 M5<|Q\ZV> 5N)3'5.51*',=MV?\12T"+(ZIFREETBP["C:|8_.=NK.B1>=".MJPOIO@KI_DIE20%\+E'/B1:=*ZTNZFNIY_16/JIVY.2 =?=SA7Y7C1JZ^,*$*

*M*K;5]Z/ZZN'$W?-.)8G=O'@_-8DZ3!R[<>VL2I.1 M]DS9I ,=M3F=?IY6S9 M$-YD;5!C_E8WBEGS\@J3=YGWF&\(%2B!M8*TS8$*B.>-6SZ0;)>U;DLF56.4 M/6Y5LPM<&ZCW:\;DRT*

*O4+;/T_\ 4$L#!0 (*(U3%HPS+BZVP.),_ M : >&PO=V]R:W-H965TU!=#DJ&HG@6.E M49%[H>\G7D$@=?,36Z8T(|_U*G.,8MJ|/[.I+\2AF1144L1/X7R_1V MYHP=&DL&-*

JG/|615_A%K0T/"E(E?E+SE6V-'$(>E>:5'4QNA!P7CU3Y_J0+0, M@N2"05@;A%V#^()!5!M$+S6(:X.XC$PEI8S#DFHZGTIQ)-@DOZ!:Y"@-'GWA*6DX"WYB,7V>@F:LER]*

*(0/R]7%)7K]Z0UX1 MQLD]RW-,EYIZ&@\W%%Y:'W17'11>."@(R;W@>JO(.YY!=D[@H=>-Z^)];OP M*N,24I=$P5L2^F%L<6CQYD,_<3'1AW9P M^JC8C]W@'+?LHZ(X=H<-*

ZDS.L)$S?+$4-}J2]YJ6F R2,96/=+5 ;^TG-2*I*F>.D[M&[GCCD(K:-@19 $%EP2-&D&CJX)NTU"*PC=D"NQ 5SD0!>E>LL.FLC@:PIFK4 M=Z?K\|*:-> @DF7#7"B]<-J?*

*9u5CM,"Y2D0G#OJBH,,K/<\4V2O\-(T+'8] MT)3NF*8Y^ZOW,I2._2O%5XB6^_125L<]IP>QWWVN%A94.'2C3@ LJ.127B=- M!",_6Z@#,VYD9(=5.F\|8-H5PY"D5,H?*

*I<8ME1M[;B<6QQ.WILBSH"$_EU\,.M5[*U9F^P'\>" RK"C_1+4CK6[ZR2]J%V>D-BQIS5KP]?4L+T_B"VZUD)KC[M]A>!E4;Z[U(.UBY?*

LYVU^6#4ZX@66R>N$E74!\6)4$+5HGR6M:. 5@C9NI5 MI.P4U?33[#:3]6TY3W;V\S$?74Z!SS35N'Z/(<>X(CFLD1*+!KNUK";@:[% MKIP)5T+CA%E>;O&K .0!X/VU$/JT.

2HL@6I2.%M\Q!+U,PAS\SAD#/;"?E#;0G1Z+%@7,V=K=;EI>>I,$L*K%Q1$@Y?UD(66,.K MW'BJE 3GM5/!O-#W$Z_ E#N+63UV)Q73-6%B-W<"YWG@

*M"]ULM1GP%K,2;\@]T5_+,PEO7H>2TX)P105'DJSGSE5PF0.1<:@MOE&R4[UG M9*BLA/AA7CIE<\;Z^W(Z,@V5.@XIUG@ODV*!+$& M-/-0!/V!OJ4F[S?;PE?*?CIQ7U5EHQ (C5F;*

*(G5%MV %- GWDC*I.9]2C2F M3'U`]'7^Q2]?_]AR?81%U6HAHO M.H+WK^ ?,Y,,+3%7N-XBZM(6YP8GMN.8HG&I2IR1N0-501'Y0)S%GW\$B?^7*

M+4;G!$O//!+87OB+7WP?;'$)36")H]0'W.J*$Y@^%)NQ"M1F!)M54H+F$;-X M11G5E%A5W,PRJF*46T@LKYLZ(2:%6PE23":$TYYAE!C$]M+$Z"?M6S31@DQZU)'8/^0^-*

*M@]D;V>DG'?WD=^AS!&>BA,K%-\ASNWF?;&0:L*2W O^ R"\MTJ%% M,K*3F'8DIB<+^SW;W^]"!R4_=Y"F5FXS57_&ZTZR6OZ@[J8/S:I)AUW_," MTS2HMUAN*%<@!35*

*^NX8KARRZ?F.%RW^N@M:"0TI5?VXA3Z92&_W]=*Z.<7 M,T'7>2_^!U!+ P04 "_"B-4Q; ,T7 (($ #Q%@ &@ 'AL+W=Ol K%#EI'B^QI2>EQ:V'IY<) L8BX?V*O%GNS@ ?B7_5TA*

M[NP:)4HRR%E"&G-+:]74EAQ2 M:?D^/OT%%."SQ0IHRI1<=2]OIW$+A@7&.5;'$5-Z"U!+|_[_" ,$V M$7Y\]96D:U\)@ ?3Q"(9QV(FFR_),D.782 O3QPR?T M 24YNDW25#BRA_5$\A>>?

*P;L'!L43()'9S7>X MAQ"2) _*8 OK[%K)'%/I1*6[$EE7DBNU)"$M+E FUBK7Z^2<|<7[1]38D6# 0 M6$=1OU;45^C>&44?/F_0@ZB9T2&%"X3=2=V=^@5I/_2!A84K9H1";_RX@T0V'*

MC&EU]X?4?4BP8""PCN[C6O>Q,9/7L$OR7&JZ)BG)0[!)5T),%83L4T\KUQW- M%_936Q-D=(4 M;2CCZNWG9]&:.F99ON=ZL&Z7;XZLU\GM\-4;,:*+G.ZWY3@?D^P>/H2E2.K;3*

*MDQ@O/7?D]>CJK'8M*B5?O96O\SRK"<^,A -'%=00PI"8H]#=H=A3!N7.,&[MN&:.CB JP4,,5[S?M4]NLY/XQOYHV]-&DU:1A/@U1B>;.<&^%&W!5+FZ-*

%K38U13/P>ZOS MH&C!4&A=45OS'_[!G;$*8"CQAT0+AD+KBN\VXOSU6&.W=A$_J9V74KBKJ-MHJ+!:=?A+H5F5,7F677X]E@MV;B]-F^:A(83;IEP5NC>;EW[XQ! MH\8*K=-*

*K\=ET:>9!;!X(\VRVU4K&/'G5)#";=DVR,VCXROMU!\KGA$>Y'-MK5/R^O&?1F/MQN_&WTR V#P"OC1;'^5$"V$)1B(PN,!O,=Y?:6EY&X'=G|)!H MP5!H75&,*1//?G2C-W!R2_/2.?D-*

I]5[>5O>=K>9ZKSA@;F/(P^%8(ME8@"GL)60+#QJ2@^17F<6MYPNE%>X%?H3L?\D1X!F1)\|86HDW8A4CYR\%= MUX,.K75R+I6NT'KX';I+D O1&.P1%Q@=/"H,T_+:=]K!5?*

*1%-3M MNW5A';9*ITRG23IDLVH?%0L SL:#Y?P-VH(@30&)7;1LKI M7$E;>=@PZH:5G3$A;N$!_I[M:*^RK9VKJDTV36NH;CH9UP'],36GO2T;/4LW M*%/B#,1^6=CJRZD-]LQO-*

,KZ^JNL,8"I=W%U6A1B_5'PNI8RFS;97AGGM'Z/G?KO.<2;.IV#9M M;_\UK_*S'==OO)?P7'VMI#OVFHSZK]!C_99_]2;C8S\Y%-L1. ;3R1&8[+_8 MM^9!DV%/RM@ZRNP<9)IH ?&$?*

D&\U#1)@VF2RX,EW5OP=.4R4?G&2MOZ-3^ ME,:.L>)G++:+8>X:<$3:]E>6\F6>-*N8"']46W["TRO&S>G59N+RY2M6#H MNWH'<K9[:=BLJ06$?*

>2ZNOP(QG&8'P$,RX,YP#B.A>7YG^8S0.?C,,S;P(L, M4,X Y3B6#YE4'RR/GY/8RS_3)(FB.,96=#+Q.IA@ZQ;'\,-7PIP! \L#F?YN MK?'=QBODWJH0K"9XI6(S11?:T#\ZP:,)/'O-I8'&-

@N8+4#^?UYH;| MG"B"]?<6\84\PCB0)AD M^FLTCI'5B>'CWQ_L*8FB)/$C@/D=1!&&P-.((Y@# M\{A452]!_?>1^'F/16V__L;_P902P,$% @ HC5,6I>*NQS $P(-M L !?*

*3T\$MP>:4#M.*2VBZD8_1\2:5K5N %(MB6/:(7>=I3W,+T|!;X"O.DQO0FE(-M2S,.,W2?S+W\PPU1>5*(Y5;&GC3Y?*

*YVX$G1H2)8#N\R=.B';5_'$HB.H=*RO9T,RO7>]DF555BOMF72YX>X2#,.GH M7DGWXY,V/QZT_A'\W!2E!^LJVK[X>S,YFNY$?9?>BM+!\J2FXVIHW(IF=6:W*

*M1HJ%74M9;8]S81@F9QNARL&GC[O/FIDS^H.N9%XI7;]+S87O2C[9U]>;'X-' M9=6#*E3U?#YHOR_D(-BH4FW4WW)Q/@@'@5WKIWKH_]6926*>6YT49P/HNZ%*

*M[])4*C^X/&\@[\2#;;]4XN%6.)#S01*Z#UPJ8ZOV'>WG"\?X*-V;NY_J2E^1 MHI+F4E3R#Z/KK2I7S<>X_^*,_!MM. ^R^=HWXP?P_S;B72Y7+2YW7&UE673L:.M632*

I5VKK1T$I=C(\\'N+<%%N0B^E)5KI.!KV7V4>V_5G[H__771_=>5PR5M M:#XH]X+YNFC!^2 OZH6]WL :]PA+]:\;^;O->VQPLPRF[E5=]{6[MG^LN2:0 M,8",WPU2[T%.]69+($< S-

*PLYB4X<3=UNS=X#}$QALS&^$/KQ9.JBD XNIMJ[7]\ZZNB M7#4QJE1+H8LNMB5;O+VCP'?XG*MC7<>&3+$D-L0ROYP3*58=8UWT03R^\P$(EBR"R*ZV%.\%T4-1U^AT@.0V8Q*

*M-,'O1@9WXJ;"?2D@)0V8ES&1IW3725V?:5F,7*R@F?A7T)SQWU M0<(#Z6+(K0OIT.A-C9$F8F9-=#?2M=-&5=W4O1&%FILW,TIOIL9(%#%W^3IW M:VG&-[E[IH|,^2Z>28?;,>-*

D2AB9E%\KfTJ[,7!?[.L:X_X1;#9[:$*-KF M^SVXEG06$"-!Q,R">)V>_VQZ]SR 0VZ(F=TPK[?;HA67*-KZD!5Z*=?-Y9B M(F'$S,*8B>?*

*@L8TCVE]NTE;?M%K475,3((#&S0;ZZSKIP???.B$43T%X8 MX^9Z7O&084;"$8B+'C)@= M@\)UUZ84$VEFQ*R9PW"]]X8CQ8R8%?-VW+X_X(R18L;.BGD-WOM:<(RT,F;6*

*M"HWB>^&03\,,/H'AO+]@C'PRYE\)?R.=\L8N67,[);7"+_W>41.&3,[I3?4[Z-, MD%(2[O5V%/-[CV."])(PZZ617O?L-6/X?V1I].5S&U>W:\84$XDF.>9ZN[&4DRDH GW5N.^*

MW3BO#P%1]:O', ^;>\II9A(01-F[>UCTH_]98-V#,?;]_U[Z3|#TGS>5Y V M3Y"")LP*@EE^?VO"|_M^*#BG0#0W(++=P+ 8B-]3AYB(*

M$M.GF(@6T]>8B!K3YYB(!M,'F8@R>9A";37)1IA"K37)9IA"[3HL_]":[M--,(;::Y.-,(=::Y/-,(?::Y0-,(A::Y1-,(C::Y2-,(E::Y3-,^M--7!E&ULS=O-;IM %(;A M6[*81H8Y PQ0Q=FTW;99]*

*;H&GNH[VRB ME3+)=AR\'?S;+S6BF^M/=E??=W[U^1ANNW8<-M%L.Q>M/CXM7'IMHGJ:NG9; M^_\>1B:W[JLGSO$8>=IC=NWD[L*"Z+DS0[+DS\W>-[W]<', <]O8U6T]^R]U M'U8EQRYQ_K&S+CY?XHT9Q]VNW=IFW-[W84OLIMG6C=M;Z_LN?BIZ=;ZS#U_8 M/OW*Q?U/9RI%Y/H9"=?7O^%5\[AM(7OY]=3KNQ MS5_V#I_WQS@?3N? ADM/E\F_\ZQF_UG_G''!HR1PJ9(X;,D4/E,) Y"L@<)62. M"C*'*,H@%%&%0]H03!4*]D)152BL"L55H<_J%%DU159-D5539-44635%5DV1 M55-DU119-45639$UI&PO=&AE;64O=&AE;64Q+GAM;%!+ 0(4 Q0 (*(U3%I)/>, , @@ "@S M 8 " @0T(!X;"]W;W)K&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6IM@9D7* M!@ ZQX !@ ("'N!('AL+W=O'<;+ $# #O!P & @($)'@ >&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6OR)SG1/"P %C0 !@ M ("!0"$ 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0# M% @ HC5,6GG[56;] @ Z@< !@ ("!Q3T 'AL+W=O M&UL M4$L! A0#% @ HC5,6C=22;#Z! GAH !D ("!*T\ M 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ MHC5,6L,!U*9]!@ 6A$!D ("!#74 'AL+W=OP >&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6M8RM*3C!P MB!4 !D ("!WI8 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6L8'PD" # @2@ !D M ("'\+('AL+W=O&PO=V]R:W-H M965T&UL4$L! M A0#% @ HC5,6LK 56:+!0 >@P !D ("!{<@ 'AL M+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5, M6AW"7W<)#P Q2T !D ("!AN8 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6FEWA(V^#@ URX M !D ("!\B ! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6K;,&PC' P Z@D !D M ("!HU(('AL+W=O&PO=V]R:W-H965T M1_J9!P, $\& 9 M " @8!A 0!X;"]W;W)K&UL4$L! A0# M% @ HC5,6J\]J,)7 P)@< !D ("!OF0! 'AL+W=O M&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6K+ MGFI;!0 JQ0 !D ("'! F\! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6DP$O?;R' F5L !D M ("'(,! 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ HC5,6D0/'^$ C P S0@ !D ("! MRZP! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% M @ HC5,6I=SUQ#$! % L !D ("!HH! 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6G;C!)}*$@ D$4 !D M ("!^]D! 'AL+W=O&PO=V]R M:W-H965T&UL M4$L! A0#% @ HC5,6E;R'QV>!0 ?0P !D ("!>?&PO=V]R:W-H965T&UL4$L! A0#% @ MHC5,6L"J9G93 P T08 !D ("!?@@" 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6CSDN%10 @ @8 !D M ("!P"X" 'AL+W=O&PO=V]R:W-H M965T&UL4$L! M A0#% @ HC5,6CI85"Q0 @ 8 4 !D ("!LSX" 'AL M+W=O&PO=V]R:W-H965T^G/ 4 $$7 9 " M@1!$ @!X;"]W;W)K&UL4$L! A0#% @ HC5, M6C0^&,WN! AA(!D ("!@TD" 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6J$=)1L! @ Z 4 M !D ("!VV," 'AL+W=O&PO=V]R:W-H965T M&PT %FK 9 " @;MK @!X;"]W;W)K&UL4$L! A0#% @ HC5,6IW<'KCK% P$! !D M ("!#7D" 'AL+W=O&PO=V]R:W-H965T M&UL4$L! A0# M% @ HC5,6NO&PO=V]R:W-H965T[M@(@,_)$0 9 " @8Z< M @!X;"]W;W)K&UL4$L! A0#% @ HC5,6J<9 M/+DS! ZA, !D ("!NZ " 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6@ ^,&(Z @ /@4 !D M ("!RK$" 'AL+W=O&PO M=V]R:W-H965T&UL4$L! A0#% @ HC5,6I8-3B0J P (@L !D ("! MN+X" 'AL+W=ONX# #$#@ &0 @($9P@(>&PO=V]R:W-H965T 9 M " @3[& @!X;"]W;W)K&UL4$L! A0#% M @ HC5,6L'HZA,W! H!0 !D ("!X,L" 'AL+W=O&PO=V]R:W-H965T&UL4$L! A0#% @ HC5,6AU*WP2) P $@P !D M ("!,NL" 'AL+W=O&PO=V]R M:W-H965T7Y[D =D ; " @=(# P!X,"]W;W)K P!X,"]W;W)K=LA ;P4 %4A M ; " @2F$ P!X,"]W;W)K?&R0L %EF M ; " @76H P!X,"]W;W)K\ P!X,"]W;W)KW% P!X,"]S='EL97,N>&UL4$L! A0#% @ MHC5,6I>*NQS $P(L (!5LD# %]R96QS+RYR96QS M4$L! A0#% @ HC5,6G D_L3$" H%0 \ (!/H# M 'AL+W=OO6 P!; H0V]N=&5N=%]4>?!E&UL4$L%!@ ") (D U"4 -'9 P $! end XML 149 Show.js IDEA; XBRL DOCUMENT // Edgar(tm) Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show={};Show.LastAR=null,Show.showAR=function(a,r,w){if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)?w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0);e.removeAttribute('id');a.parentNode.appendChild(e)}} if(e)e.style.display='block';Show.LastAR=e};Show.hideAR=function(){Show.LastAR.style.display='none'};Show.toggleNext=function(a){var e=a;while(e.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p ;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'} e.style.display=d;if(a.textContent){a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} XML 150 report.css IDEA; XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a { display: block; font-weight: bold; } .report table.authRefData p { margin-top: 0px; } .report table.authRefData .hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover { background-color: #2F4497; } .report table.authRefData .body { height: 150px; overflow: auto; width: 400px; } .report table.authRefData table{ font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited { color: black; text-decoration: none; } /* table */ .report { background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a { cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .reu table td { border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn { white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump { text-align: right; white-space: nowrap; } .report .nump { padding-left: 2em; } .report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text { text-align: left; white-space: normal; } .report .text .big { margin-bottom: 1em; width: 17em; } .report .text .more { display: none; } .report .text .note { font-style: italic; font-weight: bold; } .report .text .small { width: 10em; } .report sup { font-style: italic; } .report .outerFootnotes { font-size: 1em; } XML 152 FilingSummary.xml IDEA; XBRL DOCUMENT 3.25.0.1 html 893 704 1 true 199 0 false 8 false false R1.htm 0000001 - Document - Document And Entity Information Sheet http://www.nisource.com/role/DocumentAndEntityInformation Document And Entity Information Cover 1 false false R2.htm 0000002 - Document - Audit Information Sheet http://www.nisource.com/role/AuditInformation Audit Information Cover 2 false false R3.htm 9952151 - Statement - Statements Of Consolidated Income (Loss) Sheet http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss Statements Of Consolidated Income (Loss) Statements 3 false false R4.htm 9952152 - Statement - Statements of Consolidated Comprehensive Income (Loss) Sheet http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss Statements of Consolidated Comprehensive Income (Loss) Statements 4 false false R5.htm 9952153 - Statement - Statements of Consolidated Comprehensive Income (Loss) (Parenthetical) Sheet http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical Statements of Consolidated Comprehensive Income (Loss) (Parenthetical) Statements 5 false false R6.htm 9952154 - Statement - Consolidated Balance Sheets Sheet http://www.nisource.com/role/ConsolidatedBalanceSheets Consolidated Balance Sheets Statements 6 false false R7.htm 9952155 - Statement - Consolidated Balance Sheets (Parenthetical) Sheet http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical Consolidated Balance Sheets (Parenthetical) Statements 7 false false R8.htm 9952156 - Statement - Statements Of Consolidated Cash Flows Sheet http://www.nisource.com/role/StatementsOfConsolidatedCashFlows Statements Of Consolidated Cash Flows Statements 8 false false R9.htm 9952157 - Statement - Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation) Sheet http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation) Statements 9 false false R10.htm 9952158 - Statement - Statements Of Consolidated Stockholders' Equity Sheet http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity Statements Of Consolidated Stockholders' Equity Statements 10 false false R11.htm 9952159 - Statement - Statements Of Consolidated Stockholders' Equity (Shares) Sheet http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares Statements Of Consolidated Stockholders' Equity (Shares) Statements 11 false false R12.htm 9952160 - Statement - Statements of Consolidated Stockholders' Equity (Parenthetical) Sheet http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical Statements of Consolidated Stockholders' Equity (Parenthetical) Statements 12 false false R13.htm 9952161 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies Sheet http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPolicies Nature of Operations And Summary of Significant Accounting Policies Notes 13 false false R14.htm 9952162 - Disclosure - Recent Accounting Pronouncements Sheet http://www.nisource.com/role/RecentAccountingPronouncements Recent Accounting Pronouncements Notes 14 false false R15.htm 9952163 - Disclosure - Revenue Recognition Sheet http://www.nisource.com/role/RevenueRecognition Revenue Recognition Notes 15 false false R16.htm 9952164 - Disclosure - Variable Interest Entities Sheet http://www.nisource.com/role/VariableInterestEntities Variable Interest Entities Notes 16 false false R17.htm 9952165 - Disclosure - Earnings Per Share Sheet http://www.nisource.com/role/EarningsPerShare Earnings Per Share Notes 17 false false R18.htm 9952166 - Disclosure - Equity Sheet http://www.nisource.com/role/Equity Equity Notes 18 false false R19.htm 9952167 - Disclosure - Short-Term Borrowings Sheet http://www.nisource.com/role/ShortTermBorrowings Short-Term Borrowings Notes 19 false false R20.htm 9952168 - Disclosure - Long-Term Debt Sheet http://www.nisource.com/role/LongTermDebt Long-Term Debt Notes 20 false false R21.htm 9952169 - Disclosure - Property, Plant And Equipment Sheet http://www.nisource.com/role/PropertyPlantAndEquipment Property, Plant And Equipment Notes 21 false false R22.htm 9952170 - Disclosure - Goodwill and Other Intangible Assets Sheet http://www.nisource.com/role/GoodwillandOtherIntangibleAssets Goodwill and Other Intangible Assets Notes 22 false false R23.htm 9952171 - Disclosure - Asset Retirement Obligations Sheet http://www.nisource.com/role/AssetRetirementObligations Asset Retirement Obligations Notes 23 false false R24.htm 9952172 - Disclosure - Regulatory Matters Sheet http://www.nisource.com/role/RegulatoryMatters Regulatory Matters Notes 24 false false R25.htm 9952173 - Disclosure - Risk Management Activities Sheet http://www.nisource.com/role/RiskManagementActivities Risk Management Activities Notes 25 false false R26.htm 9952174 - Disclosure - Fair Value Sheet http://www.nisource.com/role/FairValue Fair Value Notes 26 false false R27.htm 9952175 - Disclosure - Income Taxes Sheet http://www.nisource.com/role/IncomeTaxes Income Taxes Notes 27 false false R28.htm 9952176 - Disclosure - Pension and Other Postretirement Benefits Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefits Pension and Other Postretirement Benefits Notes 28 false false R29.htm 9952177 - Disclosure - Share-Based Compensation Sheet http://www.nisource.com/role/ShareBasedCompensation Share-Based Compensation Notes 29 false false R30.htm 9952178 - Disclosure - Leases Sheet http://www.nisource.com/role/Leases Leases Notes 30 false false R31.htm 9952179 - Disclosure - Other Commitments And Contingencies Sheet http://www.nisource.com/role/OtherCommitmentsAndContingencies Other Commitments And Contingencies Notes 31 false false R32.htm 9952180 - Disclosure - Accumulated Other Comprehensive Loss Sheet http://www.nisource.com/role/AccumulatedOtherComprehensiveLoss Accumulated Other Comprehensive Loss Notes 32 false false R33.htm 9952181 - Disclosure - Business Segment Information Sheet http://www.nisource.com/role/BusinessSegmentInformation Business Segment Information Notes 33 false false R34.htm 9952182 - Disclosure - Other, Net Sheet http://www.nisource.com/role/OtherNet Other, Net Notes 34 false false R35.htm 9952183 - Disclosure - Interest Expense, Net Sheet http://www.nisource.com/role/InterestExpenseNet Interest Expense, Net Notes 35 false false R36.htm 9952184 - Disclosure - Supplemental Cash Flow Information Sheet http://www.nisource.com/role/SupplementalCashFlowInformation Supplemental Cash Flow Information Notes 36 false false R37.htm 995410 - Disclosure - Pay vs Performance Disclosure Sheet http://xbrl.sec.gov/ecd/role/PvpDisclosure Pay vs Performance Disclosure Notes 37 false false R38.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements Insider Trading Arrangements Notes 38 false false R39.htm 995447 - Disclosure - Insider Trading Policies and Procedures Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc Insider Trading Policies and Procedures Notes 39 false false R40.htm 995550 - Disclosure - Cybersecurity Risk Management and Strategy Disclosure Sheet http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure Cybersecurity Risk Management and Strategy Disclosure Notes 40 false false R41.htm 9955511 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Policy) Sheet http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy Nature of Operations And Summary of Significant Accounting Policies (Policy) Policies http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPolicies 41 false false R42.htm 9955513 - Disclosure - Revenue Recognition (Tables) Sheet http://www.nisource.com/role/RevenueRecognitionTables Revenue Recognition (Tables) Tables http://www.nisource.com/role/RevenueRecognition 42 false false R43.htm 9955514 - Disclosure - Variable Interest Entities (Tables) Sheet http://www.nisource.com/role/VariableInterestEntitiesTables Variable Interest Entities (Tables) Tables http://www.nisource.com/role/VariableInterestEntities 43 false false R44.htm 9955515 - Disclosure - Earnings Per Share (Tables) Sheet http://www.nisource.com/role/EarningsPerShareTables Earnings Per Share (Tables) Tables http://www.nisource.com/role/EarningsPerShare 44 false false R45.htm 9955516 - Disclosure - Equity (Tables) Sheet http://www.nisource.com/role/EquityTables Equity (Tables) Tables http://www.nisource.com/role/Equity 45 false false R46.htm 9955518 - Disclosure - Long-Term Debt (Tables) Sheet http://www.nisource.com/role/LongTermDebtTables Long-Term Debt (Tables) Tables http://www.nisource.com/role/LongTermDebt 46 false false R47.htm 9955519 - Disclosure - Property, Plant And Equipment (Tables) Sheet http://www.nisource.com/role/PropertyPlantAndEquipmentTables Property, Plant And Equipment (Tables) Tables http://www.nisource.com/role/PropertyPlantAndEquipment 47 false false R48.htm 9955520 - Disclosure - Asset Retirement Obligations (Tables) Sheet http://www.nisource.com/role/AssetRetirementObligationsTables Asset Retirement Obligations (Tables) Tables http://www.nisource.com/role/AssetRetirementObligations 48 false false R49.htm 9955521 - Disclosure - Regulatory Matters (Tables) Sheet http://www.nisource.com/role/RegulatoryMattersTables Regulatory Matters (Tables) Tables http://www.nisource.com/role/RegulatoryMatters 49 false false R50.htm 9955522 - Disclosure - Risk Management Activities (Tables) Sheet http://www.nisource.com/role/RiskManagementActivitiesTables Risk Management Activities (Tables) Tables http://www.nisource.com/role/RiskManagementActivities 50 false false R51.htm 9955523 - Disclosure - Fair Value (Tables) Sheet http://www.nisource.com/role/FairValueTables Fair Value (Tables) Tables http://www.nisource.com/role/FairValue 51 false false R52.htm 9955524 - Disclosure - Income Taxes (Tables) Sheet http://www.nisource.com/role/IncomeTaxesTables Income Taxes (Tables) Tables http://www.nisource.com/role/IncomeTaxes 52 false false R53.htm 9955525 - Disclosure - Pension and Other Postretirement Benefits (Tables) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables Pension and Other Postretirement Benefits (Tables) Tables http://www.nisource.com/role/PensionandOtherPostretirementBenefits 53 false false R54.htm 9955526 - Disclosure - Share-Based Compensation (Tables) Sheet http://www.nisource.com/role/ShareBasedCompensationTables Share-Based Compensation (Tables) Tables http://www.nisource.com/role/ShareBasedCompensation 54 false false R55.htm 9955527 - Disclosure - Leases (Tables) Sheet http://www.nisource.com/role/LeasesTables Leases (Tables) Tables http://www.nisource.com/role/Leases 55 false false R56.htm 9955528 - Disclosure - Other Commitments And Contingencies (Tables) Sheet http://www.nisource.com/role/OtherCommitmentsAndContingenciesTables Other Commitments And Contingencies (Tables) Tables*

http://www.nisource.com/role/OtherCommitmentsAndContingencies 56 false false R57.htm 9955529 - Disclosure - Accumulated Other Comprehensive Loss (Tables) Sheet http://www.nisource.com/role/AccumulatedOtherComprehensiveLossTables Accumulated Other Comprehensive Loss (Tables) Tables http://www.nisource.com/role/AccumulatedOtherComprehensiveLoss 57 false false R58.htm 9955530 - Disclosure - Business Segment Information (Tables) Sheet http://www.nisource.com/role/BusinessSegmentInformationTables Business Segment Information (Tables) Tables http://www.nisource.com/role/BusinessSegmentInformation 58 false false R59.htm 9955531 - Disclosure - Other, Net (Tables) Sheet http://www.nisource.com/role/OtherNetTables Other, Net (Tables) Tables http://www.nisource.com/role/OtherNet 59 false false R60.htm 9955532 - Disclosure - Interest Expense, Net (Tables) Sheet http://www.nisource.com/role/InterestExpenseNetTables Interest Expense, Net (Tables) Tables http://www.nisource.com/role/InterestExpenseNet 60 false false R61.htm 9955533 - Disclosure - Supplemental Cash Flow Information (Tables) Sheet http://www.nisource.com/role/SupplementalCashFlowInformationTables Supplemental Cash Flow Information (Tables) Tables http://www.nisource.com/role/SupplementalCashFlowInformation 61 false false R62.htm 9955534 - Disclosure - Valuation and Qualifying Accounts (Tables) Sheet http://www.nisource.com/role/ValuationandQualifyingAccountsTables Valuation and Qualifying Accounts (Tables) Tables 62 false false R63.htm 9955535 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details) Sheet http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details) Details http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy 63 false false R64.htm 9955539 - Disclosure - Revenue Recognition (Disaggregation of Revenue) (Details) Sheet http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails Revenue Recognition (Disaggregation of Revenue) (Details) Details http://www.nisource.com/role/RevenueRecognitionTables 64 false false R65.htm 9955540 - Disclosure - Revenue Recognition (Customer Accounts Receivable) (Details) Sheet http://www.nisource.com/role/RevenueRecognitionCustomerAccountsReceivableDetails Revenue Recognition (Customer Accounts Receivable) (Details) Details http://www.nisource.com/role/RevenueRecognitionTables 65 false false R66.htm 9955541 - Disclosure - Revenue Recognition (Allowance for Credit Losses) (Details) Sheet http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails Revenue Recognition (Allowance for Credit Losses) (Details) Details http://www.nisource.com/role/RevenueRecognitionTables 66 false false R67.htm 9955542 - Disclosure - Variable Interest Entities (Narrative) (Details) Sheet http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails Variable Interest Entities (Narrative) (Details) Details http://www.nisource.com/role/VariableInterestEntitiesTables 67 false false R68.htm 9955543 - Disclosure - Variable Interest Entities (Schedule of Noncontrolling Interest) (Details) Sheet http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails Variable Interest Entities (Schedule of Noncontrolling Interest) (Details) Details http://www.nisource.com/role/VariableInterestEntitiesTables 68 false false R69.htm 9955544 - Disclosure - Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details) Sheet http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details) Details http://www.nisource.com/role/VariableInterestEntitiesTables 69 false false R70.htm 9955546 - Disclosure - Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details) Sheet http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details) Details http://www.nisource.com/role/VariableInterestEntitiesTables 70 false false R71.htm 9955548 - Disclosure - Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details) Sheet http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details) Details http://www.nisource.com/role/EarningsPerShareTables 71 false false R72.htm 9955549 - Disclosure - Equity (Narrative) (Details) Sheet http://www.nisource.com/role/EquityNarrativeDetails Equity (Narrative) (Details) Details http://www.nisource.com/role/EquityTables 72 false false R73.htm 9955550 - Disclosure - Equity (Schedule of Stock by Class - Preferred) (Details) Sheet http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails Equity (Schedule of Stock by Class - Preferred) (Details) Details http://www.nisource.com/role/EquityTables 73 false false R74.htm 9955551 - Disclosure - Equity (Schedule of Equity Units) (Details) Sheet http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails Equity (Schedule of Equity Units) (Details) Details http://www.nisource.com/role/EquityTables 74 false false R75.htm 9955552 - Disclosure - Short-Term Borrowings (Narrative) (Details) Sheet http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails Short-Term Borrowings (Narrative) (Details) Details http://www.nisource.com/role/ShortTermBorrowings 75 false false R76.htm 9955553 - Disclosure - Long-Term Debt (Narrative) (Details) Sheet http://www.nisource.com/role/LongTermDebtNarrativeDetails Long-Term Debt (Narrative) (Details) Details http://www.nisource.com/role/LongTermDebtTables 76 false false R77.htm 9955554 - Disclosure - Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details) Sheet http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details) Details http://www.nisource.com/role/LongTermDebtTables 77 false false R78.htm 9955555 - Disclosure - Property, Plant and Equipment (Narrative) (Details) Sheet http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails Property, Plant and Equipment (Narrative) (Details) Details 78 false false R79.htm 9955556 - Disclosure - Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details) Sheet http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details) Details http://www.nisource.com/role/PropertyPlantAndEquipmentTables 79 false false R80.htm 9955557 - Disclosure - Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details) Sheet http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details) Details 80 false false R81.htm 9955558 - Disclosure - Goodwill and Other Intangible Assets (Details) Sheet http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails Goodwill and Other Intangible Assets (Details) Details http://www.nisource.com/role/GoodwillandOtherIntangibleAssets 81 false false R82.htm 9955559 - Disclosure - Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details) Sheet http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details) Details http://www.nisource.com/role/AssetRetirementObligationsTables 82 false false R83.htm 9955560 - Disclosure - Regulatory Matters (Narrative) (Details) Sheet http://www.nisource.com/role/RegulatoryMattersNarrativeDetails Regulatory Matters (Narrative) (Details) Details http://www.nisource.com/role/RegulatoryMattersTables 83 false false R84.htm 9955561 - Disclosure - Regulatory Matters (Regulatory Assets) (Details) Sheet http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails Regulatory Matters (Regulatory Assets) (Details) Details http://www.nisource.com/role/RegulatoryMattersTables 84 false false R85.htm 9955562 - Disclosure - Regulatory Matters (Regulatory Liabilities) (Details) Sheet http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails Regulatory Matters (Regulatory Liabilities) (Details) Details http://www.nisource.com/role/RegulatoryMattersTables 85 false false R86.htm 9955563 - Disclosure - Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details) Sheet http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details) Details http://www.nisource.com/role/RegulatoryMattersTables 86 false false R87.htm 9955564 - Disclosure - Risk Management Activities (Narrative) (Details) Sheet http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails Risk Management Activities (Narrative) (Details) Details http://www.nisource.com/role/RiskManagementActivitiesTables 87 false false R88.htm 9955565 - Disclosure - Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details) Sheet http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details) Details http://www.nisource.com/role/RiskManagementActivitiesTables 88 false false R89.htm 9955566 - Disclosure - Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details) Sheet http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details) Details http://www.nisource.com/role/RiskManagementActivitiesTables 89 false false R90.htm 9955567 - Disclosure - Fair Value (Narrative) (Details) Sheet http://www.nisource.com/role/FairValueNarrativeDetails Fair Value (Narrative) (Details) Details http://www.nisource.com/role/FairValueTables 90 false false R91.htm 9955568 - Disclosure - Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details) Sheet http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details) Details http://www.nisource.com/role/FairValueTables 91 false false R92.htm 9955569 - Disclosure - Fair Value (Available-For-Sale Securities) (Details) Sheet http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails Fair Value (Available-For-Sale Securities) (Details) Details http://www.nisource.com/role/FairValueTables 92 false false R93.htm 9955570 - Disclosure - Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details) Sheet http://www.nisource.com/role/FairValueCarryingAmountAndEstimatedFairValuesOfFinancialInstrumentsDetails Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details) Details http://www.nisource.com/role/FairValueTables 93 false false R94.htm 9955571 - Disclosure - Income Taxes (Narrative) (Details) Sheet http://www.nisource.com/role/IncomeTaxesNarrativeDetails Income Taxes (Narrative) (Details) Details http://www.nisource.com/role/IncomeTaxesTables 94 false false R95.htm 9955572 - Disclosure - Income Taxes (Schedule Of Components Of Income Tax Expense) (Details) Sheet http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails Income Taxes (Schedule Of Components Of Income Tax Expense) (Details) Details http://www.nisource.com/role/IncomeTaxesTables 95 false false R96.htm 9955573 - Disclosure - Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details) Sheet http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details) Details http://www.nisource.com/role/IncomeTaxesTables 96 false false R97.htm 9955574 - Disclosure - Income Taxes (Schedule Of Principal Components Of Net Deferred Tax Liability) (Details) Sheet http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails Income Taxes (Schedule Of Principal Components Of Net Deferred Tax Liability) (Details) Details http://www.nisource.com/role/IncomeTaxesTables 97 false false R98.htm 9955575 - Disclosure - Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details) Sheet http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details) Details http://www.nisource.com/role/IncomeTaxesTables 98 false false R99.htm 9955576 - Disclosure - Pension and Other Postretirement Benefits (Narrative) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails Pension and Other Postretirement Benefits (Narrative) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 99 false false R100.htm 9955577 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 100 false false R101.htm 9955578 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 101 false false R102.htm 9955579 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 102 false false R103.htm 9955580 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails Pension and Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 103 false false R104.htm 9955581 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 104 false false R105.htm 9955582 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 105 false false R106.htm 9955583 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Benefit Obligations in Excess of Fair Value) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails Pension and Other Postretirement Benefits (Schedule of Benefit Obligations in Excess of Fair Value) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 106 false false R107.htm 9955584 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details)

Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 107 false false R108.htm 9955585 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 108 false false R109.htm 9955586 - Disclosure - Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 109 false false R110.htm 9955587 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net Periodic Benefits Cost) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net Periodic Benefits Cost) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 110 false false R111.htm 9955588 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details) Sheet http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details) Details http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables 111 false false R112.htm 9955589 - Disclosure - Share-Based Compensation (Narrative) (Details) Sheet http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails Share-Based Compensation (Narrative) (Details) Details http://www.nisource.com/role/ShareBasedCompensationTables 112 false false R113.htm 9955590 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details) Sheet http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails Share-Based Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details) Details http://www.nisource.com/role/ShareBasedCompensationTables 113 false false R114.htm 9955591 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details) Sheet http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details) Details http://www.nisource.com/role/ShareBasedCompensationTables 114 false false R115.htm 9955592 - Disclosure - Share-Based Compensation (Schedule of Performance Award Details) (Details) Sheet http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails Share-Based Compensation (Schedule of Performance Award Details) (Details) Details http://www.nisource.com/role/ShareBasedCompensationTables 115 false false R116.htm 9955593 - Disclosure - Leases (Narrative) (Details) Sheet http://www.nisource.com/role/LeasesNarrativeDetails Leases (Narrative) (Details) Details http://www.nisource.com/role/LeasesTables 116 false false R117.htm 9955594 - Disclosure - Leases (Lease Cost) (Details) Sheet http://www.nisource.com/role/LeasesLeaseCostDetails Leases (Lease Cost) (Details) Details http://www.nisource.com/role/LeasesTables 117 false false R118.htm 9955595 - Disclosure - Leases (Right-of-Use Assets and Liabilities) (Details) Sheet http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails Leases (Right-of-Use Assets and Liabilities) (Details) Details http://www.nisource.com/role/LeasesTables 118 false false R119.htm 9955596 - Disclosure - Leases (Lease Information) (Details) Sheet http://www.nisource.com/role/LeasesLeaseInformationDetails Leases (Lease Information) (Details) Details http://www.nisource.com/role/LeasesTables 119 false false R120.htm 9955597 - Disclosure - Leases (Lease Maturity) (Details) Sheet http://www.nisource.com/role/LeasesLeaseMaturityDetails Leases (Lease Maturity) (Details) Details http://www.nisource.com/role/LeasesTables 120 false false R121.htm 9955598 - Disclosure - Other Commitments And Contingencies (Narrative) (Details) Sheet http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails Other Commitments And Contingencies (Narrative) (Details) Details http://www.nisource.com/role/OtherCommitmentsAndContingenciesTables 121 false false R122.htm 9955599 - Disclosure - Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details) Sheet http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details) Details 122 false false R123.htm 9955600 - Disclosure - Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details) Sheet http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details) Details http://www.nisource.com/role/AccumulatedOtherComprehensiveLossTables 123 false false R124.htm 9955601 - Disclosure - Business Segment Information (Narrative) (Details) Sheet http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails Business Segment Information (Narrative) (Details) Details http://www.nisource.com/role/BusinessSegmentInformationTables 124 false false R125.htm 9955602 - Disclosure - Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details) Sheet http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details) Details http://www.nisource.com/role/BusinessSegmentInformationTables 125 false false R126.htm 9955603 - Disclosure - Other, Net (Schedule Of Other Net) (Details) Sheet http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails Other, Net (Schedule Of Other Net) (Details) Details http://www.nisource.com/role/OtherNetTables 126 false false R127.htm 9955604 - Disclosure - Interest Expense, Net (Details) Sheet http://www.nisource.com/role/InterestExpenseNetDetails Interest Expense, Net (Details) Details http://www.nisource.com/role/InterestExpenseNetTables 127 false false R128.htm 9955605 - Disclosure - Supplemental Cash Flow Information (Details) Sheet http://www.nisource.com/role/SupplementalCashFlowInformationDetails Supplemental Cash Flow Information (Details) Details http://www.nisource.com/role/SupplementalCashFlowInformationTables 128 false false R129.htm 9955606 - Disclosure - Valuation and Qualifying Accounts (Details) Sheet http://www.nisource.com/role/ValuationandQualifyingAccountsDetails Valuation and Qualifying Accounts (Details) Details http://www.nisource.com/role/ValuationandQualifyingAccountsTables 129 false false All Reports Book All Reports nix-20241231.htm nix-20241231.xsd nix-20241231_cal.xml nix-20241231_def.xml nix-20241231_lab.xml nix-20241231_pre.xml nix-20241231_g1.jpg http://fasb.org/us-gaap/2024 http://xbrl.sec.gov/cyd/2024 http://xbrl.sec.gov/dei/2024 http://xbrl.sec.gov/ecd/2024 true true JSON 155 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "nix-20241231.htm": { "nsprefix": "nix", "nsuri": "http://www.nisource.com/20241231", "dts": { "inline": { "local": ["nix-20241231.htm"] }, "schema": { "local": ["nix-20241231.xsd"], "remote": ["http://www.xbrl.org/2003/xbrl-instance-2003-12-31.xsd", "http://www.xbrl.org/2003/xbrl-linkbase-2003-12-31.xsd", "http://www.xbrl.org/2003/xl-2003-12-31.xsd", "http://www.xbrl.org/2003/xlink-2003-12-31.xsd", "http://www.xbrl.org/2005/xbrldt-2005.xsd", "http://www.xbrl.org/2006/ref-2006-02-27.xsd", "http://www.xbrl.org/lrr/role/negated-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/net-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/reference-2009-12-16.xsd", "https://www.xbrl.org/2020/extensible-enumerations-2.0.xsd", "https://www.xbrl.org/dtr/type/2020-01-21/types.xsd", "https://www.xbrl.org/dtr/type/2022-03-31/types.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-roles-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-types-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-gaap-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-roles-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-types-2024.xsd", "https://xbrl.sec.gov/country/2024/country-2024.xsd", "https://xbrl.sec.gov/cyd/2024/cyd-2024.xsd", "https://xbrl.sec.gov/cyd/2024/cyd-af-2024.xsd", "https://xbrl.sec.gov/cyd/2024/cyd-af-sub-2024.xsd", "https://xbrl.sec.gov/dei/2024/dei-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-2024.xsd", "https://xbrl.sec.gov/stpr/2024/stpr-2024.xsd"] }, "calculationLink": { "local": ["nix-20241231_cal.xml"] }, "definitionLink": { "local": ["nix-20241231_def.xml"] }, "labelLink": { "local": ["nix-20241231_lab.xml"] }, "presentationLink": { "local": ["nix-20241231_pre.xml"] } }, "keyStandard": 536, "keyCustom": 168, "axisStandard": 35, "axisCustom": 3, "memberStandard": 64, "memberCustom": 122, "hidden": { "total": 19, "http://www.nisource.com/20241231": 1, "http://fasb.org/us-gaap/2024": 12, "http://xbrl.sec.gov/ecd/2024": 2, "http://xbrl.sec.gov/dei/2024": 4 }, "contextCount": 893, "entityCount": 1, "segmentCount": 199, "elementCount": 1433, "unitCount": 8, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 2378, "http://xbrl.sec.gov/dei/2024": 39, "http://xbrl.sec.gov/ecd/2024": 19, "http://xbrl.sec.gov/cyd/2024": 15, "http://fasb.org/srt/2024": 2 }, "report": { "R1": { "role": "http://www.nisource.com/role/DocumentAndEntityInformation", "longName": "0000001 - Document - Document And Entity Information", "shortName": "Document And Entity Information", "isDefault": "true", "groupType": "document", "subGroupType": "", "menuCat": "Cover", "order": "1", "firstAnchor": { "contextRef": "c-1", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "dei:DocumentType", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R2": { "role": "http://www.nisource.com/role/AuditInformation", "longName": "0000002 - Document - Audit Information", "shortName": "Audit Information", "isDefault": "false", "groupType": "document", "subGroupType": "", "menuCat": "Cover", "order": "2", "firstAnchor": { "contextRef": "c-1", "name": "dei:AuditorName", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "dei:AuditorName", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R3": { "role": "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss", "longName": "9952151 - Statement - Statements Of Consolidated Income (Loss)", "shortName": "Statements Of Consolidated Income (Loss)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "3", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:AssetImpairmentCharges", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R4": { "role": "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss", "longName": "9952152 - Statement - Statements of Consolidated Comprehensive Income (Loss)", "shortName": "Statements of Consolidated Comprehensive Income (Loss)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "4", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ProfitLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeLossAvailableForSaleSecuritiesAdjustmentNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R5": { "role": "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical", "longName": "9952153 - Statement - Statements of Consolidated Comprehensive Income (Loss) (Parenthetical)", "shortName": "Statements of Consolidated Comprehensive Income (Loss) (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "5", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "link:footnote", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "link:footnote", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R6": { "role": "http://www.nisource.com/role/ConsolidatedBalanceSheets", "longName": "9952154 - Statement - Consolidated Balance Sheets", "shortName": "Consolidated Balance Sheets", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "6", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:PublicUtilitiesPropertyPlantAndEquipmentPlantInService", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:PublicUtilitiesPropertyPlantAndEquipmentPlantInService", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R7": { "role": "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "longName": "9952155 - Statement - Consolidated Balance Sheets (Parenthetical)", "shortName": "Consolidated Balance Sheets (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "7", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:CommonStockParOrStatedValuePerShare", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": ["us-gaap:CommonStockParOrStatedValuePerShare", "span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R8": { "role": "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "longName": "9952156 - Statement - Statements Of Consolidated Cash Flows", "shortName": "Statements Of Consolidated Cash Flows", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "8", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ProfitLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-

gaap:DeferredIncomeTaxesAndTaxCredits", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R9": { "role": "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation", "longName": "9952157 - Statement - Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation)", "shortName": "Statements Of Consolidated Cash Flows (Schedule of Balance Sheet Reconciliation)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "9", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-12", "name": "us-gaap:CashAndCashEquivalentsAtCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R10": { "role": "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "longName": "9952158 - Statement - Statements Of Consolidated Stockholders' Equity", "shortName": "Statements Of Consolidated Stockholders' Equity", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "10", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R11": { "role": "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares", "longName": "9952159 - Statement - Statements Of Consolidated Stockholders' Equity (Shares)", "shortName": "Statements Of Consolidated Stockholders' Equity (Shares)", "isDefault": "false", "groupType": "statement", "subGroupType": "", "menuCat": "Statements", "order": "11", "firstAnchor": { "contextRef": "c-13", "name": "us-gaap:SharesIssued", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:SharesIssued", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "-3", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R12": { "role": "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical", "longName": "9952160 - Statement - Statements of Consolidated Stockholders' Equity (Parenthetical)", "shortName": "Statements of Consolidated Stockholders' Equity (Parenthetical)", "isDefault": "false", "groupType": "statement", "subGroupType": "parenthetical", "menuCat": "Statements", "order": "12", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CommonStockDividendsPerShareDeclared", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": ["span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CommonStockDividendsPerShareDeclared", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": ["span", "div", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R13": { "role": "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPolicies", "longName": "9952161 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies", "shortName": "Nature of Operations And Summary of Significant Accounting Policies", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "13", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:SignificantAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:SignificantAccountingPoliciesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R14": { "role": "http://www.nisource.com/role/RecentAccountingPronouncements", "longName": "9952162 - Disclosure - Recent Accounting Pronouncements", "shortName": "Recent Accounting Pronouncements", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "14", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R15": { "role": "http://www.nisource.com/role/RevenueRecognition", "longName": "9952163 - Disclosure - Revenue Recognition", "shortName": "Revenue Recognition", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "15", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:RevenueFromContractWithCustomerTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:RevenueFromContractWithCustomerTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R16": { "role": "http://www.nisource.com/role/VariableInterestEntities", "longName": "9952164 - Disclosure - Variable Interest Entities", "shortName": "Variable Interest Entities", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "16", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:MinorityInterestDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:MinorityInterestDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R17": { "role": "http://www.nisource.com/role/EarningsPerShare", "longName": "9952165 - Disclosure - Earnings Per Share", "shortName": "Earnings Per Share", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "17", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:EarningsPerShareTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R18": { "role": "http://www.nisource.com/role/Equity", "longName": "9952166 - Disclosure - Equity", "shortName": "Equity", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "18", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R19": { "role": "http://www.nisource.com/role/ShortTermBorrowings", "longName": "9952167 - Disclosure - Short-Term Borrowings", "shortName": "Short-Term Borrowings", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "19", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ShortTermDebtTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ShortTermDebtTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R20": { "role": "http://www.nisource.com/role/LongTermDebt", "longName": "9952168 - Disclosure - Long-Term Debt", "shortName": "Long-Term Debt", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "20", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:LongTermDebtTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:LongTermDebtTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R21": { "role": "http://www.nisource.com/role/PropertyPlantAndEquipment", "longName": "9952169 - Disclosure - Property, Plant And Equipment", "shortName": "Property, Plant And Equipment", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "21", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R22": { "role": "http://www.nisource.com/role/GoodwillandOtherIntangibleAssets", "longName": "9952170 - Disclosure - Goodwill and Other Intangible Assets", "shortName": "Goodwill and Other Intangible Assets", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "22", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R23": { "role": "http://www.nisource.com/role/AssetRetirementObligations", "longName": "9952171 - Disclosure - Asset Retirement Obligations", "shortName": "Asset Retirement Obligations", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "23", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:AssetRetirementObligationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:AssetRetirementObligationDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R24": { "role": "http://www.nisource.com/role/RegulatoryMatters", "longName": "9952172 - Disclosure - Regulatory Matters", "shortName": "Regulatory Matters", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "24", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PublicUtilitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:PublicUtilitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R25": { "role": "http://www.nisource.com/role/RiskManagementActivities", "longName": "9952173 - Disclosure - Risk Management Activities", "shortName": "Risk Management Activities", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "25", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R26": { "role": "http://www.nisource.com/role/FairValue", "longName": "9952174 - Disclosure - Fair Value", "shortName": "Fair Value", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "26", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FairValueDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R27": { "role": "http://www.nisource.com/role/IncomeTaxes", "longName": "9952175 - Disclosure - Income Taxes", "shortName": "Income Taxes", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "27", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeTaxDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R28": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefits", "longName": "9952176 - Disclosure - Pension and Other Postretirement Benefits", "shortName": "Pension and Other Postretirement Benefits", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "28", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R29": { "role": "http://www.nisource.com/role/ShareBasedCompensation", "longName": "9952177 - Disclosure - Share-Based Compensation", "shortName": "Share-Based Compensation", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "29", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R30": { "role":

```
"http://www.nisource.com/role/Leases", "longName": "9952178 - Disclosure - Leases", "shortName": "Leases", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "30", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:LesseeOperatingLeasesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:LesseeOperatingLeasesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R31": { "role": "http://www.nisource.com/role/OtherCommitmentsAndContingencies", "longName": "9952179 - Disclosure - Other Commitments And Contingencies", "shortName": "Other Commitments And Contingencies", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "31", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "srt:ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "span", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CommitmentsAndContingenciesDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "srt:ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "span", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R32": { "role": "http://www.nisource.com/role/AccumulatedOtherComprehensiveLoss", "longName": "9952180 - Disclosure - Accumulated Other Comprehensive Loss", "shortName": "Accumulated Other Comprehensive Loss", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "32", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ComprehensiveIncomeNoteTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R33": { "role": "http://www.nisource.com/role/BusinessSegmentInformation", "longName": "9952181 - Disclosure - Business Segment Information", "shortName": "Business Segment Information", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "33", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:SegmentReportingDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R34": { "role": "http://www.nisource.com/role/OtherNet", "longName": "9952182 - Disclosure - Other, Net", "shortName": "Other, Net", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "34", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherIncomeAndOtherExpenseDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherIncomeAndOtherExpenseDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R35": { "role": "http://www.nisource.com/role/InterestExpenseNet", "longName": "9952183 - Disclosure - Interest Expense, Net", "shortName": "Interest Expense, Net", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "35", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R36": { "role": "http://www.nisource.com/role/SupplementalCashFlowInformation", "longName": "9952184 - Disclosure - Supplemental Cash Flow Information", "shortName": "Supplemental Cash Flow Information", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "36", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R37": { "role": "http://xbrl.sec.gov/ecd/role/PvpDisclosure", "longName": "995410 - Disclosure - Pay vs Performance Disclosure", "shortName": "Pay vs Performance Disclosure", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "37", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NetIncomeLoss", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R38": { "role": "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "longName": "995445 - Disclosure - Insider Trading Arrangements", "shortName": "Insider Trading Arrangements", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "38", "firstAnchor": { "contextRef": "c-1", "name": "ecd:MtrlTermsOfTrdArrTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "ecd:MtrlTermsOfTrdArrTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R39": { "role": "http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc", "longName": "995447 - Disclosure - Insider Trading Policies and Procedures", "shortName": "Insider Trading Policies and Procedures", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "39", "firstAnchor": { "contextRef": "c-1", "name": "ecd:InsiderTrdPoliciesProcAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "span", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "ecd:InsiderTrdPoliciesProcAdoptedFlag", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "span", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R40": { "role": "http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure", "longName": "995550 - Disclosure - Cybersecurity Risk Management and Strategy Disclosure", "shortName": "Cybersecurity Risk Management and Strategy Disclosure", "isDefault": "false", "groupType": "disclosure", "subGroupType": "", "menuCat": "Notes", "order": "40", "firstAnchor": { "contextRef": "c-1", "name": "cyd:CybersecurityRiskManagementProcessesForAssessingIdentifyingAndManagingThreatsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "cyd:CybersecurityRiskManagementProcessesForAssessingIdentifyingAndManagingThreatsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R41": { "role": "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy", "longName": "9955511 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Policy)", "shortName": "Nature of Operations And Summary of Significant Accounting Policies (Policy)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "policies", "menuCat": "Policies", "order": "41", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ConsolidationPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "span", "div", "us-gaap:SignificantAccountingPoliciesTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ConsolidationPolicyTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "span", "div", "us-gaap:SignificantAccountingPoliciesTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R42": { "role": "http://www.nisource.com/role/RevenueRecognitionTables", "longName": "9955513 - Disclosure - Revenue Recognition (Tables)", "shortName": "Revenue Recognition (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "42", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:DisaggregationOfRevenueTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DisaggregationOfRevenueTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R43": { "role": "http://www.nisource.com/role/VariableInterestEntitiesTables", "longName": "9955514 - Disclosure - Variable Interest Entities (Tables)", "shortName": "Variable Interest Entities (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "43", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfVariableInterestEntitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfVariableInterestEntitiesTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R44": { "role": "http://www.nisource.com/role/EarningsPerShareTables", "longName": "9955515 - Disclosure - Earnings Per Share (Tables)", "shortName": "Earnings Per Share (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "44", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R45": { "role": "http://www.nisource.com/role/EquityTables", "longName": "9955516 - Disclosure - Equity (Tables)", "shortName": "Equity (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "45", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfStockByClassTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfStockByClassTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R46": { "role": "http://www.nisource.com/role/LongTermDebtTables", "longName": "9955518 - Disclosure - Long-Term Debt (Tables)", "shortName": "Long-Term Debt (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "46", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDebtTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:LongTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDebtTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:LongTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R47": { "role": "http://www.nisource.com/role/PropertyPlantAndEquipmentTables", "longName": "9955519 - Disclosure - Property, Plant And Equipment (Tables)", "shortName": "Property, Plant And Equipment (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "47", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:PropertyPlantAndEquipmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:PropertyPlantAndEquipmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R48": { "role": "http://www.nisource.com/role/AssetRetirementObligationsTables", "longName": "9955520 - Disclosure - Asset Retirement Obligations (Tables)", "shortName": "Asset Retirement Obligations (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "48", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfChangeInAssetRetirementObligationTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:AssetRetirementObligationDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfChangeInAssetRetirementObligationTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "us-gaap:AssetRetirementObligationDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R49": { "role": "http://www.nisource.com/role/RegulatoryMattersTables", "longName": "9955521 - Disclosure - Regulatory Matters (Tables)", "shortName": "Regulatory Matters (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "49", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": [ "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R50": { "role": "http://www.nisource.com/role/RiskManagementActivitiesTables", "longName": "9955522 - Disclosure - Risk Management Activities (Tables)", "shortName": "Risk Management Activities (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "50", "firstAnchor": { "contextRef": "c-1", "name": "us-
```

gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } } }, "R51": { "role": "http://www.nisource.com/role/FairValueTables", "longName": "9955523 - Disclosure - Fair Value (Tables)", "shortName": "Fair Value (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "51", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:FairValueDisclosuresTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:FairValueDisclosuresTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R52": { "role": "http://www.nisource.com/role/IncomeTaxesTables", "longName": "9955524 - Disclosure - Income Taxes (Tables)", "shortName": "Income Taxes (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "52", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:IncomeTaxDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["div", "us-gaap:IncomeTaxDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R53": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables", "longName": "9955525 - Disclosure - Pension and Other Postretirement Benefits (Tables)", "shortName": "Pension and Other Postretirement Benefits (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "53", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R54": { "role": "http://www.nisource.com/role/ShareBasedCompensationTables", "longName": "9955526 - Disclosure - Share-Based Compensation (Tables)", "shortName": "Share-Based Compensation (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "54", "firstAnchor": { "contextRef": "c-1", "name": "nix:PerformanceAwardDetailsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:PerformanceAwardDetailsTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R55": { "role": "http://www.nisource.com/role/LeasesTables", "longName": "9955527 - Disclosure - Leases (Tables)", "shortName": "Leases (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "55", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:LeaseCostTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:LeaseCostTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R56": { "role": "http://www.nisource.com/role/OtherCommitmentsAndContingenciesTables", "longName": "9955528 - Disclosure - Other Commitments And Contingencies (Tables)", "shortName": "Other Commitments And Contingencies (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "56", "firstAnchor": { "contextRef": "c-1", "name": "srt:ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "srt:ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R57": { "role": "http://www.nisource.com/role/AccumulatedOtherComprehensiveLossTables", "longName": "9955529 - Disclosure - Accumulated Other Comprehensive Loss (Tables)", "shortName": "Accumulated Other Comprehensive Loss (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "57", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R58": { "role": "http://www.nisource.com/role/BusinessSegmentInformationTables", "longName": "9955530 - Disclosure - Business Segment Information (Tables)", "shortName": "Business Segment Information (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "58", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:SegmentReportingDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfSegmentReportingInformationBySegmentTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:SegmentReportingDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R59": { "role": "http://www.nisource.com/role/OtherNetTables", "longName": "9955531 - Disclosure - Other, Net (Tables)", "shortName": "Other, Net (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "59", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R60": { "role": "http://www.nisource.com/role/InterestExpenseNetTables", "longName": "9955532 - Disclosure - Interest Expense, Net (Tables)", "shortName": "Interest Expense, Net (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "60", "firstAnchor": { "contextRef": "c-1", "name": "nix:ScheduleOfInterestExpenseNetTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:ScheduleOfInterestExpenseNetTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R61": { "role": "http://www.nisource.com/role/SupplementalCashFlowInformationTables", "longName": "9955533 - Disclosure - Supplemental Cash Flow Information (Tables)", "shortName": "Supplemental Cash Flow Information (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "61", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R62": { "role": "http://www.nisource.com/role/ValuationandQualifyingAccountsTables", "longName": "9955534 - Disclosure - Valuation and Qualifying Accounts (Tables)", "shortName": "Valuation and Qualifying Accounts (Tables)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "tables", "menuCat": "Tables", "order": "62", "firstAnchor": { "contextRef": "c-1", "name": "srt:ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "srt:ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R63": { "role": "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "longName": "9955535 - Disclosure - Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details)", "shortName": "Nature of Operations And Summary of Significant Accounting Policies (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "63", "firstAnchor": { "contextRef": "c-1", "name": "nix:NumberOfCustomers", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "ix:continuation", "div", "us-gaap:SignificantAccountingPoliciesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:NumberOfCustomers", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "ix:continuation", "div", "us-gaap:SignificantAccountingPoliciesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R64": { "role": "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails", "longName": "9955539 - Disclosure - Revenue Recognition (Disaggregation of Revenue) (Details)", "shortName": "Revenue Recognition (Disaggregation of Revenue) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "64", "firstAnchor": { "contextRef": "c-113", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DisaggregationOfRevenueTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-113", "name": "us-gaap:RevenueFromContractWithCustomerExcludingAssessedTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:DisaggregationOfRevenueTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R65": { "role": "http://www.nisource.com/role/RevenueRecognitionCustomerAccountsReceivableDetails", "longName": "9955540 - Disclosure - Revenue Recognition (Customer Accounts Receivable) (Details)", "shortName": "Revenue Recognition (Customer Accounts Receivable) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "65", "firstAnchor": { "contextRef": "c-7", "name": "nix:CustomerAccountsReceivableBilledLessReserve", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:CustomerAccountsReceivableBilledLessReserve", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R66": { "role": "http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "longName": "9955541 - Disclosure - Revenue Recognition (Allowance for Credit Losses) (Details)", "shortName": "Revenue Recognition (Allowance for Credit Losses) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "66", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:FinancingReceivableAllowanceForCreditLosses", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:FinancingReceivableAllowanceForCreditLosses", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R67": { "role": "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "longName": "9955542 - Disclosure - Variable Interest Entities (Narrative) (Details)", "shortName": "Variable Interest Entities (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "67", "firstAnchor": { "contextRef": "c-7", "name": "nix:WindPowerPurchaseAgreementPurchasePercentage", "unitRef": "rate", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": ["span", "div", "us-gaap:MinorityInterestDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-8", "name": "us-gaap:BusinessAcquisitionCostOfAcquiredEntityTransactionCosts", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "ix:continuation", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R68": { "role": "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails", "longName": "9955543 - Disclosure - Variable Interest Entities (Schedule of Noncontrolling Interest) (Details)", "shortName": "Variable Interest Entities (Schedule of Noncontrolling Interest) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "68", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:MinorityInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R69": { "role": "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails",

```
"longName": "9955544 - Disclosure - Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details)", "shortName": "Variable Interest Entities (Schedule of Net Income Attributable to Noncontrolling Interest) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "69", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NetIncomeLossAttributableToNoncontrollingInterest", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R70": { "role": "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails", "longName": "9955546 - Disclosure - Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details)", "shortName": "Variable Interest Entities (Schedule of VIE Assets and Liabilities) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "70", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:PropertyPlantAndEquipmentNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:PropertyPlantAndEquipmentTextBlock", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-11", "name": "us-gaap:PropertyPlantAndEquipmentNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfVariableInterestEntitiesTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R71": { "role": "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "longName": "9955548 - Disclosure - Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details)", "shortName": "Earnings Per Share (Schedule of Earnings Per Share, Basic and Diluted) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "71", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NetIncomeLossAvailableToCommonStockholdersBasic", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DilutiveSecuritiesEffectOnBasicEarningsPerShareOther", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R72": { "role": "http://www.nisource.com/role/EquityNarrativeDetails", "longName": "9955549 - Disclosure - Equity (Narrative) (Details)", "shortName": "Equity (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "72", "firstAnchor": { "contextRef": "c-219", "name": "nix:CommonStockAggregateSalePrice", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-219", "name": "nix:CommonStockAggregateSalePrice", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R73": { "role": "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails", "longName": "9955550 - Disclosure - Equity (Schedule of Stock by Class - Preferred) (Details)", "shortName": "Equity (Schedule of Stock by Class - Preferred) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "73", "firstAnchor": { "contextRef": "c-238", "name": "us-gaap:PreferredStockLiquidationPreference", "unitRef": "usdPerShare", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R74": { "role": "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails", "longName": "9955551 - Disclosure - Equity (Schedule of Equity Units) (Details)", "shortName": "Equity (Schedule of Equity Units) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "74", "firstAnchor": { "contextRef": "c-7", "name": "nix:PurchaseContractLiability", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R75": { "role": "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails", "longName": "9955552 - Disclosure - Short-Term Borrowings (Narrative) (Details)", "shortName": "Short-Term Borrowings (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "75", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:LineOfCredit", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:ShortTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:CommercialPaper", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:ShortTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R76": { "role": "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "longName": "9955553 - Disclosure - Long-Term Debt (Narrative) (Details)", "shortName": "Long-Term Debt (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "76", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:SeniorNotes", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDebtTableTextBlock", "us-gaap:LongTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:DebtInstrumentConvertibleConversionRatio1", "unitRef": "rate", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R77": { "role": "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "longName": "9955554 - Disclosure - Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details)", "shortName": "Long-Term Debt (Schedule of Consolidated Long-Term Debt (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "77", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:MediumTermNotes", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDebtTableTextBlock", "us-gaap:LongTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:MediumTermNotes", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDebtTableTextBlock", "us-gaap:LongTermDebtTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R78": { "role": "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails", "longName": "9955555 - Disclosure - Property, Plant and Equipment (Narrative) (Details)", "shortName": "Property, Plant and Equipment (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "78", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:Depreciation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:Depreciation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R79": { "role": "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails", "longName": "9955556 - Disclosure - Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details)", "shortName": "Property, Plant And Equipment (Schedule Of Property, Plant And Equipment) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "79", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:PropertyPlantAndEquipmentGross", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:PropertyPlantAndEquipmentTextBlock", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:PropertyPlantAndEquipmentGross", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:PropertyPlantAndEquipmentTextBlock", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R80": { "role": "http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails", "longName": "9955557 - Disclosure - Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details)", "shortName": "Property, Plant And Equipment Property, Plant and Equipment (Schedule of Depreciation Provisions For Utility Plant as a Percentage of the Original Cost) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "80", "firstAnchor": { "contextRef": "c-206", "name": "nix:DepreciationProvisionsForUtilityPlantPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": [ "span", "td", "tr", "table", "div", "nix:ScheduleOfDepreciationProvisionsForUtilityPlantAsPercentageOfOriginalCostTableTextBlock", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-206", "name": "nix:DepreciationProvisionsForUtilityPlantPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": [ "span", "td", "tr", "table", "div", "nix:ScheduleOfDepreciationProvisionsForUtilityPlantAsPercentageOfOriginalCostTableTextBlock", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R81": { "role": "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "longName": "9955558 - Disclosure - Goodwill and Other Intangible Assets (Details)", "shortName": "Goodwill and Other Intangible Assets (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "81", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:Goodwill", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-342", "name": "us-gaap:Goodwill", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "us-gaap:GoodwillAndIntangibleAssetsDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R82": { "role": "http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails", "longName": "9955559 - Disclosure - Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details)", "shortName": "Asset Retirement Obligations (Changes In Company's Liability For Asset Retirement Obligations) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "82", "firstAnchor": { "contextRef": "c-8", "name": "us-gaap:AssetRetirementObligationsNoncurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:AccretionRecordedAsRegulatoryAssetOrLiability", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfChangeInAssetRetirementObligationTableTextBlock", "us-gaap:AssetRetirementObligationDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R83": { "role": "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "longName": "9955560 - Disclosure - Regulatory Matters (Narrative) (Details)", "shortName": "Regulatory Matters (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "83", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:RemainingAmountsOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:RemainingAmountsOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R84": { "role": "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "longName": "9955561 - Disclosure - Regulatory Matters (Regulatory Assets) (Details)", "shortName": "Regulatory Matters (Regulatory Assets) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "84", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:RegulatoryAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-347", "name": "us-gaap:RegulatoryAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R85": { "role": "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails", "longName": "9955562 - Disclosure - Regulatory Matters (Regulatory Liabilities) (Details)", "shortName": "Regulatory Matters (Regulatory Liabilities) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "85", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:RegulatoryLiabilities", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryLiabilitiesTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-365", "name": "us-gaap:RegulatoryLiabilities", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryLiabilitiesTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R86": { "role": "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails", "longName": "9955563 - Disclosure - Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details)", "shortName": "Regulatory Matters (Schedule of COVID-19 Regulatory Impact) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "86", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:RegulatoryAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R87": { "role": "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "longName": "9955564 - Disclosure - Risk Management Activities (Narrative) (Details)",
```

```
"shortName": "Risk Management Activities (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "87", "firstAnchor": { "contextRef": "c-7", "name": "nix:LimitofGCAVolumes", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": [ "span", "div", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:LimitofGCAVolumes", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": [ "span", "div", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } } }, "R88": { "role":
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails", "longName": "9955565 - Disclosure - Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details)", "shortName": "Risk Management Activities (Schedule of Derivative Instruments in Statement of Financial Position, Fair Value) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "88", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:DerivativeAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "us-gaap:FairValueDisclosuresTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-399", "name": "us-gaap:DerivativeLiabilities", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R89": { "role":
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails", "longName": "9955566 - Disclosure - Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details)", "shortName": "Risk Management Activities (Schedule of Cash Flow Hedges in AOCI) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "89", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeLossNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-822", "name": "us-gaap:OtherComprehensiveIncomeLossNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R90": { "role": "http://www.nisource.com/role/FairValueNarrativeDetails", "longName": "9955567 - Disclosure - Fair Value (Narrative) (Details)", "shortName": "Fair Value (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "90", "firstAnchor": { "contextRef": "c-1", "name": "nix:TransfersbetweenFairValueHierarchies", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "nix:TransfersbetweenFairValueHierarchies", "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:TransfersbetweenFairValueHierarchies", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "nix:TransfersbetweenFairValueHierarchies", "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R91": { "role": "http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails", "longName": "9955568 - Disclosure - Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details)", "shortName": "Fair Value (Fair Value Of Financial Assets And Liabilities Measured On A Recurring Basis) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "91", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:DerivativeAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "us-gaap:FairValueDisclosuresTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:AssetsFairValueDisclosure", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "us-gaap:FairValueDisclosuresTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R92": { "role":
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "longName": "9955569 - Disclosure - Fair Value (Available-For-Sale Securities) (Details)", "shortName": "Fair Value (Available-For-Sale Securities) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "92", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:AvailableForSaleDebtSecuritiesAmortizedCostBasis", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedGainBeforeTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:DebtSecuritiesAvailableForSaleTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R93": { "role": "http://www.nisource.com/role/FairValueCarryingAmountAndEstimatedFairValuesOfFinancialInstrumentsDetails", "longName": "9955570 - Disclosure - Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details)", "shortName": "Fair Value (Carrying Amount And Estimated Fair Values Of Financial Instruments) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "93", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:DebtInstrumentCarryingAmount", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfCarryingValuesAndEstimatedFairValuesOfDebtInstrumentsTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:LongTermDebtFairValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:ScheduleOfCarryingValuesAndEstimatedFairValuesOfDebtInstrumentsTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R94": { "role": "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "longName": "9955571 - Disclosure - Income Taxes (Narrative) (Details)", "shortName": "Income Taxes (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "94", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:DeferredTaxAssetsOperatingLossCarryforwards", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:EffectiveIncomeTaxRateReconciliationMinorityInterestIncomeExpense", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R95": { "role": "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails", "longName": "9955572 - Disclosure - Income Taxes (Schedule Of Components Of Income Tax Expense) (Details)", "shortName": "Income Taxes (Schedule Of Components Of Income Tax Expense) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "95", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CurrentFederalTaxExpenseBenefit", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:IncomeTaxDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CurrentFederalTaxExpenseBenefit", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:IncomeTaxDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R96": { "role": "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails", "longName": "9955573 - Disclosure - Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details)", "shortName": "Income Taxes (Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "96", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": null }, "R97": { "role": "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails", "longName": "9955574 - Disclosure - Income Taxes (Schedule Of Principal Components Of Net Deferred Tax Liability) (Details)", "shortName": "Income Taxes (Schedule Of Principal Components Of Net Deferred Tax Liability) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "97", "firstAnchor": { "contextRef": "c-7", "name": "nix:AcceleratedDepreciationAndOtherPropertyDifferences", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:AcceleratedDepreciationAndOtherPropertyDifferences", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R98": { "role":
"http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails", "longName": "9955575 - Disclosure - Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details)", "shortName": "Income Taxes (Schedule of Unrecognized Tax Benefits Roll Forward) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "98", "firstAnchor": { "contextRef": "c-8", "name": "us-gaap:UnrecognizedTaxBenefits", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-13", "name": "us-gaap:UnrecognizedTaxBenefits", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R99": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "longName": "9955576 - Disclosure - Pension and Other Postretirement Benefits (Narrative) (Details)", "shortName": "Pension and Other Postretirement Benefits (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "99", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:RegulatoryAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfRegulatoryAssetsTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanExpectedFutureEmployerContributionsNextFiscalYear", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R100": { "role":
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "longName": "9955577 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Portfolio Asset Mix) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "100", "firstAnchor": { "contextRef": "c-442", "name": "us-gaap:DefinedBenefitPlanPlanAssetsTargetAllocationPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-450", "name": "us-gaap:DefinedBenefitPlanPlanAssetsTargetAllocationPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R101": { "role":
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "longName": "9955578 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule of Plan Asset Mix Prior Year) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "101", "firstAnchor": { "contextRef": "c-442", "name": "us-gaap:DefinedBenefitPlanPlanAssetsTargetAllocationPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-474", "name": "us-gaap:DefinedBenefitPlanPlanAssetsTargetAllocationPercentage", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "2", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAllocationOfPlanAssetsTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R102": { "role":
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "longName": "9955579 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Pension Plan And Postretirement Plan Asset Mix) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "102", "firstAnchor": { "contextRef": "c-612", "name": "us-gaap:DefinedBenefitPlanFairValueOfPlanAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "nix:ScheduleOfFairValueAndChangesInFairValueOfPensionPlanAssetsTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-501", "name":
"nix:DefinedBenefitPlanTargetAllocationPercentageOfTotalAssets", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "3", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R103": { "role":
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "longName": "9955580 - Disclosure - Pension and
```

Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Fair Value Of Pension Plan Assets) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "103", "firstAnchor": { "contextRef": "c-417", "name": "us-gaap:DefinedBenefitPlanFairValueOfPlanAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-417", "name": "us-gaap:DefinedBenefitPlanFairValueOfPlanAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R104": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "longName": "9955581 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule of Net Asset Value Per Share) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "104", "firstAnchor": { "contextRef": "c-7", "name": "nix:NetAssetValueExcludedFromFairValueByInput", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:NetAssetValueExcludedFromFairValueByInput", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R105": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "longName": "9955582 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Reconciliation Of The Plans Funded Status And Amounts Reflected) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "105", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R106": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails", "longName": "9955583 - Disclosure - Pension and Other Postretirement Benefits (Schedule of Benefit Obligations in Excess of Fair Value) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule of Benefit Obligations in Excess of Fair Value) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "106", "firstAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanAccumulatedBenefitObligation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-749", "name": "us-gaap:DefinedBenefitPlanAccumulatedBenefitObligation", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R107": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails", "longName": "9955584 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "107", "firstAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAssumptionsUsedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfAssumptionsUsedTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R108": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails", "longName": "9955585 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Expected Payments To Participants In Pension Plan) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "108", "firstAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-501", "name": "us-gaap:DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R109": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails", "longName": "9955586 - Disclosure - Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details)", "shortName": "Pension and Other Postretirement Benefits (Components Of The Plans' Net Periodic Benefits Cost) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "109", "firstAnchor": { "contextRef": "c-741", "name": "us-gaap:DefinedBenefitPlanServiceCost", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-741", "name": "us-gaap:DefinedBenefitPlanExpectedReturnOnPlanAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfNetBenefitCostsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R110": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails", "longName": "9955587 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net Periodic Benefits Cost) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Key Assumptions That Were Used To Calculate The Net Periodic Benefits Cost) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "110", "firstAnchor": { "contextRef": "c-741", "name": "us-gaap:DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-741", "name": "us-gaap:DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate", "unitRef": "number", "xsiNil": "false", "lang": "en-US", "decimals": "4", "ancestors": ["span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R111": { "role": "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom "longName": "9955588 - Disclosure - Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details)", "shortName": "Pension and Other Postretirement Benefits (Schedule Of Changes In Plan Assets And Projected Benefit Obligations Recognized In Other Comprehensive Income) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "111", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-741", "name": "us-gaap:OtherComprehensiveIncomeDefinedBenefitPlanNetPriorServiceCostsCreditArisingDuringPeriodNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfDefinedBenefitPlanAmountsRecognizedInOtherComprehensiveIncomeLossTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R112": { "role": "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "longName": "9955589 - Disclosure - Share-Based Compensation (Narrative) (Details)", "shortName": "Share-Based Compensation (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "112", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "div", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R113": { "role": "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails", "longName": "9955590 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details)", "shortName": "Share-Based Compensation (Schedule Of Transactions Of Restricted Stock Unit) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "113", "firstAnchor": { "contextRef": "c-764", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-763", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R114": { "role": "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "longName": "9955591 - Disclosure - Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details)", "shortName": "Share-Based Compensation (Schedule Of Transactions Of Contingent Awards) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "114", "firstAnchor": { "contextRef": "c-781", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-766", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R115": { "role": "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails", "longName": "9955592 - Disclosure - Share-Based Compensation (Schedule of Performance Award Details) (Details)", "shortName": "Share-Based Compensation (Schedule of Performance Award Details) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "115", "firstAnchor": { "contextRef": "c-782", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "us-gaap:ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-779", "name": "us-gaap:ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "unitRef": "shares", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": ["span", "td", "tr", "table", "div", "nix:PerformanceAwardDetailsTableTextBlock", "ix:continuation", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R116": { "role": "http://www.nisource.com/role/LeasesNarrativeDetails", "longName": "9955593 - Disclosure - Leases (Narrative) (Details)", "shortName": "Leases (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "116", "firstAnchor": { "contextRef": "c-1", "name": "nix:LesseeLeaseRenewalTerm", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "nix:LesseeLeaseRenewalTerm", "unitRef": null, "xsiNil": "false", "lang": "en-US", "decimals": null, "ancestors": ["span", "div", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html"], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R117": { "role": "http://www.nisource.com/role/LeasesLeaseCostDetails", "longName": "9955594 - Disclosure - Leases (Lease Cost) (Details)", "shortName": "Leases (Lease Cost) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details",

```
"order": "117", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FinanceLeaseRightOfUseAssetAmortization", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:FinanceLeaseRightOfUseAssetAmortization", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "us-gaap:LesseeFinanceLeasesTextBlock", "us-gaap:LesseeOperatingLeasesTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R118": { "role": "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails", "longName": "9955595 - Disclosure - Leases (Right-of-Use Assets and Liabilities) (Details)", "shortName": "Leases (Right-of-Use Assets and Liabilities) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "118", "firstAnchor": { "contextRef": "c-7", "name": "us-gaap:FinanceLeaseRightOfUseAsset", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:RightofUseAssetsandLiabilitiesTableTextBlock", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "us-gaap:FinanceLeaseRightOfUseAsset", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:RightofUseAssetsandLiabilitiesTableTextBlock", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R119": { "role": "http://www.nisource.com/role/LeasesLeaseInformationDetails", "longName": "9955596 - Disclosure - Leases (Lease Information) (Details)", "shortName": "Leases (Lease Information) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "119", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:FinanceLeaseInterestPaymentOnLiability", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:LeaseInformationTableTextBlock", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OperatingLeasePayments", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:LeaseInformationTableTextBlock", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R120": { "role": "http://www.nisource.com/role/LeasesLeaseMaturityDetails", "longName": "9955597 - Disclosure - Leases (Lease Maturity) (Details)", "shortName": "Leases (Lease Maturity) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "120", "firstAnchor": { "contextRef": "c-7", "name": "nix:TotalFutureMinimumLeasePaymentsDueNextTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "nix:LeaseMaturityTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:TotalFutureMinimumLeasePaymentsDueNextTwelveMonths", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "nix:LeaseMaturityTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R121": { "role": "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "longName": "9955598 - Disclosure - Other Commitments And Contingencies (Narrative) (Details)", "shortName": "Other Commitments And Contingencies (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "121", "firstAnchor": { "contextRef": "c-7", "name": "nix:WindPowerPurchaseAgreementCapacity", "unitRef": "mw", "xsiNil": "false", "lang": "en-US", "decimals": "0", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-8", "name": "us-gaap:GuaranteeObligationsCurrentCarryingValue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "div", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R122": { "role": "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails", "longName": "9955599 - Disclosure - Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details)", "shortName": "Other Commitments and Contingencies (Contractual Obligation, Fiscal Year Maturity Schedule) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "122", "firstAnchor": { "contextRef": "c-7", "name": "nix:LongtermDebtFutureMinimumPaymentsDue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-7", "name": "nix:LongtermDebtFutureMinimumPaymentsDue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R123": { "role": "http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails", "longName": "9955600 - Disclosure - Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details)", "shortName": "Accumulated Other Comprehensive Loss (Components Of Accumulated Other Comprehensive Loss) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "123", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeLossBeforeReclassificationsNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:OtherComprehensiveIncomeLossBeforeReclassificationsNetOfTax", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:ComprehensiveIncomeNoteTextBlock", "us-gaap:ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R124": { "role": "http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails", "longName": "9955601 - Disclosure - Business Segment Information (Narrative) (Details)", "shortName": "Business Segment Information (Narrative) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "124", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:NumberOfReportableSegments", "unitRef": "segment", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": [ "span", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:NumberOfReportableSegments", "unitRef": "segment", "xsiNil": "false", "lang": "en-US", "decimals": "INF", "ancestors": [ "span", "div", "us-gaap:SegmentReportingDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R125": { "role": "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails", "longName": "9955602 - Disclosure - Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details)", "shortName": "Business Segment Information (Schedule Of Operating Income Derived From Revenues And Expenses By Segment) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "125", "firstAnchor": { "contextRef": "c-113", "name": "us-gaap:RegulatedOperatingRevenue", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:DisaggregationOfRevenueTableTextBlock", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:SegmentExpenditureAdditionToLongLivedAssets", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "ix:continuation", "ix:continuation", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } }, "R126": { "role": "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails", "longName": "9955603 - Disclosure - Other, Net (Schedule Of Other Net) (Details)", "shortName": "Other, Net (Schedule Of Other Net) (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "126", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestIncomeExpenseNonoperatingNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:OtherIncomeAndOtherExpenseDisclosureTextBlock", "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestIncomeExpenseNonoperatingNet", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:OtherIncomeAndOtherExpenseDisclosureTextBlock", "us-gaap:ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R127": { "role": "http://www.nisource.com/role/InterestExpenseNetDetails", "longName": "9955604 - Disclosure - Interest Expense, Net (Details)", "shortName": "Interest Expense, Net (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "127", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestExpenseLongTermDebt", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:ScheduleOfInterestExpenseNetTableTextBlock", "us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:InterestExpenseLongTermDebt", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "nix:ScheduleOfInterestExpenseNetTableTextBlock", "us-gaap:InterestIncomeAndInterestExpenseDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R128": { "role": "http://www.nisource.com/role/SupplementalCashFlowInformationDetails", "longName": "9955605 - Disclosure - Supplemental Cash Flow Information (Details)", "shortName": "Supplemental Cash Flow Information (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "128", "firstAnchor": { "contextRef": "c-1", "name": "us-gaap:CapitalExpendituresIncurredButNotYetPaid", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "c-1", "name": "us-gaap:CapitalExpendituresIncurredButNotYetPaid", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "us-gaap:ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true, "unique": true } }, "R129": { "role": "http://www.nisource.com/role/ValuationandQualifyingAccountsDetails", "longName": "9955606 - Disclosure - Valuation and Qualifying Accounts (Details)", "shortName": "Valuation and Qualifying Accounts (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "129", "firstAnchor": { "contextRef": "c-874", "name": "us-gaap:ValuationAllowancesAndReservesBalance", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "srt:ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "first": true }, "uniqueAnchor": { "contextRef": "c-886", "name": "us-gaap:ValuationAllowancesAndReservesBalance", "unitRef": "usd", "xsiNil": "false", "lang": "en-US", "decimals": "-5", "ancestors": [ "span", "td", "tr", "table", "div", "srt:ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "nix-20241231.htm", "unique": true } } }, "tag": { "nix_A095NotesDue2025And170NotesDue2031Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A095NotesDue2025And170NotesDue2031Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "0.95% Notes Due 2025 and 1.70% Notes Due 2031 [Member]", "label": "0.95% Notes Due 2025 and 1.70% Notes Due 2031 [Member]", "documentation": "0.95% Notes Due 2025 and 1.70% Notes Due 2031" } } }, "auth_ref": [] }, "nix_A095NotesDue2025Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A095NotesDue2025Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "0.95% Notes Due 2025", "label": "0.95% Notes Due 2025 [Member]", "documentation": "0.95% Notes Due 2025" } } }, "auth_ref": [] }, "nix_A170NotesDue2031Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A170NotesDue2031Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "1.70% Notes Due 2031", "label": "1.70% Notes Due 2031 [Member]", "documentation": "1.70% Notes Due 2031" } } }, "auth_ref": [] }, "nix_A2.65NotesDue2022Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2.65NotesDue2022Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2.65% Notes Due 2022", "label": "2.65% Notes Due 2022 [Member]", "documentation": "2.65% Notes Due 2022 [Member]" } } }, "auth_ref": [] }, "nix_A2.95NotesDue2029Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2.95NotesDue2029Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2.95% Notes Due 2029", "label": "2.95% Notes Due 2029 [Member]", "documentation": "2.95% Notes Due 2029 [Member]" } } }, "auth_ref": [] }, "nix_A2019AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2019AwardMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2019 Award", "label": "2019 Award [Member]", "documentation": "2019 Award [Member]" } } }, "auth_ref": [] }, "nix_A2020AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2020AwardMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2020 award", "label": "2020 award [Member]", "documentation": "2020 award" } } }, "auth_ref": [] }, "nix_A2021AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2021AwardMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2021 award", "label": "2021
```

award [Member]", "documentation": "2021 award" } } }, "auth_ref": [] }, "nix_A2021SpecialAwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2021SpecialAwardMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2021 Special award", "label": "2021 Special award [Member]", "documentation": "2021 Special award" } } }, "auth_ref": [] }, "nix_A2022AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2022AwardMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2022 award", "label": "2022 award [Member]", "documentation": "2022 award" } } }, "auth_ref": [] }, "nix_A2023AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2023AwardMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2023 award", "label": "2023 award [Member]", "documentation": "2023 award" } } }, "auth_ref": [] }, "nix_A2024AwardMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A2024AwardMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "2024 award", "label": "2024 award [Member]", "documentation": "2024 award" } } }, "auth_ref": [] }, "nix_A3.49Notesdue2027Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A3.49Notesdue2027Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "3.49% Notes due 2027", "label": "3.49% Notes due 2027 [Member]", "documentation": "3.49% Notes due 2027 [Member]" } } }, "auth_ref": [] }, "nix_A3.60NotesDue2030Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A3.60NotesDue2030Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "3.60% Notes Due 2030", "label": "3.60% Notes Due 2030 [Member]", "documentation": "3.60% Notes Due 2030 [Member]" } } }, "auth_ref": [] }, "nix_A3.65NotesDue2023Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A3.65NotesDue2023Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "3.65% Notes Due 2023", "label": "3.65% Notes Due 2023 [Member]", "documentation": "3.65% Notes Due 2023 [Member]" } } }, "auth_ref": [] }, "nix_A3.85NotesDue2023Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A3.85NotesDue2023Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "3.85% Notes Due 2023", "label": "3.85% Notes Due 2023 [Member]", "documentation": "3.85% Notes Due 2023 [Member]" } } }, "auth_ref": [] }, "nix_A3.95NotesDue2048Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A3.95NotesDue2048Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "3.95% Notes Due 2048", "label": "3.95% Notes Due 2048 [Member]", "documentation": "3.95% Notes Due 2048 [Domain]" } } }, "auth_ref": [] }, "nix_A4.375Notesdue2047Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A4.375Notesdue2047Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "4.375% Notes due 2047", "label": "4.375% Notes due 2047 [Member]", "documentation": "4.375% Notes due 2047 [Member]" } } }, "auth_ref": [] }, "nix_A4.45NotesDue2021Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A4.45NotesDue2021Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "4.45% Notes Due 2021", "label": "4.45% Notes Due 2021 [Member]", "documentation": "4.45% Notes Due 2021 [Member]" } } }, "auth_ref": [] }, "nix_A4.80Notesdue2044Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A4.80Notesdue2044Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "4.80% Notes due 2044", "label": "4.80% Notes due 2044 [Member]", "documentation": "4.80% Notes due 2044 [Member]" } } }, "auth_ref": [] }, "nix_A5.20NotesDue2029Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.20NotesDue2029Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.20% Notes Due 2029", "label": "5.20% Notes Due 2029 [Member]", "documentation": "5.20% Notes Due 2029" } } }, "auth_ref": [] }, "nix_A5.25NotesDue2028Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.25NotesDue2028Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.25% Notes Due 2028", "label": "5.25% Notes Due 2028 [Member]", "documentation": "5.25% Notes Due 2028" } } }, "auth_ref": [] }, "nix_A5.25NotesDue2043Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.25NotesDue2043Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.25% Notes Due 2043", "label": "5.25% Notes Due 2043 [Member]", "documentation": "5.25% Notes Due 2043 [Member]" } } }, "auth_ref": [] }, "nix_A5.35NotesDue2034Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.35NotesDue2034Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.35% Notes Due 2034", "label": "5.35% Notes Due 2034 [Member]", "documentation": "5.35% Notes Due 2034" } } }, "auth_ref": [] }, "nix_A5.40NotesDue2033Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.40NotesDue2033Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.40% Notes Due 2033", "label": "5.40% Notes Due 2033 [Member]", "documentation": "5.40% Notes Due 2033" } } }, "auth_ref": [] }, "nix_A5.65NotesDue2045Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.65NotesDue2045Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.65% Notes Due 2045", "label": "5.65% Notes Due 2045 [Member]", "documentation": "5.65% Notes Due 2045 [Member]" } } }, "auth_ref": [] }, "nix_A5.80NotesDue2042Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.80NotesDue2042Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.80% Notes Due 2042", "label": "5.80% Notes Due 2042 [Member]", "documentation": "5.80% Notes Due 2042 [Member]" } } }, "auth_ref": [] }, "nix_A5.89NotesDue2025Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.89NotesDue2025Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.89% Notes Due 2025", "label": "5.89% Notes Due 2025 [Member]", "documentation": "5.89% Notes Due 2025 [Member]" } } }, "auth_ref": [] }, "nix_A5.95NotesDue2041Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A5.95NotesDue2041Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.95% Notes Due 2041", "label": "5.95% Notes Due 2041 [Member]", "documentation": "5.95% Notes Due 2041 [Member]" } } }, "auth_ref": [] }, "nix_A500NotesDue2052Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A500NotesDue2052Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "5.00% Notes Due 2052", "label": "5.00% Notes Due 2052 [Member]", "documentation": "5.00% Notes Due 2052" } } }, "auth_ref": [] }, "nix_A6.25NotesDue2040Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A6.25NotesDue2040Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "6.25% Notes Due 2040", "label": "6.25% Notes Due 2040 [Member]", "documentation": "6.25% Notes Due 2040 [Member]" } } }, "auth_ref": [] }, "nix_A6.375NotesDue2054Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A6.375NotesDue2054Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "6.375% Notes due 2054", "label": "6.375% Notes due 2054 [Member]", "documentation": "6.375% Notes due 2054" } } }, "auth_ref": [] }, "nix_A6.78NotesDue2027Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A6.78NotesDue2027Member", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "6.78% Notes Due 2027", "label": "6.78% Notes Due 2027 [Member]", "documentation": "6.78% Notes Due 2027 [Member]" } } }, "auth_ref": [] }, "nix_A6.95NotesDue2054Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A6.95NotesDue2054Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "6.95% Notes due 2054", "label": "6.95% Notes due 2054 [Member]", "documentation": "6.95% Notes due 2054" } } }, "auth_ref": [] }, "nix_A626NotesDue2028Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "A626NotesDue2028Member", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "6.26% Notes Due 2028 [Member]", "label": "6.26% Notes Due 2028 [Member]", "documentation": "6.26% Notes Due 2028" } } }, "auth_ref": [] }, "nix_AROTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AROTypeDomain", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "ARO Type [Domain]", "label": "ARO Type [Domain]", "documentation": "[Domain] for ARO Type" } } }, "auth_ref": [] }, "nix_AROtypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AROtypeAxis", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "ARO type [Axis]", "label": "ARO type [Axis]", "documentation": "ARO type" } } }, "auth_ref": [] }, "nix_ATMProgramEquityRemainingAvailableforIssuance": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ATMProgramEquityRemainingAvailableforIssuance", "crdr": "credit", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "ATM Program Equity Remaining Available for Issuance", "label": "ATM Program Equity Remaining Available for Issuance", "documentation": "ATM Program Equity Remaining Available for Issuance" } } }, "auth_ref": [] }, "nix_AcceleratedDepreciationAndOtherPropertyDifferences": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AcceleratedDepreciationAndOtherPropertyDifferences", "crdr": "credit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredIncomeTaxLiabilities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accelerated depreciation and other property differences", "label": "Accelerated Depreciation And Other Property Differences", "documentation": "Accelerated depreciation and other property differences" } } }, "auth_ref": [] }, "nix_AccountingForExchangeAndBalancingArrangementsOfNaturalGasPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccountingForExchangeAndBalancingArrangementsOfNaturalGasPolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Accounting For Exchange And Balancing Arrangements Of Natural Gas", "label": "Accounting For Exchange And Balancing Arrangements Of Natural Gas [Policy Text Block]", "documentation": "Accounting for exchange and balancing arrangements of natural gas [Policy Text Block]" } } }, "auth_ref": [] }, "us-gaap_AccountingStandardsUpdate202006Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingStandardsUpdate202006Member", "presentation": ["http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounting Standards Update 2020-06", "label": "Accounting Standards Update 2020-06 [Member]", "documentation": "Accounting Standards Update 2020-06 Debt - Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging - Contracts in Entity's Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity's Own Equity." } } }, "auth_ref": ["r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879"] }, "us-gaap_AccountingStandardsUpdate202101Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingStandardsUpdate202101Member", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounting Standards Update 2021-01", "label": "Accounting Standards Update 2021-01 [Member]", "documentation": "Accounting Standards Update 2021-01 Reference Rate Reform (Topic 848): Scope Refinement." } } }, "auth_ref": ["r939", "r940", "r941", "r942", "r943"] }, "us-gaap_AccountingStandardsUpdate202204Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingStandardsUpdate202204Member", "presentation": ["http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounting Standards Update 2022-04", "label": "Accounting Standards Update 2022-04 [Member]", "documentation": "Accounting Standards Update 2022-04 Liabilities - Supplier Finance Programs (Subtopic 405-50): Disclosure of Supplier Finance Program Obligations." } } }, "auth_ref": ["r557"] }, "us-

{"gaap_AccountingStandardsUpdateExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingStandardsUpdateExtensibleList", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounting Standards Update [Extensible Enumeration]", "label": "Accounting Standards Update [Extensible Enumeration]", "documentation": "Indicates amendment to accounting standards." } } }, "auth_ref": ["r284", "r285", "r286", "r287", "r288", "r289", "r366", "r367", "r368", "r450", "r451", "r494", "r495", "r496", "r497", "r500", "r501", "r502", "r503", "r504", "r552", "r553", "r557", "r813", "r814", "r815", "r816", "r823", "r824", "r825", "r826", "r827", "r828", "r830", "r831", "r832", "r834", "r835", "r836", "r837", "r838", "r839", "r840", "r841", "r854", "r855", "r856", "r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879", "r899", "r900", "r915", "r937", "r939", "r940", "r941", "r942", "r943", "r1061", "r1062", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1474"] }, "nix_AccountingforRiskManagementActivitiesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccountingforRiskManagementActivitiesPolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Accounting For Risk Management Activities", "label": "Accounting for Risk Management Activities [Policy Text Block]", "documentation": "Accounting for risk management activities [Policy Text Block]" } } }, "auth_ref": [] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Accounts payable", "label": "Accounts Payable, Current", "documentation": "Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r116", "r1277"] }, "us-gaap_AccountsReceivableGrossCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableGrossCurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AccountsReceivableNetCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Accounts receivable", "label": "Accounts Receivable, before Allowance for Credit Loss, Current", "documentation": "Amount, before allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r305", "r453", "r1208"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Accounts receivable, net", "label": "Accounts Receivable, after Allowance for Credit Loss, Current", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r1488"] }, "nix_AccountsReceivableProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccountsReceivableProgramMember", "presentation": ["http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable Program", "label": "Accounts Receivable Program [Member]", "documentation": "Accounts receivable program." } } }, "auth_ref": [] }, "nix_AccountsReceivableTransferProgramPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccountsReceivableTransferProgramPolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable Transfer Program", "label": "Accounts Receivable Transfer Program [Policy Text Block]", "documentation": "Accounts receivable transfer program [Policy Text Block]" } } }, "auth_ref": [] }, "nix_AccretionRecordedAsRegulatoryAssetOrLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccretionRecordedAsRegulatoryAssetOrLiability", "crdr": "debit", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accretion recorded as a regulatory asset", "label": "Accretion Recorded As Regulatory Asset Or Liability", "documentation": "Accretion Recorded As Regulatory Asset Or Liability" } } }, "auth_ref": [] }, "us-gaap_AccrualForEnvironmentalLossContingenciesGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccrualForEnvironmentalLossContingenciesGross", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accrual for Environmental Loss Contingencies, Gross", "label": "Accrual for Environmental Loss Contingencies, Gross", "documentation": "Undiscounted amount of the accrual for environmental loss contingencies." } } }, "auth_ref": ["r568", "r578", "r1523"] }, "nix_AccruedInsuranceLiabilitiesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccruedInsuranceLiabilitiesPolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Accrued Insurance Liabilities", "label": "Accrued Insurance Liabilities [Policy Text Block]", "documentation": "Accrued Insurance Liabilities [Policy Text Block]" } } }, "auth_ref": [] }, "nix_AccruedInvestmentIncomeDividendsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AccruedInvestmentIncomeDividendsMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accrued Investment Income Dividends [Member]", "label": "Accrued Investment Income Dividends [Member]", "documentation": "Accrued Investment Income Dividends [Member]" } } }, "auth_ref": [] }, "us-gaap_AccumulatedDefinedBenefitPlansAdjustmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDefinedBenefitPlansAdjustmentMember", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Pension and OPEB Items", "label": "Accumulated Defined Benefit Plans Adjustment Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive (income) loss related to defined benefit plans attributable to the parent." } } }, "auth_ref": ["r5", "r6", "r18", "r28", "r139", "r1453", "r1454", "r1455"] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Accumulated Depreciation and Amortization", "label": "Accumulated Depreciation, Depletion and Amortization, Property, Plant, and Equipment", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": ["r53", "r297", "r1030"] }, "us-gaap_AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedNetGainLossFromDesignatedOrQualifyingCashFlowHedgesMember", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gains and Losses on Cash Flow Hedges", "label": "Accumulated Net Gain (Loss) from Cash Flow Hedges Attributable to Parent [Member]", "documentation": "Accumulated other comprehensive income (loss) resulting from gain (loss) from derivative instruments designated and qualifying as the effective portion of cash flow hedges, attributable to the parent." } } }, "auth_ref": ["r4", "r28", "r847"] }, "us-gaap_AccumulatedNetUnrealizedInvestmentGainLossMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedNetUnrealizedInvestmentGainLossMember", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gains and Losses on Securities", "label": "AOCI, Accumulated Gain (Loss), Debt Securities, Available-for-Sale, Parent [Member]", "documentation": "Accumulated unrealized gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), attributable to parent." } } }, "auth_ref": ["r314", "r315", "r316", "r319", "r328", "r329", "r1453"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossLineItems", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income (Loss) [Line Items]", "label": "Accumulated Other Comprehensive Income (Loss) [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r327", "r328", "r903", "r905", "r906", "r907", "r908", "r909"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails", "http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Accumulated other comprehensive loss", "label": "Accumulated Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source." } } }, "auth_ref": ["r27", "r28", "r140", "r306", "r1025", "r1068", "r1072"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeLossTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeLossTable", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Income (Loss) [Table]", "label": "Accumulated Other Comprehensive Income (Loss) [Table]", "documentation": "Disclosure of information about components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r327", "r328", "r903", "r905", "r906", "r907", "r908", "r909"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Accumulated Other Comprehensive Loss", "label": "AOCI Attributable to Parent [Member]", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r3", "r18", "r28", "r859", "r862", "r943", "r1063", "r1064", "r1453", "r1454", "r1455", "r1471", "r1472", "r1473", "r1476"] }, "ecd_Additional402vDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Additional402vDisclosureTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Additional 402(v) Disclosure", "label": "Additional 402(v) Disclosure [Text Block]" } } }, "auth_ref": ["r1354"] }, "us-gaap_AdditionalPaidInCapitalCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalCommonStock", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Additional paid-in capital", "label": "Additional Paid in Capital, Common Stock", "documentation": "Value received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } }, "auth_ref": ["r133"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Additional Paid-in Capital", "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r1088", "r1471", "r1472", "r1473", "r1476", "r1646", "r1722"] }, "ecd_AdjToCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Compensation, Amount", "label": "Adjustment to Compensation Amount" } } }, "auth_ref": ["r1367"] }, "ecd_AdjToCompAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToCompAxis", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Compensation:", "label": "Adjustment to Compensation [Axis]" } } }, "auth_ref": ["r1367"] }, "ecd_AdjToNonPeoNeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToNonPeoNeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment to Non-PEO NEO Compensation Footnote", "label": "Adjustment to Non-PEO NEO Compensation Footnote [Text Block]" } } }, "auth_ref": ["r1367"] }, "ecd_AdjToPeoCompFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AdjToPeoCompFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Adjustment To PEO Compensation, Footnote", "label": "Adjustment To PEO Compensation, Footnote [Text Block]" } } }, "auth_ref": ["r1367"] }, "us-gaap_AdjustmentsForNewAccountingPronouncementsAxis": { "xbrltype": "stringItemType", "nsuri":

```
"http://fasb.org/us-gaap/2024", "localname": "AdjustmentsForNewAccountingPronouncementsAxis", "presentation": [
"http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Adjustments for New Accounting Pronouncements [Axis]", "label": "Accounting Standards Update [Axis]", "documentation": "Information by
amendment to accounting standards." } } }, "auth_ref": [ "r284", "r285", "r286", "r287", "r288", "r289", "r366", "r367", "r368", "r370", "r380", "r450", "r451", "r494", "r495",
"r496", "r497", "r500", "r501", "r502", "r503", "r504", "r505", "r552", "r553", "r557", "r812", "r813", "r814", "r815", "r816", "r823", "r824", "r825", "r826", "r827", "r828",
"r830", "r831", "r832", "r834", "r835", "r836", "r837", "r838", "r839", "r840", "r841", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r864", "r865",
"r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879", "r899", "r900", "r914", "r915", "r916", "r937", "r939", "r940", "r941", "r942", "r943",
"r989", "r990", "r991", "r1061", "r1062", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072" ] }, "us-
gaap_AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "AdjustmentsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "verboseLabel": "Adjustments to Reconcile Net Income to Net Cash from
Operating Activities:", "label": "Adjustments to Reconcile Net Income (Loss) to Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] },
"ecd_AggtChngPnsnValInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"AggtChngPnsnValInSummryCompstnTblForAplblYrMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel":
"Aggregate Change in Present Value of Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table", "label": "Aggregate Change in Present Value of
Accumulated Benefit for All Pension Plans Reported in Summary Compensation Table [Member]" } } }, "auth_ref": [ "r1412" ] }, "ecd_AggtErrCompAmt": { "xbrltype":
"monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtErrCompAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": {
"en-us": { "role": { "terseLabel": "Aggregate Erroneous Compensation Amount", "label": "Aggregate Erroneous Compensation Amount" } } }, "auth_ref": [ "r1325", "r1336",
"r1346", "r1379" ] }, "ecd_AggtErrCompNotYetDeterminedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"AggtErrCompNotYetDeterminedTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate
Erroneous Compensation Not Yet Determined", "label": "Aggregate Erroneous Compensation Not Yet Determined [Text Block]" } } }, "auth_ref": [ "r1328", "r1339", "r1349",
"r1382" ] }, "ecd_AggtPnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AggtPnsnAdjsSvcCstMember",
"presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Pension Adjustments Service Cost", "label": "Aggregate
Pension Adjustments Service Cost [Member]" } } }, "auth_ref": [ "r1413" ] }, "ecd_AllAdjToCompMember": { "xbrltype": "domainItemType", "nsuri":
"http://xbrl.sec.gov/ecd/2024", "localname": "AllAdjToCompMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel":
"All Adjustments to Compensation", "label": "All Adjustments to Compensation [Member]" } } }, "auth_ref": [ "r1367" ] }, "ecd_AllExecutiveCategoriesMember": { "xbrltype":
"domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllExecutiveCategoriesMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ],
"lang": { "en-us": { "role": { "terseLabel": "All Executive Categories", "label": "All Executive Categories [Member]" } } }, "auth_ref": [ "r1374" ] }, "ecd_AllIndividualsMember":
{ "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AllIndividualsMember", "presentation": [
"http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements",
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "All Individuals", "label": "All Individuals [Member]" } } }, "auth_ref": [ "r1329",
"r1340", "r1350", "r1374", "r1383", "r1387", "r1395" ] }, "ecd_AllTradingArrangementsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024",
"localname": "AllTradingArrangementsMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "All
Trading Arrangements", "label": "All Trading Arrangements [Member]" } } }, "auth_ref": [ "r1393" ] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Stock-based employee compensation expense",
"label": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount
capitalized." } } }, "auth_ref": [ "r771", "r776" ] }, "nix_AllowanceForBorrowedFundsUsedAndInterestCapitalizedDuringConstruction": { "xbrltype": "monetaryItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "AllowanceForBorrowedFundsUsedAndInterestCapitalizedDuringConstruction", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": -1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/InterestExpenseNetDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Allowance for borrowed funds used and interest capitalized
during construction", "label": "Allowance For Borrowed Funds Used And Interest Capitalized During Construction", "documentation": "Allowance for borrowed funds used and
interest capitalized during construction" } } }, "auth_ref": [] }, "nix_AllowanceForCreditLossesAbstract": { "xbrltype": "stringItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "AllowanceForCreditLossesAbstract", "lang": { "en-us": { "role": { "label": "Allowance for Credit Losses [Abstract]",
"documentation": "Allowance for Credit Losses" } } }, "auth_ref": [] }, "us-gaap_AllowanceForCreditLossesOnFinancingReceivablesTableTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllowanceForCreditLossesOnFinancingReceivablesTableTextBlock", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionTables" ], "lang": { "en-us": { "role": { "terseLabel": "Financing Receivable, Allowance for Credit Loss", "label": "Financing
Receivable, Allowance for Credit Loss [Table Text Block]", "documentation": "Tabular disclosure of allowance for credit loss on financing receivable." } } }, "auth_ref": [
"r222", "r1507" ] }, "us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AllowanceForDoubtfulAccountsReceivableCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-
gaap_AccountsReceivableNetCurrent", "weight": -1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": {
"role": { "negatedTerseLabel": "Allowance for credit losses", "label": "Accounts Receivable, Allowance for Credit Loss, Current", "documentation": "Amount of allowance for
credit loss on accounts receivable, classified as current." } } }, "auth_ref": [ "r307", "r457", "r506" ] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": {
"terseLabel": "Amendment Flag", "label": "Amendment Flag", "documentation": "Boolean flag that is true when the XBRL content amends previously-filed or accepted
submission." } } }, "auth_ref": [] }, "us-gaap_AmortizationOfIntangibleAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AmortizationOfIntangibleAssets", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Amortization of Intangible Assets", "label": "Amortization of Intangible Assets", "documentation": "The aggregate expense charged against earnings to allocate
the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash
expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": [ "r13", "r541",
"r548", "r1231" ] }, "nix_AnnualRevenueIncreaseFromJointStipulationAndProposedSettlements": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "AnnualRevenueIncreaseFromJointStipulationAndProposedSettlements", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Annual Revenue Increase from Joint Stipulation and Proposed
Settlements", "label": "Annual Revenue Increase from Joint Stipulation and Proposed Settlements", "documentation": "Annual Revenue Increase from Joint Stipulation and
Proposed Settlements" } } }, "auth_ref": [] }, "us-gaap_AssetImpairmentCharges": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetImpairmentCharges", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-
gaap_OperatingCostsAndExpenses", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us":
{ "role": { "terseLabel": "Loss on impairment of assets", "label": "Asset Impairment Charges", "documentation": "Amount of write-down of assets recognized in the income
statement. Includes, but is not limited to, losses from tangible assets, intangible assets and goodwill." } } }, "auth_ref": [ "r13", "r51" ] }, "us-
gaap_AssetRetirementObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligation", "crdr": "credit",
"presentation": [ "http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Asset Retirement Obligation", "label": "Asset Retirement Obligation", "documentation": "The carrying amount of a liability for an asset retirement obligation.
An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results from the acquisition, construction or
development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } } }, "auth_ref": [ "r559", "r562" ] }, "us-
gaap_AssetRetirementObligationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationAbstract", "lang": {
"en-us": { "role": { "terseLabel": "Asset Retirement Obligation [Abstract]", "label": "Asset Retirement Obligation [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_AssetRetirementObligationCashPaidToSettle": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationCashPaidToSettle", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-
gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ],
"lang": { "en-us": { "role": { "negatedTerseLabel": "Payments for assets retirement obligations", "label": "Asset Retirement Obligation, Cash Paid to Settle", "documentation":
"Amount of cash paid during the period to settle an asset retirement obligation. Amounts paid to settle an asset retirement obligation are generally included in the operating
section of the Statement of Cash Flows." } } }, "auth_ref": [ "r338", "r560" ] }, "us-gaap_AssetRetirementObligationCurrent": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets":
{ "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 11.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": {
"role": { "terseLabel": "Asset retirement obligations", "label": "Asset Retirement Obligation, Current", "documentation": "Current portion of the carrying amount of a liability
for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results
from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } } }, "auth_ref": [ "r1520" ] }, "us-
gaap_AssetRetirementObligationDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/AssetRetirementObligations" ], "lang": { "en-us": { "role": { "verboseLabel":
"Asset Retirement Obligations", "label": "Asset Retirement Obligation Disclosure [Text Block]", "documentation": "The entire disclosure for an asset retirement obligation and
the associated long-lived asset. An asset retirement obligation is a legal obligation associated with the disposal or retirement from service of a tangible long-lived asset that
results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } } }, "auth_ref": [ "r236",
"r558", "r561" ] }, "us-gaap_AssetRetirementObligationLiabilitiesIncurred": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationLiabilitiesIncurred", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Additions", "label": "Asset Retirement Obligation, Liabilities Incurred", "documentation": "Amount of asset retirement obligations incurred during the period." } } },
"auth_ref": [ "r563" ] }, "us-gaap_AssetRetirementObligationLiabilitiesSettled": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationLiabilitiesSettled", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails" ], "lang": { "en-us": { "role": { "negatedLabel":
"Settlements", "label": "Asset Retirement Obligation, Liabilities Settled", "documentation": "Amount of asset retirement obligations settled, or otherwise disposed of, during
the period. This may include asset retirement obligations transferred to third parties associated with the sale of a long-lived asset." } } }, "auth_ref": [ "r564" ] },
"nix_AssetRetirementObligationOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AssetRetirementObligationOther",
"crdr": "credit", "presentation": [ "http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Other", "label": "Asset Retirement Obligation, Other", "documentation": "Asset Retirement Obligation, Other" } } }, "auth_ref": [] }, "us-
gaap_AssetRetirementObligationPeriodIncreaseDecrease": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationPeriodIncreaseDecrease", "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails",
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Asset Retirement Obligation, Period
Increase (Decrease)", "label": "Asset Retirement Obligation, Period Increase (Decrease)", "documentation": "Amount of increase (decrease) in asset retirement obligations." }
} }, "auth_ref": [ "r1520" ] }, "us-gaap_AssetRetirementObligationRevisionOfEstimate": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"AssetRetirementObligationRevisionOfEstimate", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Change in estimated cash flows", "label": "Asset Retirement Obligation, Revision of Estimate", "documentation": "Amount of increase (decrease) in the asset retirement
obligation from changes in the amount or timing of the estimated cash flows associated with the settlement of the obligation." } } }, "auth_ref": [ "r565" ] }, "us-
```

gaap_AssetRetirementObligationsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetRetirementObligationsNoncurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 1.0 }, "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesNoncurrent", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails",
"http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Asset retirement obligations", "terseLabel": "Asset retirement obligations", "periodStartLabel": "Beginning Balance", "periodEndLabel": "Ending Balance", "label": "Asset Retirement Obligations, Noncurrent", "documentation": "Noncurrent portion of the carrying amount of a liability for an asset retirement obligation. An asset retirement obligation is a legal obligation associated with the disposal or retirement of a tangible long-lived asset that results from the acquisition, construction or development, or the normal operations of a long-lived asset, except for certain obligations of lessees." } } }, "auth_ref": { "r1520" } },
"nix_AssetSaleCovenantPercentageOfConsolidatedTotalAssets": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AssetSaleCovenantPercentageOfConsolidatedTotalAssets", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Asset sale covenant percentage of consolidated total assets", "label": "Asset sale covenant percentage of consolidated total assets", "documentation": "Asset sale covenant percentage of consolidated total assets" } } }, "auth_ref": [] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Assets", "terseLabel": "Total Assets", "verboseLabel": "Consolidated Assets", "label": "Assets", "documentation": "Amount of asset recognized for present right to economic benefit." } } }, "auth_ref": ["r189", "r221", "r300", "r348", "r413", "r421", "r439", "r443", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r843", "r848", "r902", "r1019", "r1133", "r1221", "r1222", "r1277", "r1303", "r1532", "r1533", "r1672"] }, "us-gaap_AssetsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsAbstract", "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "ASSETS", "label": "Assets [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrent", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Current Assets", "terseLabel": "Current assets", "label": "Assets, Current", "documentation": "Amount of asset recognized for present right to economic benefit, classified as current." } } }, "auth_ref": ["r292", "r311", "r348", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r843", "r848", "r902", "r1277", "r1532", "r1533", "r1672"] },
"us-gaap_AssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrentAbstract", "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Current Assets", "label": "Assets, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AssetsFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsFairValueDisclosure", "crdr": "debit", "presentation": ["http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total", "label": "Assets, Fair Value Disclosure", "documentation": "Fair value portion of asset recognized for present right to economic benefit." } } }, "auth_ref": ["r881", "r882", "r1265"] }, "us-gaap_AssetsNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsNoncurrentAbstract", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Other Assets", "label": "Assets, Noncurrent [Abstract]" } } }, "auth_ref": [] }, "nix_AtTheMarketProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AtTheMarketProgramMember", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "At The Market Program", "label": "At The Market Program [Member]", "documentation": "At The Market Program [Member]" } } }, "auth_ref": [] }, "nix_AuditorAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "AuditorAbstract", "lang": { "en-us": { "role": { "terseLabel": "Auditor [Abstract]", "label": "Auditor [Abstract]", "documentation": "Auditor" } } }, "auth_ref": [] }, "dei_AuditorFirmId": { "xbrltype": "nonemptySequenceNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AuditorFirmId", "presentation": [
"http://www.nisource.com/role/AuditInformation"], "lang": { "en-us": { "role": { "terseLabel": "Auditor Firm ID", "label": "Auditor Firm ID", "documentation": "PCAOB issued Audit Firm Identifier" } } }, "auth_ref": ["r1308", "r1309", "r1332"] }, "dei_AuditorLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AuditorLineItems", "presentation": ["http://www.nisource.com/role/AuditInformation"], "lang": { "en-us": { "role": { "terseLabel": "Auditor [Line Items]", "label": "Auditor [Line Items]" } } }, "auth_ref": [] }, "dei_AuditorLocation": { "xbrltype": "internationalNameItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AuditorLocation", "presentation": ["http://www.nisource.com/role/AuditInformation"], "lang": { "en-us": { "role": { "terseLabel": "Auditor Location", "label": "Auditor Location" } } }, "auth_ref": ["r1308", "r1309", "r1332"] }, "dei_AuditorName": { "xbrltype": "internationalNameItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AuditorName", "presentation": ["http://www.nisource.com/role/AuditInformation"], "lang": { "en-us": { "role": { "terseLabel": "Auditor Name", "label": "Auditor Name" } } }, "auth_ref": ["r1308", "r1309", "r1332"] }, "dei_AuditorTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AuditorTable", "presentation": ["http://www.nisource.com/role/AuditInformation"], "lang": { "en-us": { "role": { "terseLabel": "Auditor [Table]", "label": "Auditor [Table]" } } }, "auth_ref": [] }, "us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedGainBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedGainBeforeTax", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gross Unrealized Gains", "label": "Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Gain, before Tax", "documentation": "Amount, before tax, of unrealized gain in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [
"r465"] }, "us-gaap_AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedLossBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleDebtSecuritiesAccumulatedGrossUnrealizedLossBeforeTax", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gross Unrealized Losses", "label": "Debt Securities, Available-for-Sale, Accumulated Gross Unrealized Loss, before Tax", "documentation": "Amount, before tax, of unrealized loss in accumulated other comprehensive income (AOCI) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [
"r466"] }, "us-gaap_AvailableForSaleDebtSecuritiesAmortizedCostBasis": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleDebtSecuritiesAmortizedCostBasis", "crdr": "debit", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortized Cost", "label": "Debt Securities, Available-for-Sale, Amortized Cost", "documentation": "Amortized cost of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r462", "r517", "r1018"] }, "us-gaap_AvailableForSaleSecuritiesDebtMaturitiesWithinOneYearFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleSecuritiesDebtMaturitiesWithinOneYearFairValue", "crdr": "debit", "presentation": ["http://www.nisource.com/role/FairValueNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Available-for-sale securities, maturities of less than a year", "label": "Debt Securities, Available-for-Sale, Fair Value, Maturity, Allocated and Single Maturity Date, Year One", "documentation": "Fair value of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), with single maturity date and allocated without single maturity date, maturing in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r469", "r1014"] }, "us-gaap_AvailableForSaleSecuritiesDebtSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleSecuritiesDebtSecurities", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value", "label": "Debt Securities, Available-for-Sale", "documentation": "Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r463", "r517", "r881", "r1008", "r1265", "r1268", "r1490", "r1650", "r1651", "r1652"] }, "us-gaap_AvailableForSaleSecuritiesDebtSecuritiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AvailableForSaleSecuritiesDebtSecuritiesNoncurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_InvestmentsAndOtherNoncurrentAssets", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets",
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Available-for-sale debt securities (amortized cost of $91.9 and $169.0, allowance for credit losses of $0.1 and $0.6, respectively)", "verboseLabel": "Available-for-sale debt securities", "label": "Debt Securities, Available-for-Sale, Noncurrent", "documentation": "Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), classified as noncurrent." } } }, "auth_ref": ["r295", "r460", "r517"] }, "us-gaap_AwardDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardDateAxis", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Award Date [Axis]", "label": "Award Date [Axis]", "documentation": "Information by date or year award under share-based payment arrangement is granted." } } }, "auth_ref": ["r1605", "r1606", "r1607", "r1608", "r1609", "r1610", "r1611", "r1612", "r1613", "r1614", "r1615", "r1616", "r1617", "r1618", "r1619", "r1620", "r1621", "r1622", "r1623", "r1624", "r1625", "r1626", "r1627", "r1628", "r1629", "r1630"] }, "us-gaap_AwardDateDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardDateDomain", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Award Date [Domain]", "label": "Award Date [Domain]", "documentation": "Date or year award under share-based payment arrangement is granted." } } }, "auth_ref": ["r1605", "r1606", "r1607", "r1608", "r1609", "r1610", "r1611", "r1612", "r1613", "r1614", "r1615", "r1616", "r1617", "r1618", "r1619", "r1620", "r1621", "r1622", "r1623", "r1624", "r1625", "r1626", "r1627", "r1628", "r1629", "r1630"] }, "ecd_AwardExrcPrice": { "xbrltype": "perShareItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardExrcPrice", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Exercise Price", "label": "Award Exercise Price" } } }, "auth_ref": ["r1390"] }, "ecd_AwardGrantDateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardGrantDateFairValue", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Fair Value as of Grant Date", "label": "Award Grant Date Fair Value" } } }, "auth_ref": ["r1391"] }, "ecd_AwardTmgDiscLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgDiscLineItems", "lang": { "en-us": { "role": { "label": "Award Timing Disclosures [Line Items]" } } }, "auth_ref": ["r1386"] },
"ecd_AwardTmgHowMnpiCnsdrdTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgHowMnpiCnsdrdTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Timing, How MNPI Considered", "label": "Award Timing, How MNPI Considered [Text Block]" } } }, "auth_ref": ["r1386"] }, "ecd_AwardTmgMethodTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMethodTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Timing Method", "label": "Award Timing Method [Text Block]" } } }, "auth_ref": ["r1386"] }, "ecd_AwardTmgMnpiCnsdrdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMnpiCnsdrdFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Timing MNPI Considered", "label": "Award Timing MNPI Considered [Flag]" } } }, "auth_ref": ["r1386"] },
"ecd_AwardTmgMnpiDiscTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgMnpiDiscTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Timing MNPI Disclosure", "label": "Award Timing MNPI Disclosure [Text Block]" } } }, "auth_ref": ["r1386"] }, "ecd_AwardTmgPredtrmndFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardTmgPredtrmndFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Award Timing Predetermined", "label": "Award Timing Predetermined [Flag]" } } }, "auth_ref": ["r1386"] }, "us-gaap_AwardTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardTypeAxis", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails", "http://www.nisource.com/role/ShareBasedCompensationTables",

```
"http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Share-based Compensation Arrangement by Share-based Payment Award, Award Type and Plan Name [Axis]", "label": "Award Type [Axis]", "documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": [ "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770" ] }, "ecd_AwardUndrlygSecuritiesAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardUndrlygSecuritiesAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Underlying Securities", "label": "Award Underlying Securities Amount" } } }, "auth_ref": [ "r1389" ] }, "ecd_AwardsCloseToMnpiDiscIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscIndName", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Name", "label": "Awards Close in Time to MNPI Disclosures, Individual Name" } } }, "auth_ref": [ "r1388" ] }, "ecd_AwardsCloseToMnpiDiscTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscTable", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Awards Close in Time to MNPI Disclosures", "label": "Awards Close in Time to MNPI Disclosures [Table]" } } }, "auth_ref": [ "r1387" ] }, "ecd_AwardsCloseToMnpiDiscTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "AwardsCloseToMnpiDiscTableTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Awards Close in Time to MNPI Disclosures, Table", "label": "Awards Close in Time to MNPI Disclosures [Table Text Block]" } } }, "auth_ref": [ "r1387" ] }, "us-gaap_BalanceSheetLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statement of Financial Position Location, Balance [Axis]", "label": "Statement of Financial Position Location, Balance [Axis]", "documentation": "Information by location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": [ "r556", "r1686", "r1687" ] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statement of Financial Position Location, Balance [Domain]", "label": "Statement of Financial Position Location, Balance [Domain]", "documentation": "Location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": [ "r96", "r99", "r556", "r1686", "r1687" ] }, "nix_BasisOfAccountingForRateRegulatedSubsidiariesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "BasisOfAccountingForRateRegulatedSubsidiariesPolicyTextBlock", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Basis Of Accounting For Rate-Regulated Subsidiaries", "label": "Basis Of Accounting For Rate Regulated Subsidiaries [Policy Text Block]", "documentation": "Basis of accounting for rate regulated subsidiaries [Policy Text Block]" } } }, "auth_ref": [] }, "nix_BasisOfAccountingPresentationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "BasisOfAccountingPresentationLineItems", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Basis Of Accounting Presentation [Line Items]", "label": "Basis Of Accounting Presentation [Line Items]", "documentation": "Basis Of Accounting Presentation [Line Items]" } } }, "auth_ref": [] }, "nix_BasisOfAccountingPresentationTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "BasisOfAccountingPresentationTable", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Basis Of Accounting Presentation [Table]", "label": "Basis Of Accounting Presentation [Table]", "documentation": "Basis Of Accounting Presentation [Table]" } } }, "auth_ref": [] }, "us-gaap_BusinessAcquisitionAcquireeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAcquireeDomain", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Acquiree [Domain]", "label": "Business Acquisition, Acquiree [Domain]", "documentation": "Identification of the acquiree in a material business combination (or series of individually immaterial business combinations), which may include the name or other type of identification of the acquiree." } } }, "auth_ref": [ "r542", "r543", "r544", "r545", "r546", "r833", "r1251", "r1254" ] }, "us-gaap_BusinessAcquisitionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionAxis", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition [Axis]", "label": "Business Acquisition [Axis]", "documentation": "Information by business combination or series of individually immaterial business combinations." } } }, "auth_ref": [ "r79", "r80", "r542", "r543", "r544", "r545", "r546", "r833", "r1251", "r1254" ] }, "us-gaap_BusinessAcquisitionCostOfAcquiredEntityTransactionCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessAcquisitionCostOfAcquiredEntityTransactionCosts", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Business Acquisition, Transaction Costs", "label": "Business Acquisition, Transaction Costs", "documentation": "Amount of direct costs of the business combination including legal, accounting, and other costs incurred to consummate the business acquisition." } } }, "auth_ref": [] }, "us-gaap_BusinessCombinationPriceOfAcquisitionExpected": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BusinessCombinationPriceOfAcquisitionExpected", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Business Combination, Price of Acquisition, Expected", "label": "Business Combination, Price of Acquisition, Expected", "documentation": "Purchase price of expected business acquisition prior to consideration being transferred. Excludes asset acquisition." } } }, "auth_ref": [ "r1422" ] }, "nix_CVIMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CVIMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "CVI", "label": "CVI [Member]", "documentation": "CVI [Member]" } } }, "auth_ref": [] }, "us-gaap_CapitalExpendituresIncurredButNotYetPaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalExpendituresIncurredButNotYetPaid", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capital expenditures included in current liabilities", "label": "Capital Expenditures Incurred but Not yet Paid", "documentation": "Future cash outflow to pay for purchases of fixed assets that have occurred." } } }, "auth_ref": [ "r39", "r40", "r41" ] }, "us-gaap_CapitalUnitClassDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalUnitClassDomain", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation", "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capital Unit, Class [Domain]", "label": "Capital Unit, Class [Domain]", "documentation": "Description of the type or class of capital units or capital shares." } } }, "auth_ref": [] }, "us-gaap_CapitalUnitsByClassAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalUnitsByClassAxis", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation", "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capital Units by Class [Axis]", "label": "Capital Units by Class [Axis]", "documentation": "Information by type or class of the entity's capital units." } } }, "auth_ref": [] }, "us-gaap_CapitalizationLongtermDebtAndEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizationLongtermDebtAndEquity", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "totalLabel": "Total Capitalization", "label": "Capitalization, Long-Term Debt and Equity", "documentation": "Amount of consolidated capitalization which comprises long-term debt and equity instruments." } } }, "auth_ref": [] }, "us-gaap_CapitalizationLongtermDebtAndEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizationLongtermDebtAndEquityAbstract", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Capitalization", "label": "Capitalization, Long-Term Debt and Equity [Abstract]" } } }, "auth_ref": [] }, "nix_CapitalizedCloudComputingAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CapitalizedCloudComputingAmortization", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Cloud Computing, Amortization", "label": "Capitalized Cloud Computing, Amortization", "documentation": "Capitalized Cloud Computing, Amortization" } } }, "auth_ref": [] }, "nix_CapitalizedCloudComputingGross": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CapitalizedCloudComputingGross", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Cloud Computing, Gross", "label": "Capitalized Cloud Computing, Gross", "documentation": "Capitalized Cloud Computing, Gross" } } }, "auth_ref": [] }, "us-gaap_CapitalizedComputerSoftwareAmortization1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedComputerSoftwareAmortization1", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Computer Software, Amortization", "label": "Capitalized Computer Software, Amortization", "documentation": "Amount of expense for amortization of capitalized computer software costs." } } }, "auth_ref": [ "r1202", "r1203" ] }, "us-gaap_CapitalizedComputerSoftwareGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CapitalizedComputerSoftwareGross", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Capitalized Computer Software, Gross", "label": "Capitalized Computer Software, Gross", "documentation": "Amount before accumulated amortization of capitalized costs for computer software, including but not limited to, acquired and internally developed computer software." } } }, "auth_ref": [ "r547", "r1203" ] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 10.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation" ], "lang": { "en-us": { "role": { "verboseLabel": "Cash and cash equivalents", "terseLabel": "Cash and Cash Equivalents, at Carrying Value", "label": "Cash and Cash Equivalents, at Carrying Value", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": [ "r36", "r294", "r1207" ] }, "us-gaap_CashAndCashEquivalentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cash/Other [Member]", "label": "Cash and Cash Equivalents [Member]", "documentation": "Currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsRestrictedCashAndCashEquivalentsPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsRestrictedCashAndCashEquivalentsPolicy", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Cash, Cash Equivalents, And Restricted Cash", "label": "Cash and Cash Equivalents, Restricted Cash and Cash Equivalents, Policy [Policy Text Block]", "documentation": "Entity's cash and cash equivalents accounting policy with respect to restricted balances. Restrictions may include legally restricted deposits held as compensating balances against short-term borrowing arrangements, contracts entered into with others, or company statements of intention with regard to particular deposits; however, time deposits and short-term certificates of deposit are not generally included in legally restricted deposits." } } }, "auth_ref": [ "r37", "r187" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalents", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation" ], "lang": { "en-us": { "role": { "periodStartLabel": "Cash, cash equivalents and restricted cash at beginning of period", "periodEndLabel": "Cash, Cash Equivalents and Restricted Cash at End of Period", "terseLabel": "Cash, Cash Equivalents, Restricted Cash and Restricted Cash Equivalents", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage. Excludes amount for disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r36", "r150", "r344" ] }, "us-
```

gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Change in cash, cash equivalents and restricted cash", "label": "Cash, Cash Equivalents, Restricted Cash, and Restricted Cash Equivalents, Period Increase (Decrease), Excluding Exchange Rate Effect", "documentation": "Amount of increase (decrease) in cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r2", "r150"] }, "nix_CashContributionsNoncontrollingInterestLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CashContributionsNoncontrollingInterestLineItems", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash Contributions Noncontrolling Interest [Line Items]", "label": "Cash Contributions Noncontrolling Interest [Line Items]", "documentation": "Cash Contributions Noncontrolling Interest [Line Items]" } } }, "auth_ref": [] }, "nix_CashContributionsNoncontrollingInterestTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CashContributionsNoncontrollingInterestTable", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash Contributions Noncontrolling Interest [Table]", "label": "Cash Contributions Noncontrolling Interest [Table]", "documentation": "Cash Contributions Noncontrolling Interest" } } }, "auth_ref": [] }, "us-gaap_CashFlowSupplementalDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowSupplementalDisclosuresTextBlock", "presentation": ["http://www.nisource.com/role/SupplementalCashFlowInformation"], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cash Flow Information", "label": "Cash Flow, Supplemental Disclosures [Text Block]", "documentation": "The entire disclosure for supplemental cash flow activities, including cash, noncash, and part noncash transactions, for the period. Noncash is defined as information about all investing and financing activities of an enterprise during a period that affect recognized assets or liabilities but that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": ["r146"] }, "nix_CashFromFinancingActivitiesRelatedToChangeInShortTermBorrowingsDueToSecuritizationTransactions": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CashFromFinancingActivitiesRelatedToChangeInShortTermBorrowingsDueToSecuritizationTransactions", "crdr": "debit", "presentation": ["http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash from financing activities", "label": "Cash From Financing Activities Related To The Change In Short-Term Borrowings Due To The Securitization Transactions", "documentation": "Cash from financing activities related to the change in short-term borrowings due to the securitization transactions" } } }, "auth_ref": [] }, "us-gaap_CashMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash [Member]", "label": "Cash [Member]", "documentation": "Currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits." } } }, "auth_ref": ["r294"] }, "us-gaap_ChangeInAccountingPrincipleAccountingStandardsUpdateAdopted": { "xbrltype": "booleanItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingPrincipleAccountingStandardsUpdateAdopted", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in Accounting Principle, Accounting Standards Update, Adopted [true false]", "label": "Change in Accounting Principle, Accounting Standards Update, Adopted [true false]", "documentation": "Indicates (true false) whether accounting standards update was adopted." } } }, "auth_ref": ["r241", "r242", "r289", "r364", "r450", "r493", "r494", "r495", "r502", "r503", "r552", "r557", "r814", "r823", "r824", "r834", "r835", "r837", "r854", "r855", "r868", "r869", "r899", "r900", "r915", "r937", "r939", "r989", "r990", "r1061", "r1062"] }, "us-gaap_ChangeInAccountingPrincipleAccountingStandardsUpdateAdoptionDate": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ChangeInAccountingPrincipleAccountingStandardsUpdateAdoptionDate", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Change in Accounting Principle, Accounting Standards Update, Adoption Date", "label": "Change in Accounting Principle, Accounting Standards Update, Adoption Date", "documentation": "Date accounting standards update was adopted, in YYYY-MM-DD format." } } }, "auth_ref": ["r241", "r242", "r289", "r450", "r493", "r494", "r495", "r502", "r503", "r504", "r552", "r557", "r814", "r823", "r824", "r834", "r835", "r836", "r837", "r838", "r853", "r854", "r855", "r856", "r868", "r869", "r870", "r873", "r899", "r900", "r915", "r937", "r939", "r989", "r990", "r1061", "r1062", "r1426"] }, "ecd_ChangedPeerGroupFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChangedPeerGroupFnTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Changed Peer Group, Footnote", "label": "Changed Peer Group, Footnote [Text Block]" } } }, "auth_ref": ["r1365"] }, "nix_CharitableContributions": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CharitableContributions", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Charitable Contributions", "label": "Charitable Contributions", "documentation": "Charitable contributions included in other, net" } } }, "auth_ref": [] }, "ecd_ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValAsOfVstngDtOfPrrYrEqtyAwrdsVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year", "label": "Change in Fair Value as of Vesting Date of Prior Year Equity Awards Vested in Covered Year [Member]" } } }, "auth_ref": ["r1362"] }, "ecd_ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ChngInFrValOfOutsdngAndUnvstdEqtyAwrdsGrntdInPrrYrsMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested", "label": "Year-over-Year Change in Fair Value of Equity Awards Granted in Prior Years That are Outstanding and Unvested [Member]" } } }, "auth_ref": ["r1360"] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://www.nisource.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "City Area Code", "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_ClassOfStockDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockDomain", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheetsParentheticalˮ, "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Domain]", "label": "Class of Stock [Domain]", "documentation": "Share of stock differentiated by the voting rights the holder receives. Examples include, but are not limited to, common stock, redeemable preferred stock, nonredeemable preferred stock, and convertible stock." } } }, "auth_ref": ["r247", "r302", "r303", "r304", "r348", "r386", "r391", "r405", "r407", "r415", "r416", "r492", "r588", "r591", "r592", "r593", "r597", "r598", "r619", "r620", "r623", "r626", "r633", "r902", "r1080", "r1081", "r1082", "r1083", "r1088", "r1089", "r1090", "r1092", "r1093", "r1094", "r1095", "r1096", "r1097", "r1098", "r1099", "r1100", "r1120", "r1142", "r1159", "r1191", "r1192", "r1193", "r1194", "r1195", "r1418", "r1462", "r1477"] }, "us-gaap_ClassOfStockLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ClassOfStockLineItems", "presentation": ["http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails"], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Line Items]", "label": "Class of Stock [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r302", "r303", "r304", "r415", "r619", "r620", "r621", "r623", "r626", "r631", "r633", "r1080", "r1081", "r1082", "r1083", "r1239", "r1418", "r1462"] }, "ecd_CoSelectedMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Company Selected Measure Amount", "label": "Company Selected Measure Amount" } } }, "auth_ref": ["r1366"] }, "ecd_CoSelectedMeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CoSelectedMeasureName", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Company Selected Measure Name", "label": "Company Selected Measure Name" } } }, "auth_ref": ["r1366"] }, "nix_CoalTransportationMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CoalTransportationMember", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Coal Transportation", "label": "Coal Transportation [Member]", "documentation": "Coal Transportation [Member]" } } }, "auth_ref": [] }, "nix_ColumbiaOfKentuckyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfKentuckyMember", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Kentucky", "label": "Columbia Of Kentucky [Member]", "documentation": "Columbia Of Kentucky [Member]" } } }, "auth_ref": [] }, "nix_ColumbiaOfMarylandCOVIDReliefFunds": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfMarylandCOVIDReliefFunds", "crdr": "debit", "presentation": ["http://www.nisource.com/role/RegulatoryMattersNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia of Maryland COVID Relief Funds", "label": "Columbia of Maryland COVID Relief Funds", "documentation": "Columbia of Maryland COVID Relief Funds" } } }, "auth_ref": [] }, "nix_ColumbiaOfMarylandMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfMarylandMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Maryland", "label": "Columbia Of Maryland [Member]", "documentation": "Columbia Of Maryland [Member]" } } }, "auth_ref": [] }, "nix_ColumbiaOfMassachusettsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfMassachusettsMember", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails", "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Massachusetts", "label": "Columbia Of Massachusetts [Member]", "documentation": "Columbia Of Massachusetts [Member]" } } }, "auth_ref": [] }, "nix_ColumbiaOfOhioMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfOhioMember", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Ohio", "label": "Columbia Of Ohio [Member]", "documentation": "Columbia of Ohio." } } }, "auth_ref": [] }, "nix_ColumbiaOfPennsylvaniaCOVID19DeferralRemainingBalanceAnnualAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfPennsylvaniaCOVID19DeferralRemainingBalanceAnnualAmortization", "crdr": "credit", "presentation": ["http://www.nisource.com/role/RegulatoryMattersNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization", "label": "Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization", "documentation": "Columbia of Pennsylvania COVID-19 Deferral Remaining Balance Annual Amortization" } } }, "auth_ref": [] }, "nix_ColumbiaOfPennsylvaniaCOVID19DeferralUpdate": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfPennsylvaniaCOVID19DeferralUpdate", "crdr": "debit", "presentation": ["http://www.nisource.com/role/RegulatoryMattersNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia of Pennsylvania COVID-19 Deferral Update", "label": "Columbia of Pennsylvania COVID-19 Deferral Update", "documentation": "Columbia of Pennsylvania COVID-19 Deferral Update" } } }, "auth_ref": [] }, "nix_ColumbiaOfPennsylvaniaMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfPennsylvaniaMember", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Pennsylvania", "label": "Columbia Of Pennsylvania [Member]", "documentation": "Columbia of Pennsylvania." } } }, "auth_ref": [] }, "nix_ColumbiaOfVirginiaMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOfVirginiaMember", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails"], "lang": { "en-us": { "role": { "terseLabel": "Columbia Of Virginia", "label": "Columbia Of Virginia [Member]", "documentation": "Columbia of Virginia." } } }, "auth_ref": [] }, "nix_ColumbiaOperationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ColumbiaOperationsMember", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",

```
"http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Columbia Operations", "label": "Columbia Operations [Member]", "documentation": "Columbia Operations [Member]" } } }, "auth_ref": [] }, "nix_CommercialMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommercialMember", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commercial", "label": "Commercial [Member]", "documentation": "Commercial [Member]" } } }, "auth_ref": [] }, "us-gaap_CommercialPaper": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialPaper", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Commercial paper outstanding", "label": "Commercial Paper", "documentation": "Carrying value as of the balance sheet date of short-term borrowings using unsecured obligations issued by banks, corporations and other borrowers to investors. The maturities of these money market securities generally do not exceed 270 days." } } }, "auth_ref": [ "r115", "r190", "r1683" ] }, "us-gaap_CommercialPaperMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommercialPaperMember", "presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commercial Paper", "label": "Commercial Paper [Member]", "documentation": "Unsecured promissory note (generally negotiable) that provides institutions with short-term funds." } } }, "auth_ref": [ "r160", "r586", "r1292", "r1293", "r1294", "r1297" ] }, "nix_CommingledFundsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommingledFundsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commingled Funds", "label": "Commingled Funds [Member]", "documentation": "Commingled Funds [Member]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Commitments and Contingencies Disclosure [Abstract]", "label": "Commitments and Contingencies Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingenciesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingenciesDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingencies" ], "lang": { "en-us": { "role": { "verboseLabel": "Other Commitments And Contingencies", "label": "Commitments and Contingencies Disclosure [Text Block]", "documentation": "The entire disclosure for commitments and contingencies." } } }, "auth_ref": [ "r158", "r573", "r574", "r1198", "r1516", "r1522" ] }, "nix_CommodityContractLength": { "xbrltype": "durationItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommodityContractLength", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commodity Contract Length", "label": "Commodity Contract Length", "documentation": "Commodity Contract Length" } } }, "auth_ref": [] }, "nix_CommodityPriceRiskProgramsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommodityPriceRiskProgramsMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Commodity price risk programs", "label": "Commodity Price Risk Programs [Member]", "documentation": "Commodity Price Risk Programs [Member]" } } }, "auth_ref": [] }, "nix_CommonStockAggregateSalePrice": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommonStockAggregateSalePrice", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Common Stock Aggregate Sale Price", "label": "Common Stock Aggregate Sale Price", "documentation": "Common Stock Aggregate Sale Price" } } }, "auth_ref": [] }, "us-gaap_CommonStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareDeclared", "presentation": [ "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Common Stock, Dividends, Per Share, Declared", "label": "Common Stock, Dividends, Per Share, Declared", "documentation": "Aggregate dividends declared during the period for each share of common stock outstanding." } } }, "auth_ref": [ "r168" ] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares" ], "lang": { "en-us": { "role": { "terseLabel": "Common Stock", "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": [ "r1288", "r1289", "r1290", "r1292", "r1293", "r1294", "r1297", "r1471", "r1472", "r1476", "r1646", "r1719", "r1722" ] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "verboseLabel": "Common stock, par value", "label": "Common Stock, Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": [ "r132" ] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "verboseLabel": "Common stock, shares authorized", "label": "Common Stock, Shares Authorized", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": [ "r132", "r1120" ] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Common Stock, Shares, Issued", "label": "Common Stock, Shares, Issued", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": [ "r132" ] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "verboseLabel": "Common stock, shares outstanding", "label": "Common Stock, Shares, Outstanding", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": [ "r19", "r132", "r1120", "r1139", "r1722", "r1723" ] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Common stock - $0.01 par value, 750,000,000 shares authorized; 469,822,472 and 447,381,671 shares outstanding, respectively", "label": "Common Stock, Value, Issued", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": [ "r132", "r1024", "r1277" ] }, "nix_CommonUtilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CommonUtilityMember", "presentation": [ "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Common Utility", "label": "Common Utility [Member]", "documentation": "Common utility" } } }, "auth_ref": [] }, "ecd_CompActuallyPaidVsCoSelectedMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsCoSelectedMeasureTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Company Selected Measure", "label": "Compensation Actually Paid vs. Company Selected Measure [Text Block]" } } }, "auth_ref": [ "r1371" ] }, "ecd_CompActuallyPaidVsNetIncomeTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsNetIncomeTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Net Income", "label": "Compensation Actually Paid vs. Net Income [Text Block]" } } }, "auth_ref": [ "r1370" ] }, "ecd_CompActuallyPaidVsOtherMeasureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsOtherMeasureTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Other Measure", "label": "Compensation Actually Paid vs. Other Measure [Text Block]" } } }, "auth_ref": [ "r1372" ] }, "ecd_CompActuallyPaidVsTotalShareholderRtnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "CompActuallyPaidVsTotalShareholderRtnTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation Actually Paid vs. Total Shareholder Return", "label": "Compensation Actually Paid vs. Total Shareholder Return [Text Block]" } } }, "auth_ref": [ "r1369" ] }, "nix_ComponentsofAccumulatedOtherComprehensiveIncomeLossAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ComponentsofAccumulatedOtherComprehensiveIncomeLossAbstract", "lang": { "en-us": { "role": { "terseLabel": "Components of Accumulated Other Comprehensive Income (Loss) [Abstract]", "label": "Components of Accumulated Other Comprehensive Income (Loss) [Abstract]", "documentation": "Components of Accumulated Other Comprehensive Income (Loss) [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTaxAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxAbstract", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Other comprehensive income:", "terseLabel": "Comprehensive Income (Loss):", "label": "Comprehensive Income (Loss), Net of Tax, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Total Comprehensive Income", "label": "Comprehensive Income (Loss), Net of Tax, Including Portion Attributable to Noncontrolling Interest", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": [ "r91", "r179", "r323", "r325", "r332", "r1010", "r1037" ] }, "us-gaap_ComprehensiveIncomeNoteTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNoteTextBlock", "presentation": [ "http://www.nisource.com/role/AccumulatedOtherComprehensiveLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Accumulated Other Comprehensive Loss", "label": "Comprehensive Income (Loss) Note [Text Block]", "documentation": "The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income." } } }, "auth_ref": [ "r138", "r331", "r1009", "r1035" ] }, "srt_ConsolidatedEntitiesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesAxis", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities [Axis]", "label": "Consolidated Entities [Axis]", "documentation": "Information by consolidated entity or group of entities." } } }, "auth_ref": [ "r252", "r270", "r353", "r843", "r844", "r848", "r849", "r950", "r1199", "r1440", "r1443", "r1444", "r1531", "r1534", "r1535" ] }, "srt_ConsolidatedEntitiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidatedEntitiesDomain", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Entities [Domain]", "label": "Consolidated Entities [Domain]", "documentation": "Entity or group of entities consolidated into reporting entity." } } }, "auth_ref": [ "r252", "r270", "r353", "r843", "r844", "r848", "r849", "r950", "r1199", "r1440", "r1443", "r1444", "r1531", "r1534", "r1535" ] }, "nix_ConsolidatedVariableInterestEntitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ConsolidatedVariableInterestEntitiesMember", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Consolidated Variable Interest Entities", "label": "Consolidated Variable Interest Entities [Member]", "documentation": "Consolidated Variable Interest Entities" } } }, "auth_ref": [] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Axis]", "label": "Consolidation Items [Axis]", "documentation": "Information by components, eliminations, non-segment corporate-level activity and reconciling items used in consolidating a parent entity and its subsidiaries or its operating segments." } } }, "auth_ref": [ "r219", "r252", "r271", "r272", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r353", "r413", "r423", "r437", "r438", "r439", "r440", "r441", "r443", "r444", "r445", "r588", "r589", "r590", "r591", "r593", "r594", "r595", "r596", "r597", "r1221", "r1222", "r1441", "r1442", "r1532", "r1533" ] }, "srt_ConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri":
```

"http://fasb.org/srt/2024", "localname": "ConsolidationItemsDomain", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Consolidation Items [Domain]", "label": "Consolidation Items [Domain]", "documentation": "Components, elimination, non-segment corporate-level activity and reconciling items used in consolidating a parent entity and its subsidiaries or its operating segments." } } }, "auth_ref": ["r219", "r252", "r271", "r272", "r273", "r274", "r275", "r276", "r277", "r278", "r279", "r353", "r413", "r423", "r437", "r438", "r439", "r440", "r441", "r443", "r444", "r445", "r588", "r589", "r590", "r591", "r593", "r594", "r595", "r596", "r597", "r1221", "r1222", "r1441", "r1442", "r1532", "r1533"] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Company Structure And Principles Of Consolidation", "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r83", "r1212"] }, "nix_ConstructionWorkInProcessMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ConstructionWorkInProcessMember", "presentation": ["http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Construction Work In Process", "label": "Construction Work In Process [Member]", "documentation": "Construction work in process" } } }, "auth_ref": [] }, "us-gaap_ContractWithCustomerLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractWithCustomerLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Customer deposits and credits", "label": "Contract with Customer, Liability, Current", "documentation": "Amount of obligation to transfer good or service to customer for which consideration has been received or is receivable, classified as current." } } }, "auth_ref": ["r636", "r637", "r648"] }, "us-gaap_ContractualObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ContractualObligation", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Contractual Obligation", "label": "Contractual Obligation", "documentation": "Amount of contractual obligation, including, but not limited to, long-term debt, lease obligation, purchase obligation, and other commitments." } } }, "auth_ref": ["r1469"] }, "srt_ContractualObligationFiscalYearMaturityScheduleTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ContractualObligationFiscalYearMaturityScheduleTableTextBlock", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesTables"], "lang": { "en-us": { "role": { "terseLabel": "Contractual Obligation, Fiscal Year Maturity", "label": "Contractual Obligation, Fiscal Year Maturity [Table Text Block]", "documentation": "Tabular disclosure of contractual obligation by timing of payment due. Includes, but is not limited to, long-term debt obligation, lease obligation, and purchase obligation." } } }, "auth_ref": ["r1439", "r1470"] },
"nix_ContributionsFromTaxEquityPartners": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ContributionsFromTaxEquityPartners", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 12.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Contributions from tax equity partners", "label": "Contributions From Tax Equity Partners", "documentation": "Contributions From Tax Equity Partners" } } }, "auth_ref": [] }, "us-gaap_CorporateAndOtherMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateAndOtherMember", "presentation": ["http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails",
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Corporate Segment and Other Operating Segment", "label": "Corporate Segment and Other Operating Segment [Member]", "documentation": "Component of entity providing financial and operational oversight and administrative support considered to be operating segment and operating segment, classified as other. Excludes intersegment elimination and reconciling item." } } }, "auth_ref": ["r1480"] }, "us-gaap_CorporateDebtSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateDebtSecuritiesMember", "presentation": ["http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails",
"http://www.nisource.com/role/FairValueNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Corporate/Other debt securities", "label": "Corporate Debt Securities [Member]", "documentation": "Debt securities issued by domestic or foreign corporate business, banks and other entities with a promise of repayment." } } }, "auth_ref": ["r1247", "r1249", "r1265", "r1278", "r1286", "r1714"] }, "us-gaap_CorporateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Corporate [Member]", "label": "Corporate Segment [Member]", "documentation": "Component of an entity that usually provides financial, operational and administrative support and is considered an operating segment. Excludes intersegment elimination and reconciling items." } } }, "auth_ref": ["r1480"] }, "us-gaap_CorporateNonSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateNonSegmentMember", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Corporate and Other", "label": "Segment Reporting, Reconciling Item, Corporate Nonsegment [Member]", "documentation": "Corporate headquarters or functional department that may not earn revenues or may earn revenues that are only incidental to the activities of the entity and is not considered an operating segment." } } }, "auth_ref": ["r22", "r438", "r439", "r440", "r441", "r444", "r1483"] }, "nix_CorporateUnitsContractAnnualRate": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CorporateUnitsContractAnnualRate", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Corporate Units Contract Annual Rate", "label": "Corporate Units Contract Annual Rate", "documentation": "Corporate Units Contract Annual Rate" } } }, "auth_ref": [] }, "us-gaap_CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServiceExcludingDepreciationDepletionAndAmortization", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingCostsAndExpenses", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "verboseLabel": "Cost of energy", "label": "Cost of Goods and Service, Excluding Depreciation, Depletion, and Amortization", "documentation": "Cost of product sold and service rendered, excluding depreciation, depletion, and amortization." } } }, "auth_ref": ["r1428", "r1429"] }, "nix_CostOfRemovalMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CostOfRemovalMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cost Of Removal", "label": "Cost Of Removal [Member]", "documentation": "Cost Of Removal [Member]" } } }, "auth_ref": [] }, "dei_CoverAbstract": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CoverAbstract", "lang": { "en-us": { "role": { "terseLabel": "Cover [Abstract]", "label": "Cover [Abstract]", "documentation": "Cover page." } } }, "auth_ref": [] }, "us-gaap_CreditFacilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityAxis", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility [Axis]", "label": "Credit Facility [Axis]", "documentation": "Information by type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r586", "r1529"] }, "us-gaap_CreditFacilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Credit Facility [Domain]", "label": "Credit Facility [Domain]", "documentation": "Type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r586", "r1529", "r1530"] }, "nix_CrossDefaultProvisionOnDefaultRelatingToAnyIndebtedness": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CrossDefaultProvisionOnDefaultRelatingToAnyIndebtedness", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cross default provision on default relating to any indebtedness", "label": "Cross Default Provision On Default Relating To Any Indebtedness", "documentation": "Cross default provision on default relating to any indebtedness" } } }, "auth_ref": [] }, "us-gaap_CurrentFederalTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CurrentFederalTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_CurrentIncomeTaxExpenseBenefit", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Federal", "label": "Current Federal Tax Expense (Benefit)", "documentation": "Amount of current federal tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, current national tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r1427", "r1465", "r1642"] },
"dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Current Fiscal Year End Date", "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "us-gaap_CurrentIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CurrentIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Current", "label": "Current Income Tax Expense (Benefit)", "documentation": "Amount of current income tax expense (benefit) pertaining to taxable income (loss) from continuing operations." } } }, "auth_ref": ["r811", "r1465"] }, "us-gaap_CurrentIncomeTaxExpenseBenefitContinuingOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CurrentIncomeTaxExpenseBenefitContinuingOperationsAbstract", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Current", "label": "Current Income Tax Expense (Benefit), Continuing Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_CurrentStateAndLocalTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CurrentStateAndLocalTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_CurrentIncomeTaxExpenseBenefit", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "State", "label": "Current State and Local Tax Expense (Benefit)", "documentation": "Amount of current state and local tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, current regional, territorial, and provincial tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r1427", "r1465", "r1642"] }, "nix_CustomerAccountsReceivableBilledLessReserve": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CustomerAccountsReceivableBilledLessReserve", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionCustomerAccountsReceivableDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer Accounts Receivable, Billed (Less Reserve)", "label": "Customer Accounts Receivable, Billed (Less Reserve)", "documentation": "Customer Accounts Receivable, Billed (Less Reserve)" } } }, "auth_ref": [] }, "nix_CustomerAccountsReceivableTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CustomerAccountsReceivableTableTextBlock", "presentation": ["http://www.nisource.com/role/RevenueRecognitionTables"], "lang": { "en-us": { "role": { "terseLabel": "Customer Accounts Receivable", "label": "Customer Accounts Receivable [Table Text Block]", "documentation": "Tabular disclosure of customer accounts receivable [Table Text Block]" } } }, "auth_ref": [] }, "nix_CustomerAccountsReceivableUnbilledLessReserve": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CustomerAccountsReceivableUnbilledLessReserve", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionCustomerAccountsReceivableDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer Accounts Receivable, Unbilled (Less Reserve)", "label": "Customer Accounts Receivable, Unbilled (Less Reserve)", "documentation": "Customer Accounts Receivable, Unbilled (Less Reserve)" } } }, "auth_ref": [] }, "nix_CustomerAnnualDemand": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CustomerAnnualDemand", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Customer annual demand", "label": "Customer annual demand", "documentation": "Customer annual demand" } } }, "auth_ref": [] }, "nix_CustomerAssistanceProgramsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "CustomerAssistanceProgramsMember", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails"], "lang": { "en-us":

{ "role": { "terseLabel": "Customer Assistance Programs", "label": "Customer Assistance Programs [Member]", "documentation": "Customer Assistance Programs" } } }, "auth_ref": [] }, "cyd_CybersecurityRiskBoardCommitteeOrSubcommitteeResponsibleForOversightTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskBoardCommitteeOrSubcommitteeResponsibleForOversightTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Board Committee or Subcommittee Responsible for Oversight [Text Block]" } } }, "auth_ref": ["r1317", "r1406"] }, "cyd_CybersecurityRiskBoardOfDirectorsOversightTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskBoardOfDirectorsOversightTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Board of Directors Oversight [Text Block]" } } }, "auth_ref": ["r1317", "r1406"] }, "cyd_CybersecurityRiskManagementExpertiseOfManagementResponsibleTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementExpertiseOfManagementResponsibleTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Expertise of Management Responsible [Text Block]" } } }, "auth_ref": ["r1319", "r1408"] }, "cyd_CybersecurityRiskManagementPositionsOrCommitteesResponsibleFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementPositionsOrCommitteesResponsibleFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Positions or Committees Responsible [Flag]" } } }, "auth_ref": ["r1319", "r1408"] }, "cyd_CybersecurityRiskManagementPositionsOrCommitteesResponsibleReportToBoardFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementPositionsOrCommitteesResponsibleReportToBoardFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Positions or Committees Responsible Report to Board [Flag]" } } }, "auth_ref": ["r1321", "r1410"] }, "cyd_CybersecurityRiskManagementPositionsOrCommitteesResponsibleTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementPositionsOrCommitteesResponsibleTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Positions or Committees Responsible [Text Block]" } } }, "auth_ref": ["r1319", "r1408"] }, "cyd_CybersecurityRiskManagementProcessesForAssessingIdentifyingAndManagingThreatsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementProcessesForAssessingIdentifyingAndManagingThreatsTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Processes for Assessing, Identifying, and Managing Threats [Text Block]" } } }, "auth_ref": ["r1312", "r1401"] }, "cyd_CybersecurityRiskManagementProcessesIntegratedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementProcessesIntegratedFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Processes Integrated [Flag]" } } }, "auth_ref": ["r1313", "r1402"] }, "cyd_CybersecurityRiskManagementProcessesIntegratedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementProcessesIntegratedTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Processes Integrated [Text Block]" } } }, "auth_ref": ["r1313", "r1402"] }, "cyd_CybersecurityRiskManagementStrategyAndGovernanceAbstract": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementStrategyAndGovernanceAbstract", "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management, Strategy, and Governance [Abstract]" } } }, "auth_ref": ["r1311", "r1400"] }, "cyd_CybersecurityRiskManagementStrategyAndGovernanceLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementStrategyAndGovernanceLineItems", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management, Strategy, and Governance [Line Items]" } } }, "auth_ref": ["r1311", "r1400"] }, "cyd_CybersecurityRiskManagementStrategyAndGovernanceTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementStrategyAndGovernanceTable", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management, Strategy, and Governance [Table]" } } }, "auth_ref": ["r1311", "r1400"] }, "cyd_CybersecurityRiskManagementThirdPartyEngagedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskManagementThirdPartyEngagedFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Management Third-Party Engaged [Flag]" } } }, "auth_ref": ["r1314", "r1403"] }, "cyd_CybersecurityRiskMateriallyAffectedOrReasonablyLikelyToMateriallyAffectRegistrantFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskMateriallyAffectedOrReasonablyLikelyToMateriallyAffectRegistrantFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Materially Affected or Reasonably Likely to Materially Affect Registrant [Flag]" } } }, "auth_ref": ["r1316", "r1405"] }, "cyd_CybersecurityRiskMateriallyAffectedOrReasonablyLikelyToMateriallyAffectRegistrantTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskMateriallyAffectedOrReasonablyLikelyToMateriallyAffectRegistrantTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Materially Affected or Reasonably Likely to Materially Affect Registrant [Text Block]" } } }, "auth_ref": ["r1316", "r1405"] }, "cyd_CybersecurityRiskProcessForInformingBoardCommitteeOrSubcommitteeResponsibleForOversightTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskProcessForInformingBoardCommitteeOrSubcommitteeResponsibleForOversightTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Process for Informing Board Committee or Subcommittee Responsible for Oversight [Text Block]" } } }, "auth_ref": ["r1317", "r1406"] }, "cyd_CybersecurityRiskProcessForInformingManagementOrCommitteesResponsibleTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskProcessForInformingManagementOrCommitteesResponsibleTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Process for Informing Management or Committees Responsible [Text Block]" } } }, "auth_ref": ["r1320", "r1409"] }, "cyd_CybersecurityRiskRoleOfManagementTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskRoleOfManagementTextBlock", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Role of Management [Text Block]" } } }, "auth_ref": ["r1318", "r1407"] }, "cyd_CybersecurityRiskThirdPartyOversightAndIdentificationProcessesFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/cyd/2024", "localname": "CybersecurityRiskThirdPartyOversightAndIdentificationProcessesFlag", "presentation": ["http://xbrl.sec.gov/cyd/role/CybersecurityRiskManagementAndStrategyDisclosure"], "lang": { "en-us": { "role": { "label": "Cybersecurity Risk Third Party Oversight and Identification Processes [Flag]" } } }, "auth_ref": ["r1315", "r1404"] }, "nix_DSMProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DSMProgramMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "DSM Program", "label": "DSM Program [Member]", "documentation": "DSM Program [Member]" } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentAxis", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Axis]", "label": "Debt Instrument [Axis]", "documentation": "Information by type of debt instrument, including, but not limited to, draws against credit facilities." } } }, "auth_ref": ["r25", "r118", "r119", "r191", "r194", "r353", "r599", "r600", "r601", "r602", "r603", "r604", "r605", "r606", "r607", "r608", "r609", "r610", "r611", "r612", "r613", "r614", "r1234", "r1235", "r1236", "r1237", "r1238", "r1275", "r1463", "r1517", "r1518", "r1519", "r1666", "r1667"] }, "us-gaap_DebtInstrumentBasisSpreadOnVariableRate1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentBasisSpreadOnVariableRate1", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Basis Spread on Variable Rate", "label": "Debt Instrument, Basis Spread on Variable Rate", "documentation": "Percentage points added to the reference rate to compute the variable rate on the debt instrument." } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentCarryingAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentCarryingAmount", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueCarryingAmountAndEstimatedFairValuesOfFinancialInstrumentsDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Excluding Current Maturities", "verboseLabel": "Long-term debt (including current portion), Carrying Amount", "label": "Long-Term Debt, Gross", "documentation": "Amount, before unamortized (discount) premium and debt issuance costs, of long-term debt. Includes, but is not limited to, notes payable, bonds payable, commercial loans, mortgage loans, convertible debt, subordinated debt and other types of debt." } } }, "auth_ref": ["r25", "r194", "r616"] }, "us-gaap_DebtInstrumentConvertibleConversionRatio1": { "xbrltype": "pureItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentConvertibleConversionRatio1", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Convertible, Conversion Ratio", "label": "Debt Instrument, Convertible, Conversion Ratio", "documentation": "Ratio applied to the conversion of debt instrument into equity with equity shares divided by debt principal amount." } } }, "auth_ref": ["r63", "r122", "r166", "r167", "r601"] }, "us-gaap_DebtInstrumentFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentFaceAmount", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Face amount of notes", "label": "Debt Instrument, Face Amount", "documentation": "Face (par) amount of debt instrument at time of issuance." } } }, "auth_ref": ["r599", "r912", "r913", "r1235", "r1236", "r1275"] }, "us-gaap_DebtInstrumentInterestRateStatedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentInterestRateStatedPercentage", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Interest Rate, Stated Percentage", "verboseLabel": "Interest rate on debt", "label": "Debt Instrument, Interest Rate, Stated Percentage", "documentation": "Contractual interest rate for funds borrowed, under the debt agreement." } } }, "auth_ref": ["r121", "r600"] }, "us-gaap_DebtInstrumentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentLineItems", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument [Line Items]", "label": "Debt Instrument [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r353", "r599", "r600", "r601", "r602", "r603", "r604", "r605", "r606", "r607", "r608", "r609", "r610", "r611", "r612", "r613", "r614", "r615", "r1234", "r1235", "r1236", "r1237", "r1238", "r1275", "r1463", "r1666", "r1667"] }, "us-gaap_DebtInstrumentNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentNameDomain", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Name [Domain]", "label": "Debt Instrument, Name [Domain]", "documentation": "The name for the particular debt instrument or borrowing that distinguishes it from other debt instruments or borrowings, including draws against credit facilities." } } }, "auth_ref": ["r25", "r353", "r599", "r600", "r601", "r602", "r603", "r604", "r605", "r606", "r607", "r608", "r609", "r610", "r611", "r612", "r613", "r614", "r1234", "r1235", "r1236", "r1237", "r1238", "r1275", "r1463", "r1517", "r1518", "r1519", "r1666", "r1667"] }, "us-gaap_DebtInstrumentRepurchasedFaceAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentRepurchasedFaceAmount", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Repurchased Face Amount", "label": "Debt Instrument, Repurchased Face Amount", "documentation": "Face (par) amount of the original debt instrument that was repurchased." } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentTable", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Schedule of Long-term Debt Instruments [Table]", "terseLabel": "Schedule of Long-term Debt Instruments [Table]", "label": "Schedule of Long-Term Debt Instruments [Table]", "documentation": "Disclosure of information about long-term debt instrument or arrangement." } } }, "auth_ref": ["r25", "r63", "r67", "r110", "r165", "r167", "r353", "r599", "r600", "r601", "r602", "r603", "r604", "r605", "r606", "r607", "r608", "r609", "r610", "r611", "r612", "r613", "r614", "r615", "r1234", "r1235", "r1236", "r1237", "r1238", "r1275", "r1463", "r1666", "r1667"] }, "nix_DebtInstrumentTendered": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DebtInstrumentTendered", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument Tendered", "label": "Debt Instrument Tendered", "documentation": "Debt Instrument Tendered" } } }, "auth_ref": [] }, "us-gaap_DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":

"DebtInstrumentUnamortizedDiscountPremiumAndDebtIssuanceCostsNet", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net", "label": "Debt Instrument, Unamortized Discount (Premium) and Debt Issuance Costs, Net", "documentation": "Amount of unamortized debt discount (premium) and debt issuance costs." } } }, "auth_ref": ["r605", "r617", "r911", "r912", "r913", "r1235", "r1236", "r1275"] }, "us-gaap_DebtSecuritiesAvailableForSaleAllowanceForCreditLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleAllowanceForCreditLoss", "crdr": "credit", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "http://www.nisource.com/role/FairValueNarrativeDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Allowance for Credit Loss", "terseLabel": "Allowance for Credit Loss", "label": "Debt Securities, Available-for-Sale, Allowance for Credit Loss", "documentation": "Amount of allowance for credit loss on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r464", "r517", "r522", "r523"] }, "us-gaap_DebtSecuritiesAvailableForSaleRealizedGainLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleRealizedGainLoss", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Available-for-Sale, Realized Gain (Loss)", "label": "Debt Securities, Available-for-Sale, Realized Gain (Loss)", "documentation": "Amount of realized gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r1502"] }, "us-gaap_DebtSecuritiesAvailableForSaleTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleTable", "presentation": [
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "http://www.nisource.com/role/FairValueNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Available-for-sale Securities [Table]", "label": "Debt Securities, Available-for-Sale [Table]", "documentation": "Disclosure of information about investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472"] }, "us-gaap_DebtSecuritiesAvailableForSaleTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleTableTextBlock", "presentation": ["http://www.nisource.com/role/FairValueTables"], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Available-for-sale", "label": "Debt Securities, Available-for-Sale [Table Text Block]", "documentation": "Tabular disclosure of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": ["r1491", "r1492", "r1493", "r1494", "r1495", "r1496", "r1497", "r1498", "r1499", "r1500", "r1501", "r1502"] }, "us-gaap_DebtSecuritiesAvailableForSaleUnrealizedLossPosition": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesAvailableForSaleUnrealizedLossPosition", "crdr": "debit", "presentation": ["http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt Securities, Available-for-sale, Unrealized Loss Position", "label": "Debt Securities, Available-for-Sale, Unrealized Loss Position", "documentation": "Amount of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale), in unrealized loss position without allowance for credit loss." } } }, "auth_ref": ["r228", "r519", "r1229"] }, "us-gaap_DebtSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtSecuritiesMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fixed Income", "label": "Debt Securities [Member]", "documentation": "Debt instrument issued by corporations, governments and governmental agencies, municipalities, and other institutions." } } }, "auth_ref": ["r49", "r1290", "r1724"] }, "us-gaap_DebtWeightedAverageInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtWeightedAverageInterestRate", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt, Weighted Average Interest Rate", "label": "Debt, Weighted Average Interest Rate", "documentation": "Weighted average interest rate of debt outstanding." } } }, "auth_ref": [] }, "nix_Debtbasedpostinservicecarryingcharges": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Debtbasedpostinservicecarryingcharges", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": -1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/InterestExpenseNetDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Debt-based post-in-service carrying charges", "label": "Debt-based post-in-service carrying charges", "documentation": "Debt-based post-in-service carrying charges" } } }, "auth_ref": [] },
"nix_DecreaseInAmortizationOfRegulatoryLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DecreaseInAmortizationOfRegulatoryLiabilities", "crdr": "debit", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Decrease in Amortization of Regulatory Liabilities", "label": "Decrease in Amortization of Regulatory Liabilities", "documentation": "Decrease in Amortization of Regulatory Liabilities" } } }, "auth_ref": [] }, "nix_DeferredChargesAndOther": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DeferredChargesAndOther", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_OtherAssetsNoncurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Deferred charges and other", "label": "Deferred charges and other", "documentation": "Deferred charges and other" } } }, "auth_ref": [] }, "us-gaap_DeferredDerivativeGainLossMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredDerivativeGainLossMember", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Derivative Gain (Loss)", "label": "Deferred Derivative Gain (Loss) [Member]", "documentation": "Rate action of a regulator resulting in capitalization or accrual of gain (loss) on derivative contracts." } } }, "auth_ref": [] }, "us-gaap_DeferredFederalIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredFederalIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_DeferredIncomeTaxExpenseBenefit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Deferred Federal Income Tax Expense (Benefit)", "terseLabel": "Federal", "label": "Deferred Federal Income Tax Expense (Benefit)", "documentation": "Amount of deferred federal tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, deferred national tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r1465", "r1641", "r1642"] }, "us-gaap_DeferredFederalStateAndLocalTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredFederalStateAndLocalTaxExpenseBenefit", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Federal, State and Local, Tax Expense (Benefit)", "label": "Deferred Federal, State and Local, Tax Expense (Benefit)", "documentation": "Amount of deferred federal, state, and local tax expense (benefit) attributable to income (loss) from continuing operations. Includes, but is not limited to, deferred national, regional, territorial, and provincial tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r1632"] }, "us-gaap_DeferredIncomeTaxChargesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxChargesMember", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Income Tax Charge", "label": "Deferred Income Tax Charge [Member]", "documentation": "Rate action of a regulator resulting in capitalization or accrual of income taxes." } } }, "auth_ref": ["r212", "r214", "r216", "r217"] }, "us-gaap_DeferredIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Deferred", "label": "Deferred Income Tax Expense (Benefit)", "documentation": "Amount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations." } } }, "auth_ref": ["r13", "r240", "r1465"] }, "us-gaap_DeferredIncomeTaxExpenseBenefitContinuingOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxExpenseBenefitContinuingOperationsAbstract", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred", "label": "Deferred Income Tax Expense (Benefit), Continuing Operations [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DeferredIncomeTaxLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxLiabilities", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": null, "weight": null, "order": null, "root": true }
}, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Deferred Tax Liabilities", "label": "Deferred Tax Liabilities, Gross", "documentation": "Amount of deferred tax liability attributable to taxable temporary differences." } }
}, "auth_ref": ["r127", "r128", "r192", "r802"] }, "us-gaap_DeferredIncomeTaxLiabilitiesNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxLiabilitiesNet", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesNoncurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "terseLabel": "Deferred income taxes", "label": "Deferred Income Tax Liabilities, Net", "documentation": "Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting." } } }, "auth_ref": ["r782", "r783", "r1020"] }, "us-gaap_DeferredIncomeTaxesAndTaxCredits": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxesAndTaxCredits", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 7.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Deferred income taxes", "label": "Deferred Income Taxes and Tax Credits", "documentation": "Amount of deferred income tax expense (benefit) and income tax credits." } } }, "auth_ref": ["r153"] },
"nix_DeferredInvestmentTaxCreditsAndOtherRegulatoryLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DeferredInvestmentTaxCreditsAndOtherRegulatoryLiabilities", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other regulatory liabilities and deferred investment tax credits (including TCJA)", "label": "Deferred Investment Tax Credits And Other Regulatory Liabilities", "documentation": "Deferred Investment Tax Credits And Other Regulatory Liabilities" } } }, "auth_ref": [] }, "us-gaap_DeferredOtherTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredOtherTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Investment Credits", "label": "Deferred Other Tax Expense (Benefit)", "documentation": "Amount of other deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. For example, but not limited to, acquisition-date income tax benefits or expenses recognized from changes in the acquirer's valuation allowance for its previously existing deferred tax assets resulting from a business combination and adjustments to beginning-of-year balance of a valuation allowance because of a change in circumstance causing a change in judgment about the realizability of the related deferred tax asset in future periods." } } }, "auth_ref": ["r1465", "r1640"] }, "nix_DeferredPensionandOtherPostretirementCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DeferredPensionandOtherPostretirementCostsMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails",
"http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Postretirement Costs", "label": "Deferred Pension and Other Postretirement Costs [Member]", "documentation": "Deferred Pension and Other Postretirement Costs [Member]" } } }, "auth_ref": [] },
"nix_DeferredPropertyTaxesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DeferredPropertyTaxesMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Property Taxes", "label": "Deferred Property Taxes [Member]", "documentation": "Deferred Property Taxes" } } }, "auth_ref": [] }, "us-gaap_DeferredStateAndLocalIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredStateAndLocalIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_DeferredIncomeTaxExpenseBenefit", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "State", "label": "Deferred State and Local Income Tax Expense (Benefit)", "documentation": "Amount of deferred state and local tax expense (benefit) attributable to income

*(loss) from continuing operations. Includes, but is not limited to, deferred regional, territorial, and provincial tax expense (benefit) for non-US (United States of America) jurisdiction." } } }, "auth_ref": ["r1465", "r1641", "r1642"] }, "us-gaap_DeferredTaxAssetsGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsGross", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Deferred Tax Assets", "label": "Deferred Tax Assets, Gross", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards." } } }, "auth_ref": ["r803"] }, "us-gaap_DeferredTaxAssetsGrossAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsGrossAbstract", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Tax Assets", "label": "Deferred Tax Assets, Gross [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DeferredTaxAssetsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsNet", "crdr": "debit", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Tax Assets, Net of Valuation Allowance", "label": "Deferred Tax Assets, Net of Valuation Allowance", "documentation": "Amount after allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences and carryforwards." } } }, "auth_ref": ["r1637"] }, "us-gaap_DeferredTaxAssetsOperatingLossCarryforwards": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsOperatingLossCarryforwards", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Deferred Tax Assets, Operating Loss Carryforwards", "terseLabel": "Net operating loss carryforward and AMT credit carryforward", "label": "Deferred Tax Assets, Operating Loss Carryforwards", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible operating loss carryforwards." } } }, "auth_ref": ["r1639"] }, "us-gaap_DeferredTaxAssetsOperatingLossCarryforwardsForeign": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsOperatingLossCarryforwardsForeign", "crdr": "debit", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net operating loss carryforward and AMT credit carryforward", "label": "Deferred Tax Assets, Operating Loss Carryforwards, Foreign", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible foreign operating loss carryforwards." } } }, "auth_ref": ["r1639"] }, "us-gaap_DeferredTaxAssetsOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsOther", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 6.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other, net", "label": "Deferred Tax Assets, Other", "documentation": "Amount, before allocation of valuation allowance, of deferred tax asset attributable to deductible temporary differences, classified as other." } } }, "auth_ref": ["r1639"] }, "nix_DeferredTaxAssetsOtherAccruedLiabilitiesEnvironmental": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DeferredTaxAssetsOtherAccruedLiabilitiesEnvironmental", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Environmental liabilities", "label": "Deferred Tax Assets, Other Accrued Liabilities Environmental", "documentation": "Deferred Tax Assets, Other Accrued Liabilities, Environmental" } } }, "auth_ref": [] }, "us-gaap_DeferredTaxAssetsTaxDeferredExpenseCompensationAndBenefitsPostretirementBenefits": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsTaxDeferredExpenseCompensationAndBenefitsPostretirementBenefits", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Pension and other postretirement/postemployment benefits", "label": "Deferred Tax Assets, Tax Deferred Expense, Compensation and Benefits, Postretirement Benefits", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences from postretirement benefits." } } }, "auth_ref": ["r1639"] }, "us-gaap_DeferredTaxAssetsTaxDeferredExpenseReservesAndAccrualsAccruedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsTaxDeferredExpenseReservesAndAccrualsAccruedLiabilities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredTaxAssetsGross", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other accrued liabilities", "label": "Deferred Tax Assets, Tax Deferred Expense, Reserves and Accruals, Accrued Liabilities", "documentation": "Amount before allocation of valuation allowances of deferred tax asset attributable to deductible temporary differences from accrued liabilities." } } }, "auth_ref": ["r1639"] }, "us-gaap_DeferredTaxAssetsValuationAllowance": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxAssetsValuationAllowance", "crdr": "credit", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Tax Assets, Valuation Allowance", "negatedTerseLabel": "Deferred Tax Assets, Valuation Allowance", "label": "Deferred Tax Assets, Valuation Allowance", "documentation": "Amount of deferred tax assets for which it is more likely than not that a tax benefit will not be realized." } } }, "auth_ref": ["r804"] }, "us-gaap_DeferredTaxLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxLiabilities", "crdr": "credit", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Deferred Tax Liabilities", "label": "Deferred Tax Liabilities, Net", "documentation": "Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences without jurisdictional netting." } } }, "auth_ref": ["r1637"] }, "us-gaap_DeferredTaxLiabilitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredTaxLiabilitiesAbstract", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Deferred Tax Liabilities", "label": "Deferred Tax Liabilities, Gross [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanAccumulatedBenefitObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAccumulatedBenefitObligation", "crdr": "credit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Accumulated Benefit Obligation", "label": "Defined Benefit Plan, Accumulated Benefit Obligation", "documentation": "Amount of actuarial present value of benefits attributed to employee service rendered, excluding assumptions about future compensation level." } } }, "auth_ref": ["r685"] }, "us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetGainsLossesBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetGainsLossesBeforeTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails": { "parentTag": "nix_Definedbenefitplanrecognizedinaccumulatedothercomprehensiveincomenetgainsorlossesbeforeincometaxorregulatoryassetsorliabilities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Unrecognized actuarial loss", "label": "Defined Benefit Plan, Accumulated Other Comprehensive Income (Loss), Gain (Loss), before Tax", "documentation": "Amount, before tax, of accumulated other comprehensive income (loss) for gain (loss) of defined benefit plan, that has not been recognized in net periodic benefit (cost) credit." } } }, "auth_ref": ["r28", "r697"] }, "us-gaap_DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetPriorServiceCostCreditBeforeTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAccumulatedOtherComprehensiveIncomeNetPriorServiceCostCreditBeforeTax", "crdr": "debit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails": { "parentTag": "nix_Definedbenefitplanrecognizedinaccumulatedothercomprehensiveincomenetgainsorlossesbeforeincometaxorregulatoryassetsorliabilities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Unrecognized prior service cost", "label": "Defined Benefit Plan, Accumulated Other Comprehensive (Income) Loss, Prior Service Cost (Credit), before Tax", "documentation": "Amount, before tax, of accumulated other comprehensive (income) loss for cost (credit) of benefit change attributable to participants' prior service from plan amendment or plan initiation of defined benefit plan, that has not been recognized in net periodic benefit cost (credit)." } } }, "auth_ref": ["r28", "r697"] }, "us-gaap_DefinedBenefitPlanActualReturnOnPlanAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanActualReturnOnPlanAssets", "crdr": "debit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Actual return on plan assets", "label": "Defined Benefit Plan, Plan Assets, Increase (Decrease) for Actual Return (Loss)", "documentation": "Amount of increase (decrease) in plan assets of defined benefit plan from actual return (loss) determined by change in fair value of plan assets adjusted for contributions, benefit payments, and other expenses." } } }, "auth_ref": ["r667", "r1249"] }, "us-gaap_DefinedBenefitPlanActuarialGainLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanActuarialGainLoss", "crdr": "credit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss)", "label": "Defined Benefit Plan, Benefit Obligation, Actuarial Gain (Loss)", "documentation": "Amount of gain (loss) from change in actuarial assumptions which (increases) decreases benefit obligation of defined benefit plan. Assumptions include, but are not limited to, interest, mortality, employee turnover, salary, and temporary deviation from substantive plan." } } }, "auth_ref": ["r660"] }, "us-gaap_DefinedBenefitPlanAmortizationOfGainsLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfGainsLosses", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails"], "lang": { "en-us": { "role": { "negatedLabel": "Recognized actuarial loss", "label": "Defined Benefit Plan, Amortization of Gain (Loss)", "documentation": "Amount of gain (loss) recognized in net periodic benefit (cost) credit of defined benefit plan." } } }, "auth_ref": ["r654", "r692", "r718", "r1249", "r1250"] }, "us-gaap_DefinedBenefitPlanAmortizationOfPriorServiceCostCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmortizationOfPriorServiceCostCredit", "crdr": "debit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "label": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "documentation": "Amount of prior service cost (credit) recognized in net periodic benefit cost (credit) of defined benefit plan." } } }, "auth_ref": ["r654", "r693", "r719", "r1249", "r1250"] }, "us-gaap_DefinedBenefitPlanAmountsRecognizedInBalanceSheet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAmountsRecognizedInBalanceSheet", "crdr": "debit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net amount recognized at end of year", "label": "Defined Benefit Plan, Amounts for Asset (Liability) Recognized in Statement of Financial Position", "documentation": "Amount of asset (liability), recognized in statement of financial position, for defined benefit pension and other postretirement plans." } } }, "auth_ref": ["r71", "r72"] }, "nix_DefinedBenefitPlanAmountsRecognizedInOtherComprehensiveIncomeOrRegulatoryAssetOrLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DefinedBenefitPlanAmountsRecognizedInOtherComprehensiveIncomeOrRegulatoryAssetOrLiability", "crdr": "debit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncome

```
], "lang": { "en-us": { "role": { "terseLabel": "Amount Recognized in Net Periodic Benefits Cost and Other Comprehensive Income or Regulatory Asset or Liability", "label": "Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability", "documentation": "Change in Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanAssetsForPlanBenefitsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssetsForPlanBenefitsNoncurrent", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Noncurrent assets", "label": "Assets for Plan Benefits, Defined Benefit Plan", "documentation": "Amount of asset, recognized in statement of financial position, for overfunded defined benefit pension and other postretirement plans." } } }, "auth_ref": [ "r188", "r651", "r652", "r675", "r1132", "r1249", "r1682" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationDiscountRate", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discount Rate", "label": "Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Discount Rate", "documentation": "Weighted average rate for present value of future retirement benefits cash flows, used to determine benefit obligation of defined benefit plan." } } }, "auth_ref": [ "r699" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationRateOfCompensationIncrease": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationRateOfCompensationIncrease", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Rate of Compensation Increases", "label": "Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Rate of Compensation Increase", "documentation": "Weighted average rate increase of compensation, used to determine benefit obligation of defined benefit plan. Plan includes, but is not limited to, pay-related defined benefit plan." } } }, "auth_ref": [ "r700" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationWeightedAverageInterestCreditingRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingBenefitObligationWeightedAverageInterestCreditingRate", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest Crediting Rates", "label": "Defined Benefit Plan, Assumptions Used Calculating Benefit Obligation, Weighted-Average Interest Crediting Rate", "documentation": "Weighted-average interest crediting rate used to determine benefit obligation of defined benefit plan. Plan includes, but is not limited to, cash balance and other defined benefit plans with promised interest crediting rate." } } }, "auth_ref": [ "r702" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostDiscountRate", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discount rate - service cost", "label": "Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Discount Rate", "documentation": "Weighted average rate for present value of future retirement benefits cash flows, used to determine net periodic benefit cost of defined benefit plan." } } }, "auth_ref": [ "r699" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostExpectedLongTermReturnOnAssets": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostExpectedLongTermReturnOnAssets", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Expected return on plan assets", "terseLabel": "Expected Long-Term Rate of Return on Plan Assets", "label": "Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Expected Long-Term Rate of Return on Plan Assets", "documentation": "Weighted average rate of return on plan assets, reflecting average rate of earnings expected on existing plan assets and expected contributions, used to determine net periodic benefit cost of defined benefit plan." } } }, "auth_ref": [ "r701", "r723" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostRateOfCompensationIncrease": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostRateOfCompensationIncrease", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Rate of Compensation Increases", "label": "Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Rate of Compensation Increase", "documentation": "Weighted average rate of compensation increase used to determine net periodic benefit cost of defined benefit plan. Plan includes, but is not limited to, pay-related defined benefit plan." } } }, "auth_ref": [ "r700" ] }, "us-gaap_DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostWeightedAverageInterestCreditingRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanAssumptionsUsedCalculatingNetPeriodicBenefitCostWeightedAverageInterestCreditingRate", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest Crediting Rates", "label": "Defined Benefit Plan, Assumptions Used Calculating Net Periodic Benefit Cost, Weighted-Average Interest Crediting Rate", "documentation": "Weighted-average interest crediting rate used to determine net periodic benefit cost of defined benefit plan. Plan includes, but is not limited to, cash balance and other defined benefit plans with promised interest crediting rate." } } }, "auth_ref": [ "r702" ] }, "nix_DefinedBenefitPlanAssumptionsUsedInCalculatingNetPeriodicCostDiscountRateforInterestCost": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DefinedBenefitPlanAssumptionsUsedInCalculatingNetPeriodicCostDiscountRateforInterestCost", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Discount rate - interest cost", "label": "Defined Benefit Plan Assumptions Used In Calculating Net Periodic Cost Discount Rate for Interest Cost", "documentation": "The interest rate used to adjust the time value of money for interest cost." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanBenefitObligation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanBenefitObligation", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "periodStartLabel": "Benefit obligation at beginning of year", "periodEndLabel": "Projected benefit obligation at end of year", "terseLabel": "Defined Benefit Plan, Benefit Obligation", "label": "Defined Benefit Plan, Benefit Obligation", "documentation": "Amount of actuarial present value of benefits attributed to service rendered by employee for defined benefit plan." } } }, "auth_ref": [ "r655" ] }, "us-gaap_DefinedBenefitPlanBenefitObligationBenefitsPaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanBenefitObligationBenefitsPaid", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Benefit Obligation, Benefits Paid", "label": "Defined Benefit Plan, Benefit Obligation, Benefits Paid", "documentation": "Amount of payment to participant of defined benefit plan which decreases benefit obligation. For pension plan, payment includes, but is not limited to, pension benefits and death benefits. For other postretirement plan, payment includes, but is not limited to, prescription drug benefits, health care benefits, life insurance benefits, and legal, educational and advisory services." } } }, "auth_ref": [ "r662", "r726" ] }, "us-gaap_DefinedBenefitPlanBenefitObligationContributionsByPlanParticipant": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanBenefitObligationContributionsByPlanParticipant", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Plan participants' contributions", "label": "Defined Benefit Plan, Benefit Obligation, Contributions by Plan Participant", "documentation": "Amount of contributions received by defined benefit plan from participant which increase benefit obligation." } } }, "auth_ref": [ "r659" ] }, "us-gaap_DefinedBenefitPlanBenefitObligationIncreaseDecreaseForRemeasurementDueToSettlement": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanBenefitObligationIncreaseDecreaseForRemeasurementDueToSettlement", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Benefit Obligation, (Increase) Decrease for Remeasurement due to Settlement", "label": "Defined Benefit Plan, Benefit Obligation, (Increase) Decrease for Remeasurement due to Settlement", "documentation": "Amount of (increase) decrease to benefit obligation of defined benefit plan from remeasurement due to settlement. Excludes decrease to benefit obligation for settlement payment." } } }, "auth_ref": [ "r1543" ] }, "us-gaap_DefinedBenefitPlanByPlanAssetCategoriesAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanByPlanAssetCategoriesAxis", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan by Plan Asset Categories [Axis]", "label": "Defined Benefit Plan, Plan Assets, Category [Axis]", "documentation": "Information by defined benefit plan asset investment." } } }, "auth_ref": [ "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r704", "r1247", "r1248", "r1249" ] }, "us-gaap_DefinedBenefitPlanContributionsByEmployer": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanContributionsByEmployer", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Employer contributions", "label": "Defined Benefit Plan, Plan Assets, Contributions by Employer", "documentation": "Amount of contribution received by defined benefit plan from employer which increases plan assets." } } }, "auth_ref": [ "r669", "r679", "r722", "r1247", "r1248", "r1249", "r1250" ] }, "us-gaap_DefinedBenefitPlanDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanDisclosureLineItems", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan Disclosure [Line Items]", "label": "Defined Benefit Plan Disclosure [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "nix_DefinedBenefitPlanEstimatedBenefitsPaidByIncurredSubsidy": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DefinedBenefitPlanEstimatedBenefitsPaidByIncurredSubsidy", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Estimated benefits paid by incurred subsidy", "label": "Defined Benefit Plan, Estimated Benefits Paid By Incurred Subsidy", "documentation": "Defined Benefit Plan, Estimated Benefits Paid By Incurred Subsidy" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsFiveFiscalYearsThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsFiveFiscalYearsThereafter", "crdr":
```

```
"credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2030-2034", "label": "Defined Benefit Plan, Expected Future Benefit Payment, after Year Five for Next Five Years", "documentation": "Amount of benefit for defined benefit plan expected to be paid in five fiscal years after fifth fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsNextTwelveMonths", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2025", "label": "Defined Benefit Plan, Expected Future Benefit Payment, Year One", "documentation": "Amount of benefit for defined benefit plan expected to be paid in next fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFive", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2029", "label": "Defined Benefit Plan, Expected Future Benefit Payment, Year Five", "documentation": "Amount of benefit for defined benefit plan expected to be paid in fifth fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsYearFour", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2028", "label": "Defined Benefit Plan, Expected Future Benefit Payment, Year Four", "documentation": "Amount of benefit for defined benefit plan expected to be paid in fourth fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsYearThree", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2027", "label": "Defined Benefit Plan, Expected Future Benefit Payment, Year Three", "documentation": "Amount of benefit for defined benefit plan expected to be paid in third fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureBenefitPaymentsYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureBenefitPaymentsYearTwo", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "2026", "label": "Defined Benefit Plan, Expected Future Benefit Payment, Year Two", "documentation": "Amount of benefit for defined benefit plan expected to be paid in second fiscal year following current fiscal year." } } }, "auth_ref": [ "r686" ] }, "us-gaap_DefinedBenefitPlanExpectedFutureEmployerContributionsNextFiscalYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedFutureEmployerContributionsNextFiscalYear", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Expected contribution", "label": "Defined Benefit Plan, Expected Future Employer Contributions, Next Fiscal Year", "documentation": "Amount of contribution expected to be received by defined benefit plan from employer in next fiscal year following current fiscal year." } } }, "auth_ref": [ "r687", "r1250" ] }, "us-gaap_DefinedBenefitPlanExpectedReturnOnPlanAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanExpectedReturnOnPlanAssets", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Expected return on assets", "label": "Defined Benefit Plan, Expected Return (Loss) on Plan Assets", "documentation": "Amount of expected return (loss) recognized in net periodic benefit (cost) credit, calculated based on expected long-term rate of return and market-related value of plan assets of defined benefit plan." } } }, "auth_ref": [ "r654", "r691", "r717", "r1249", "r1250" ] }, "us-gaap_DefinedBenefitPlanFairValueOfPlanAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanFairValueOfPlanAssets", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Plan Assets, Amount", "periodStartLabel": "Fair value of plan assets at beginning of year", "periodEndLabel": "Fair value of plan assets at end of year", "label": "Defined Benefit Plan, Plan Assets, Amount", "documentation": "Amount of asset segregated and restricted to provide benefit under defined benefit plan. Asset includes, but is not limited to, stock, bond, other investment, earning from investment, and contribution by employer and employee." } } }, "auth_ref": [ "r666", "r677", "r679", "r680", "r1247", "r1248", "r1249" ] }, "nix_DefinedBenefitPlanFairValueOfPlanAssetsBeforePendingItems": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DefinedBenefitPlanFairValueOfPlanAssetsBeforePendingItems", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items", "label": "Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items", "documentation": "Defined Benefit Plan Fair Value Of Plan Assets Before Pending Items" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanFundedStatusOfPlan": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanFundedStatusOfPlan", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Funded status of plan", "terseLabel": "Defined Benefit Plan, Funded (Unfunded) Status of Plan", "label": "Defined Benefit Plan, Funded (Unfunded) Status of Plan", "documentation": "Amount of funded (unfunded) status of defined benefit plan, measured as difference between fair value of plan assets and benefit obligation. Includes, but is not limited to, overfunded (underfunded) status." } } }, "auth_ref": [ "r651", "r675", "r1249" ] }, "us-gaap_DefinedBenefitPlanHealthCareCostTrendRateAssumedNextFiscalYear": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanHealthCareCostTrendRateAssumedNextFiscalYear", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Trend for Next Year", "label": "Defined Benefit Plan, Health Care Cost Trend Rate Assumed, Next Fiscal Year", "documentation": "Assumed rate for next fiscal year, based on annual change in cost of health care cost benefits used to measure expected cost of benefits covered by defined benefit postretirement plan. Factors include, but are not limited to, estimate of health care inflation, change in health care utilization or delivery pattern, technological advances, and change in health status of participant. Excludes factors for change in composition of plan population by age and dependency status." } } }, "auth_ref": [ "r703" ] }, "us-gaap_DefinedBenefitPlanInterestCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanInterestCost", "crdr": "debit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Interest cost", "label": "Defined Benefit Plan, Interest Cost", "documentation": "Amount of cost recognized for passage of time related to defined benefit plan." } } }, "auth_ref": [ "r654", "r658", "r690", "r716", "r1249", "r1250" ] }, "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanNetPeriodicBenefitCost", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total Net Periodic Benefits Cost", "label": "Defined Benefit Plan, Net Periodic Benefit Cost (Credit)", "documentation": "Amount of net periodic benefit cost (credit) for defined benefit plan." } } }, "auth_ref": [ "r688", "r714", "r1249", "r1250" ] }, "us-gaap_DefinedBenefitPlanOtherChanges": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanOtherChanges", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Other Change", "label": "Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Other Change", "documentation": "Amount of increase (decrease) in benefit obligation of defined benefit plan from change, classified as other." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanPlanAmendments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanPlanAmendments", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Plan amendments", "label": "Defined Benefit Plan, Benefit Obligation, Increase (Decrease) for Plan Amendment", "documentation": "Amount of increase (decrease) in benefit obligation of defined benefit plan from change in terms of existing plan or initiation of new plan." } } }, "auth_ref": [ "r663" ] }, "us-gaap_DefinedBenefitPlanPlanAssetsBenefitsPaid": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanPlanAssetsBenefitsPaid", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Benefits paid", "label": "Defined Benefit Plan, Plan Assets, Benefits Paid", "documentation": "Amount of payment to participant under defined benefit plan which decreases plan assets. For pension plan, payment includes, but is not limited to, pension benefits and death benefits. For other postretirement plan, payment includes, but is not limited to, prescription drug benefits, health care benefits, life insurance benefits, and legal, educational and advisory services." } } }, "auth_ref": [ "r671", "r1601" ] }, "us-gaap_DefinedBenefitPlanPlanAssetsContributionsByPlanParticipant": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanPlanAssetsContributionsByPlanParticipant", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Plan Assets, Contributions by Plan Participant", "label": "Defined Benefit Plan, Plan Assets, Contributions by Plan Participant", "documentation": "Amount of contributions received by defined benefit plan from participant which increases plan assets." } } }, "auth_ref": [ "r670" ] }, "us-gaap_DefinedBenefitPlanPlanAssetsTargetAllocationPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanPlanAssetsTargetAllocationPercentage", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Plan Assets, Target Allocation, Percentage", "label": "Defined Benefit Plan, Plan Assets, Target Allocation, Percentage", "documentation": "Percentage of target investment allocation to total plan assets. Includes, but is not limited to, percentage on weighted-average basis if more than one plan." } } }, "auth_ref": [ "r676", "r1249" ] }, "us-gaap_DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanRecognizedNetGainLossDueToSettlements1", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": -1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Settlement loss", "label": "Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Settlement", "documentation": "Amount of gain (loss) recognized in net periodic benefit (cost) credit from irrevocable action relieving primary responsibility for benefit obligation and eliminating risk related to obligation and assets used to effect settlement." } } }, "auth_ref": [ "r653", "r695", "r721" ] }, "us-gaap_DefinedBenefitPlanServiceCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanServiceCost", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails": { "parentTag": "us-gaap_DefinedBenefitPlanNetPeriodicBenefitCost", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
```

```
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Service cost", "terseLabel": "Service Cost", "label": "Defined Benefit Plan, Service Cost", "documentation": "Amount of cost for actuarial present value of benefits attributed to service rendered by employee for defined benefit plan." } } }, "auth_ref": [ "r656", "r689", "r715", "r1249", "r1250" ] },
"nix_DefinedBenefitPlanTargetAllocationPercentageOfTotalAssets": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DefinedBenefitPlanTargetAllocationPercentageOfTotalAssets", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Percentage of total asset", "label": "Defined Benefit Plan Target Allocation Percentage Of Total Assets", "documentation": "Defined Benefit Plan Target Allocation Percentage Of Total Assets" } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPlanUltimateHealthCareCostTrendRate1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanUltimateHealthCareCostTrendRate1", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Ultimate Trend", "label": "Defined Benefit Plan, Ultimate Health Care Cost Trend Rate", "documentation": "Ultimate trend rate for health care cost for defined benefit postretirement plan." } } }, "auth_ref": [ "r703" ] }, "us-gaap_DefinedBenefitPlanYearHealthCareCostTrendRateReachesUltimateTrendRate": { "xbrltype": "gYearListItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlanYearHealthCareCostTrendRateReachesUltimateTrendRate", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Year Ultimate Trend Reached", "label": "Defined Benefit Plan, Year Health Care Cost Trend Rate Reaches Ultimate Trend Rate", "documentation": "Year ultimate health care cost trend rate is expected to be reached, in YYYY format." } } }, "auth_ref": [ "r703" ] }, "us-gaap_DefinedBenefitPlansAndOtherPostretirementBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlansAndOtherPostretirementBenefitPlansDisclosuresTable", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plans and Other Postretirement Benefit Plans Disclosures [Table]", "label": "Defined Benefit Plans and Other Postretirement Benefit Plans Disclosures [Table]", "documentation": "Disclosure of information about defined benefit pension plans or other postretirement defined benefit plans. The arrangements are generally based on terms and conditions stipulated by the entity, and which contain a promise by the employer to pay certain amounts or awards at designated future dates, including a period after retirement, upon compliance with stipulated requirements. Excludes disclosures pertaining to defined contribution plans." } } }, "auth_ref": [ "r15", "r73", "r74", "r75", "r76" ] }, "us-gaap_DefinedBenefitPlansAndOtherPostretirementBenefitPlansTableTextBlockLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPlansAndOtherPostretirementBenefitPlansTableTextBlockLineItems", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]", "label": "Defined Benefit Plans and Other Postretirement Benefit Plans Table Text Block [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_DefinedBenefitPostretirementHealthCoverageMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedBenefitPostretirementHealthCoverageMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Postretirement Health Coverage [Member]", "label": "Postretirement Health Coverage [Member]", "documentation": "Plan designed to provide postretirement health benefits to retiree or beneficiary. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": [] }, "us-gaap_DefinedContributionPlanCostRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedContributionPlanCostRecognized", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "401(k) match, profit sharing and non-elective expense", "label": "Defined Contribution Plan, Cost", "documentation": "Amount of cost for defined contribution plan." } } }, "auth_ref": [ "r727" ] }, "us-gaap_DefinedContributionPlanEmployerMatchingContributionPercent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DefinedContributionPlanEmployerMatchingContributionPercent", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay", "label": "Defined Contribution Plan, Employer Matching Contribution, Percent of Employees' Gross Pay", "documentation": "Percentage of employees' gross pay for which the employer contributes a matching contribution to a defined contribution plan." } } }, "auth_ref": [] },
"nix_Definedbenefitplanrecognizedinaccumulatedothercomprehensiveincomenetgainsorlossesbeforeincometaxorregulatoryassetsorliabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Definedbenefitplanrecognizedinaccumulatedothercomprehensiveincomenetgainsorlossesbeforeincometaxorregulatoryassetsorliabilities", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Defined Benefit Plan Amounts Recognized In Other Comprehensive Income Or Regulatory Asset Or Liability", "label": "DefinedBenefitPlanRecognizedInAccumulatedOtherComprehensiveIncomeNetGainsOrLossesBeforeIncomeTaxOrRegulatoryAssetsOrLiabilities", "documentation": "Defined Benefit Plan Recognized In Accumulated Other Comprehensive Income Net Gains Or Losses Before Income Tax Or Regulatory Assets Or Liabilities" } } }, "auth_ref": [] },
"nix_DepositaryStockLiquidationPreference": { "xbrltype": "perShareItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DepositaryStockLiquidationPreference", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Depositary Stock Liquidation Preference", "label": "Depositary Stock Liquidation Preference", "documentation": "Depositary Stock Liquidation Preference" } } }, "auth_ref": [] },
"nix_DepositsToRenewableGenerationAssetDeveloper": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DepositsToRenewableGenerationAssetDeveloper", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 7.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets",
"http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Deposits to renewable generation asset developer", "label": "Deposits to renewable generation asset developer", "documentation": "Deposits to renewable generation asset developer" } } }, "auth_ref": [] }, "us-gaap_Depreciation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Depreciation", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Depreciation", "label": "Depreciation", "documentation": "The amount of expense recognized in the current period that reflects the allocation of the cost of tangible assets over the assets' useful lives. Includes production and non-production related depreciation." } } }, "auth_ref": [ "r13", "r52" ] }, "us-gaap_DepreciationDepletionAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationDepletionAndAmortization", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingCostsAndExpenses", "weight": 1.0, "order": 1.0 },
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Depreciation and amortization", "label": "Depreciation, Depletion and Amortization", "documentation": "The aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets." } } }, "auth_ref": [ "r13", "r413", "r426", "r443", "r1221", "r1222" ] }, "nix_DepreciationMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DepreciationMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Depreciation", "label": "Depreciation [Member]", "documentation": "Depreciation [Member]" } } }, "auth_ref": [] }, "nix_DepreciationProvisionsForUtilityPlantPercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DepreciationProvisionsForUtilityPlantPercentage", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Depreciation Provisions For Utility Plant Percentage", "label": "Depreciation Provisions For Utility Plant Percentage", "documentation": "Depreciation provisions for utility plant percentage" } } }, "auth_ref": [] }, "us-gaap_DerivativeAssetAfterOffsetSubjectToMasterNettingArrangement": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssetAfterOffsetSubjectToMasterNettingArrangement", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Asset, Subject to Master Netting Arrangement, after Offset", "label": "Derivative Asset, Subject to Master Netting Arrangement, after Offset", "documentation": "Fair value, after effect of master netting arrangement, of financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and contract can be net settled by means outside contract or delivery of asset. Includes derivative subject to master netting arrangement not elected or qualified to offset. Excludes derivative not subject to master netting arrangement or similar agreement." } } }, "auth_ref": [ "r312", "r1211" ] }, "us-gaap_DerivativeAssetStatementOfFinancialPositionExtensibleEnumeration": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssetStatementOfFinancialPositionExtensibleEnumeration", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Asset, Statement of Financial Position [Extensible Enumeration]", "label": "Derivative Asset, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes derivative asset." } } }, "auth_ref": [ "r850" ] },
"nix_DerivativeAssetStatementOfFinancialPositionExtensibleEnumerationNotDisclosedFlag": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DerivativeAssetStatementOfFinancialPositionExtensibleEnumerationNotDisclosedFlag", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag", "label": "Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag", "documentation": "Derivative Asset Statement Of Financial Position Extensible Enumeration Not Disclosed Flag" } } }, "auth_ref": [] }, "us-gaap_DerivativeAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeAssets", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails",
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Asset", "verboseLabel": "Risk management assets", "label": "Derivative Asset", "documentation": "Fair value, after the effects of master netting arrangements, of a financial asset or other contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": [ "r312", "r313", "r881", "r882", "r890", "r901", "r1101", "r1102", "r1103", "r1104", "r1105", "r1107", "r1108", "r1110", "r1111", "r1112", "r1126", "r1127", "r1177", "r1180", "r1181", "r1182", "r1183", "r1184", "r1211", "r1265", "r1268", "r1290", "r1650", "r1651", "r1652", "r1720" ] }, "us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeContractTypeDomain", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails",
"http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails",
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails",
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative Contract [Domain]", "label": "Derivative Contract [Domain]", "documentation": "Financial instrument or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset." } } }, "auth_ref": [ "r1110", "r1112", "r1125", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1134", "r1135", "r1136", "r1137", "r1147", "r1148", "r1149", "r1150", "r1153", "r1154", "r1155", "r1156", "r1177", "r1178", "r1181", "r1183", "r1288", "r1290", "r1653", "r1654", "r1655", "r1656", "r1657", "r1658", "r1660", "r1661" ] }, "us-gaap_DerivativeGainLossOnDerivativeNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeGainLossOnDerivativeNet", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Gain (Loss) on Derivative, Net", "label": "Derivative, Gain (Loss) on Derivative, Net", "documentation": "Amount of increase (decrease) in the fair value of derivatives recognized in the income statement." } } }, "auth_ref": [ "r1645" ] }, "us-gaap_DerivativeGainOnDerivative": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeGainOnDerivative", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Gain on Derivative", "label": "Derivative, Gain on Derivative", "documentation": "Amount of increase in the fair value of derivatives
```

recognized in the income statement." } } }, "auth_ref": ["r851"] }, "nix_DerivativeGainStatementOfIncomeOrComprehensiveExtensibleEnumerationNotDisclosedFlag": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DerivativeGainStatementOfIncomeOrComprehensiveExtensibleEnumerationNotDisclosedFlag", "crdr": "credit", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag", "label": "Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag", "documentation": "Derivative Gain Statement of Income or Comprehensive Extensible Enumeration Not Disclosed Flag" } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentRiskAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentRiskAxis", "presentation": ["http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instrument [Axis]", "label": "Derivative Instrument [Axis]", "documentation": "Information by type of derivative contract." } } }, "auth_ref": ["r97", "r100", "r101", "r183", "r1110", "r1112", "r1125", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1134", "r1135", "r1136", "r1137", "r1147", "r1148", "r1149", "r1150", "r1153", "r1154", "r1155", "r1156", "r1177", "r1178", "r1181", "r1183", "r1211", "r1288", "r1290", "r1653", "r1654", "r1655", "r1656", "r1657", "r1658", "r1660", "r1661"] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureAbstract", "lang": { "en-us": { "role": { "label": "Derivative Instruments and Hedging Activities Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "presentation": ["http://www.nisource.com/role/RiskManagementActivities"], "lang": { "en-us": { "role": { "terseLabel": "Risk Management Activities", "label": "Derivative Instruments and Hedging Activities Disclosure [Text Block]", "documentation": "The entire disclosure for derivative instruments and hedging activities including, but not limited to, risk management strategies, non-hedging derivative instruments, assets, liabilities, revenue and expenses, and methodologies and assumptions used in determining the amounts." } } }, "auth_ref": ["r182", "r852", "r866"] }, "us-gaap_DerivativeInstrumentsGainLossRecognizedInIncomeIneffectivePortionAndAmountExcludedFromEffectivenessTestingNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsGainLossRecognizedInIncomeIneffectivePortionAndAmountExcludedFromEffectivenessTestingNet", "crdr": "credit", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net", "label": "Derivative Instruments, Gain (Loss) Recognized in Income, Ineffective Portion and Amount Excluded from Effectiveness Testing, Net", "documentation": "The portion of gains and losses (net) on derivative instruments designated and qualifying as hedging instruments representing (a) the amount of the hedge ineffectiveness and (b) the amount, if any, excluded from the assessment of hedge effectiveness." } } }, "auth_ref": ["r184"] }, "us-gaap_DerivativeLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilities", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Liability", "verboseLabel": "Risk management liabilities", "label": "Derivative Liability", "documentation": "Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset. Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r312", "r313", "r881", "r882", "r890", "r901", "r1101", "r1102", "r1103", "r1104", "r1107", "r1108", "r1110", "r1111", "r1112", "r1134", "r1136", "r1137", "r1178", "r1179", "r1180", "r1181", "r1182", "r1183", "r1184", "r1211", "r1650", "r1651", "r1652", "r1720"] }, "nix_DerivativeLiabilityStatementOfFinancialPositionExtensibleEnumerationNotDisclosedFlag": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DerivativeLiabilityStatementOfFinancialPositionExtensibleEnumerationNotDisclosedFlag", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag", "label": "Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag", "documentation": "Derivative Liability Statement Of Financial Position Extensible Enumeration Not Disclosed Flag" } } }, "auth_ref": [] }, "us-gaap_DerivativeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLineItems", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative [Line Items]", "label": "Derivative [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r866"] }, "us-gaap_DerivativeNonmonetaryNotionalAmount": { "xbrltype": "decimalItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeNonmonetaryNotionalAmount", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Nonmonetary Notional Amount", "label": "Derivative, Nonmonetary Notional Amount", "documentation": "Nominal number of units used to calculate payment on derivative." } } }, "auth_ref": ["r615", "r631", "r866", "r1643", "r1644"] }, "us-gaap_DerivativeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeTable", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative [Table]", "label": "Derivative [Table]", "documentation": "Disclosure of information about derivative instrument or group of derivative instruments, including, but not limited to, type of derivative instrument, risk being hedged, notional amount, hedge designation, related hedged item, inception date, and maturity date." } } }, "auth_ref": ["r20", "r92", "r93", "r94", "r95", "r98", "r100", "r102", "r103", "r105", "r866"] }, "us-gaap_DerivativesFairValueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativesFairValueLineItems", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivatives, Fair Value [Line Items]", "label": "Derivatives, Fair Value [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_DilutiveSecuritiesEffectOnBasicEarningsPerShareOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DilutiveSecuritiesEffectOnBasicEarningsPerShareOther", "crdr": "credit", "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Add: Dilutive effect of Equity Units", "label": "Dilutive Securities, Effect on Basic Earnings Per Share, Dilutive Convertible Securities", "documentation": "Amount of increase (decrease) to net income used for calculating diluted earnings per share (EPS), resulting from the assumed exercise of dilutive convertible securities excluding adjustments related to ESOP convertible preferred stock, stock options, and restrictive stock units." } } }, "auth_ref": [] }, "srt_DirectorMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "DirectorMember", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Director", "label": "Director [Member]", "documentation": "Person serving on board of directors." } } }, "auth_ref": ["r1445", "r1487", "r1721"] }, "us-gaap_DisaggregationOfRevenueLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueLineItems", "presentation": ["http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue [Line Items]", "label": "Disaggregation of Revenue [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r647", "r1240", "r1241", "r1242", "r1243", "r1244", "r1245", "r1246"] }, "us-gaap_DisaggregationOfRevenueTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTable", "presentation": ["http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue [Table]", "label": "Disaggregation of Revenue [Table]", "documentation": "Disclosure of information about disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r647", "r1240", "r1241", "r1242", "r1243", "r1244", "r1245", "r1246"] }, "us-gaap_DisaggregationOfRevenueTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTableTextBlock", "presentation": ["http://www.nisource.com/role/RevenueRecognitionTables"], "lang": { "en-us": { "role": { "terseLabel": "Disaggregation of Revenue", "label": "Disaggregation of Revenue [Table Text Block]", "documentation": "Tabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r1539"] }, "us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "presentation": ["http://www.nisource.com/role/ShareBasedCompensation"], "lang": { "en-us": { "role": { "verboseLabel": "Share-Based Compensation", "label": "Share-Based Payment Arrangement [Text Block]", "documentation": "The entire disclosure for share-based payment arrangement." } } }, "auth_ref": ["r740", "r744", "r772", "r773", "r775", "r1258"] }, "nix_DiscountOnPrepaymentTransaction": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DiscountOnPrepaymentTransaction", "crdr": "debit", "calculation": { "http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/InterestExpenseNetDetails"], "lang": { "en-us": { "role": { "terseLabel": "Debt discount/cost amortization", "label": "Discount On Prepayment Transaction", "documentation": "Discount on prepayment transactions" } } }, "auth_ref": [] }, "us-gaap_DisposalGroupNotDiscontinuedOperationGainLossOnDisposal": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupNotDiscontinuedOperationGainLossOnDisposal", "crdr": "credit", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group, Not Discontinued Operation, Gain (Loss) on Disposal", "label": "Disposal Group, Not Discontinued Operation, Gain (Loss) on Disposal", "documentation": "Amount before tax of gain (loss) recognized on the sale or disposal of a disposal group. Excludes discontinued operations." } } }, "auth_ref": ["r554", "r1461", "r1515"] }, "nix_DisposalGroupNotDiscontinuedOperationsGainLossOnWriteDown": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DisposalGroupNotDiscontinuedOperationsGainLossOnWriteDown", "crdr": "debit", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down", "label": "Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down", "documentation": "Disposal Group, Not Discontinued Operations, Gain (Loss) on Write Down" } } }, "auth_ref": [] }, "us-gaap_DisposalGroupsIncludingDiscontinuedOperationsNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisposalGroupsIncludingDiscontinuedOperationsNameDomain", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group Name [Domain]", "label": "Disposal Group Name [Domain]", "documentation": "Name of disposal group." } } }, "auth_ref": ["r1251", "r1254"] }, "nix_DistressedOpportunitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DistressedOpportunitiesMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Distressed Opportunities [Member]", "label": "Distressed Opportunities [Member]", "documentation": "Distressed Opportunities [Member]" } } }, "auth_ref": [] }, "nix_DistributionsToTaxEquityPartners": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DistributionsToTaxEquityPartners", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 16.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Distributions to tax equity partners", "label": "Distributions to Tax Equity Partners", "documentation": "Distributions to Tax Equity Partners" } } }, "auth_ref": [] }, "us-gaap_DividendsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Dividends:", "label": "Dividends [Abstract]" } } }, "auth_ref": [] }, "us-gaap_DividendsCommonStockCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsCommonStockCash", "crdr": "debit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Common stock", "label": "Dividends, Common Stock, Cash", "documentation": "Amount of paid and unpaid common stock dividends declared with the form of settlement in cash." } } }, "auth_ref": ["r168"] }, "us-gaap_DividendsPreferredStockCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsPreferredStockCash", "crdr": "debit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Preferred stock", "label": "Dividends, Preferred Stock, Cash", "documentation": "Amount of paid and unpaid preferred stock dividends declared with the form of settlement in cash." } } }, "auth_ref": ["r10", "r168"] }, "dei_DocumentAnnualReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentAnnualReport", "presentation": ["http://www.nisource.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Document Annual Report", "label": "Document Annual Report", "documentation": "Boolean flag that is true only for a form used as an annual report." }

```
} }, "auth_ref": [ "r1308", "r1309", "r1332" ] }, "dei_DocumentDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentDomain", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document [Domain]", "label": "Document [Domain]", "documentation": "Type of the document as assigned by the filer, corresponding to SEC document naming convention standards." } } }, "auth_ref": [] }, "dei_DocumentFinStmtErrorCorrectionFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFinStmtErrorCorrectionFlag", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Financial Statement Error Correction [Flag]", "label": "Document Financial Statement Error Correction [Flag]", "documentation": "Indicates whether any of the financial statement period in the filing include a restatement due to error correction." } } }, "auth_ref": [ "r1308", "r1309", "r1332", "r1375" ] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Period Focus", "label": "Document Fiscal Period Focus", "documentation": "Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY." } } }, "auth_ref": [] }, "dei_DocumentFiscalYearFocus": { "xbrltype": "gYearItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalYearFocus", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Fiscal Year Focus", "label": "Document Fiscal Year Focus", "documentation": "This is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006." } } }, "auth_ref": [] }, "dei_DocumentInformationDocumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationDocumentAxis", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Information, Document [Axis]", "label": "Document Information, Document [Axis]", "documentation": "The axis of a table defines the relationship between the domain members or categories in the table and the line items or concepts that complete the table." } } }, "auth_ref": [] }, "dei_DocumentInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationLineItems", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Information [Line Items]", "label": "Document Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "dei_DocumentInformationTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentInformationTable", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Information [Table]", "label": "Document Information [Table]", "documentation": "Container to support the formal attachment of each official or unofficial, public or private document as part of a submission package." } } }, "auth_ref": [] }, "dei_DocumentPeriodEndDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentPeriodEndDate", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Period End Date", "label": "Document Period End Date", "documentation": "For the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD." } } }, "auth_ref": [] }, "dei_DocumentTransitionReport": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentTransitionReport", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Transition Report", "label": "Document Transition Report", "documentation": "Boolean flag that is true only for a form used as a transition report." } } }, "auth_ref": [ "r1353" ] }, "dei_DocumentType": { "xbrltype": "submissionTypeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentType", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Document Type", "label": "Document Type", "documentation": "The type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'." } } }, "auth_ref": [] }, "dei_DocumentsIncorporatedByReferenceTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentsIncorporatedByReferenceTextBlock", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Documents Incorporated by Reference [Text Block]", "label": "Documents Incorporated by Reference [Text Block]", "documentation": "Documents incorporated by reference." } } }, "auth_ref": [ "r1306" ] }, "us-gaap_DomesticCountryMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DomesticCountryMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Domestic Tax Jurisdiction", "label": "Domestic Tax Jurisdiction [Member]", "documentation": "Designated federal jurisdiction entitled to levy and collect income tax in country of domicile. Includes, but is not limited to, national jurisdiction for non-U.S. jurisdiction." } } }, "auth_ref": [ "r786" ] }, "nix_DomesticEquitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DomesticEquitiesMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Domestic Equities", "label": "Domestic Equities [Member]", "documentation": "Domestic Equities [Member]" } } }, "auth_ref": [] }, "nix_DueToBrokersNetMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DueToBrokersNetMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Due To Brokers Net [Member]", "label": "Due To Brokers Net [Member]", "documentation": "Due To Brokers Net [Member]" } } }, "auth_ref": [] }, "nix_DunnsBridgeIMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "DunnsBridgeIMember", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Dunns Bridge I", "label": "Dunns Bridge I [Member]", "documentation": "Dunns Bridge I" } } }, "auth_ref": [] }, "ecd_DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "DvddsOrOthrErngsPdOnEqtyAwrdsNtOthrwsRflctdInTtlCompForCvrdYrMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year", "label": "Dividends or Other Earnings Paid on Equity Awards not Otherwise Reflected in Total Compensation for Covered Year [Member]" } } }, "auth_ref": [ "r1364" ] }, "us-gaap_EarningsPerShareAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareAbstract", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share", "label": "Earnings Per Share [Abstract]" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareBasic": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareBasic", "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Basic Earnings Per Share", "label": "Earnings Per Share, Basic", "documentation": "The amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period." } } }, "auth_ref": [ "r333", "r371", "r372", "r373", "r374", "r375", "r376", "r383", "r386", "r405", "r406", "r407", "r411", "r831", "r841", "r878", "r879", "r1011", "r1038", "r1214" ] }, "us-gaap_EarningsPerShareDiluted": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareDiluted", "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Diluted Earnings Per Share", "label": "Earnings Per Share, Diluted", "documentation": "The amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period." } } }, "auth_ref": [ "r333", "r371", "r372", "r373", "r374", "r375", "r376", "r386", "r405", "r406", "r407", "r411", "r831", "r841", "r878", "r879", "r1011", "r1038", "r1214" ] }, "nix_EarningsPerShareLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EarningsPerShareLineItems", "presentation": [ "http://www.nisource.com/role/EarningsPerShareNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share [Line Items]", "label": "Earnings Per Share [Line Items]", "documentation": "Earnings Per Share" } } }, "auth_ref": [] }, "nix_EarningsPerShareTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EarningsPerShareTable", "presentation": [ "http://www.nisource.com/role/EarningsPerShareNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share [Table]", "label": "Earnings Per Share [Table]", "documentation": "Earnings Per Share" } } }, "auth_ref": [] }, "us-gaap_EarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EarningsPerShareTextBlock", "presentation": [ "http://www.nisource.com/role/EarningsPerShare" ], "lang": { "en-us": { "role": { "terseLabel": "Earnings Per Share", "label": "Earnings Per Share [Text Block]", "documentation": "The entire disclosure for earnings per share." } } }, "auth_ref": [ "r382", "r408", "r409", "r410" ] }, "nix_EffectOnTaxRateDueToLegislationsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EffectOnTaxRateDueToLegislationsTable", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Effect On Tax Rate Due To Legislations [Table]", "label": "Effect On Tax Rate Due To Legislations [Table]", "documentation": "Effect On Tax Rate Due To Legislations [Table]" } } }, "auth_ref": [] }, "us-gaap_EffectiveIncomeTaxRateContinuingOperations": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateContinuingOperations", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Effective Income Tax Rate Reconciliation, Percent", "totalLabel": "Income Taxes, rate", "label": "Effective Income Tax Rate Reconciliation, Percent", "documentation": "Percentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": [ "r786", "r1261" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationAtFederalStatutoryIncomeTaxRate", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent", "verboseLabel": "Tax expense (benefit) at statutory federal income tax rate, rate", "label": "Effective Income Tax Rate Reconciliation, at Federal Statutory Income Tax Rate, Percent", "documentation": "Percentage of domestic federal statutory tax rate applicable to pretax income (loss)." } } }, "auth_ref": [ "r350", "r786", "r817", "r1261" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationDeductionsEmployeeStockOwnershipPlanDividends": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationDeductionsEmployeeStockOwnershipPlanDividends", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": -1.0, "order": 7.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Employee stock ownership plan dividends and other compensation, rate", "label": "Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to deduction for dividend paid to employee stock ownership plan." } } }, "auth_ref": [ "r1466", "r1633", "r1634" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationDeductionsOther": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationDeductionsOther", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": -1.0, "order": 6.0 } }, "lang": { "en-us": { "role": { "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to other deductions." } } }, "auth_ref": [ "r1466", "r1633", "r1634" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationMinorityInterestIncomeExpense": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationMinorityInterestIncomeExpense", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Percent", "label": "Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to noncontrolling interest income (loss) exempt from income taxes." } } }, "auth_ref": [ "r1466", "r1633", "r1634" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationNondeductibleExpense": {
```

```
"xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationNondeductibleExpense", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Fines and penalties, rate", "label": "Effective Income Tax Rate Reconciliation, Nondeductible Expense, Percent", "documentation": "Percentage of the difference between
reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income
(loss) from continuing operations attributable to nondeductible expenses." } } }, "auth_ref": [ "r791", "r792", "r1466", "r1633" ] }, "us-
gaap_EffectiveIncomeTaxRateReconciliationNondeductibleExpenseDepreciation": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EffectiveIncomeTaxRateReconciliationNondeductibleExpenseDepreciation", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": {
"negatedTerseLabel": "Amortization of regulatory liabilities, rate", "terseLabel": "Amortization of regulatory liabilities, rate", "label": "Effective Income Tax Rate
Reconciliation, Nondeductible Expense, Depreciation, Percent", "documentation": "Percentage of the difference between reported income tax expense (benefit) and expected
income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to
depreciation." } } }, "auth_ref": [ "r1466", "r1633", "r1635" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationNondeductibleExpenseImpairmentLosses": { "xbrltype":
"percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationNondeductibleExpenseImpairmentLosses", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 4.0 } }, "lang": { "en-us": { "role": { "documentation": "Percentage of the difference between
reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income
(loss) from continuing operations attributable to impairment loss." } } }, "auth_ref": [ "r1261", "r1466", "r1633", "r1635" ] }, "us-
gaap_EffectiveIncomeTaxRateReconciliationOtherAdjustments": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EffectiveIncomeTaxRateReconciliationOtherAdjustments", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 10.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": {
"negatedTerseLabel": "Other adjustments, rate", "terseLabel": "Other adjustments, rate", "label": "Effective Income Tax Rate Reconciliation, Other Adjustments, Percent",
"documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic
federal statutory income tax rates to pretax income (loss) from continuing operations attributable to other adjustments." } } }, "auth_ref": [ "r1261", "r1466", "r1633", "r1634"
] }, "us-gaap_EffectiveIncomeTaxRateReconciliationOtherReconcilingItemsPercent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EffectiveIncomeTaxRateReconciliationOtherReconcilingItemsPercent", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 11.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"State regulatory proceedings, rate", "label": "Effective Income Tax Rate Reconciliation, Other Reconciling Items, Percent", "documentation": "Percentage of reported income
tax benefit (expense) from difference to income tax expense (benefit) computed by applying statutory federal (national) income tax rate to pretax income (loss) from
continuing operation, attributable to other reconciling items. Excludes state and local income tax expense (benefit), federal tax expense (benefit), statutory income tax
expense (benefit) outside of country of domicile, tax credit, nondeductible expense, deduction, income tax settlement, income tax contingency, and cross-border tax law." } }
}, "auth_ref": [ "r1634" ] }, "us-gaap_EffectiveIncomeTaxRateReconciliationStateAndLocalIncomeTaxes": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EffectiveIncomeTaxRateReconciliationStateAndLocalIncomeTaxes", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"State income taxes, net of federal income tax benefit, rate", "label": "Effective Income Tax Rate Reconciliation, State and Local Income Taxes, Percent", "documentation":
"Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory
income tax rates to pretax income (loss) from continuing operations applicable to state and local income tax expense (benefit), net of federal tax expense (benefit)." } } },
"auth_ref": [ "r789", "r1261", "r1466", "r1633" ] }, "nix_EffectiveIncomeTaxRateReconciliationTaxAccrualAdjustmentsAmount": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "EffectiveIncomeTaxRateReconciliationTaxAccrualAdjustmentsAmount", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Effective Income Tax Rate Reconciliation Tax Accrual Adjustments", "label": "Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Amount", "documentation":
"Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Amount" } } }, "auth_ref": [] },
"nix_EffectiveIncomeTaxRateReconciliationTaxAccrualAdjustmentsPercent": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EffectiveIncomeTaxRateReconciliationTaxAccrualAdjustmentsPercent", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Percent", "label": "Effective Income Tax Rate Reconciliation, Tax Accrual
Adjustments, Percent", "documentation": "Effective Income Tax Rate Reconciliation, Tax Accrual Adjustments, Percent" } } }, "auth_ref": [] }, "us-
gaap_EffectiveIncomeTaxRateReconciliationTaxCredits": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EffectiveIncomeTaxRateReconciliationTaxCredits", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-
gaap_EffectiveIncomeTaxRateContinuingOperations", "weight": -1.0, "order": 9.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": {
"negatedTerseLabel": "Effective Income Tax Rate Reconciliation, Tax Credit, Percent", "label": "Effective Income Tax Rate Reconciliation, Tax Credit, Percent",
"documentation": "Percentage of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic
federal statutory income tax rates to pretax income (loss) from continuing operations attributable to tax credits, including, but not limited to, research credit, foreign tax
credit, investment tax credit, and other tax credits." } } }, "auth_ref": [ "r790", "r792", "r1466", "r1633" ] }, "nix_ElectricOperationsMember": { "xbrltype": "domainItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "ElectricOperationsMember", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails
"http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Electric Operations", "label": "Electric Operations [Member]", "documentation": "Electric Operations." } } }, "auth_ref": [] },
"nix_ElectricUtilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ElectricUtilityMember", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Electric Utility",
"label": "Electric Utility [Member]", "documentation": "Electric utility" } } }, "auth_ref": [] }, "us-gaap_EmployeeRelatedLiabilitiesCurrent": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeRelatedLiabilitiesCurrent", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel": "Accrued compensation and employee benefits", "label": "Employee-
related Liabilities, Current", "documentation": "Total of the carrying values as of the balance sheet date of obligations incurred through that date and payable for obligations
related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. Used to reflect the current portion of the liabilities (due
within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r119" ] }, "us-
gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Unrecognized compensation cost related to
nonvested awards", "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount", "documentation": "Amount of cost not yet recognized
for nonvested award under share-based payment arrangement." } } }, "auth_ref": [ "r774" ] }, "us-
gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "durationItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Weighted-average remaining requisite service
period, years", "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition", "documentation": "Weighted-average period
over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D'
represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r774" ] }, "us-
gaap_EmployeeServiceShareBasedCompensationTaxBenefitFromCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "EmployeeServiceShareBasedCompensationTaxBenefitFromCompensationExpense", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Related tax benefits", "label": "Share-Based Payment
Arrangement, Expense, Tax Benefit", "documentation": "Amount of tax benefit for recognition of expense of award under share-based payment arrangement." } } }, "auth_ref":
[ "r771" ] }, "us-gaap_EmployeeServiceShareBasedCompensationTaxBenefitFromExerciseOfStockOptions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EmployeeServiceShareBasedCompensationTaxBenefitFromExerciseOfStockOptions", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Share-Based Payment Arrangement, Exercise of
Option, Tax Benefit", "label": "Share-Based Payment Arrangement, Exercise of Option, Tax Benefit", "documentation": "Amount of tax benefit from exercise of option under
share-based payment arrangement." } } }, "auth_ref": [ "r237" ] }, "us-gaap_EmployeeStockOptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EmployeeStockOptionMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel":
"Employee Stock Option", "label": "Share-Based Payment Arrangement, Option [Member]", "documentation": "Share-based payment arrangement granting right, subject to
vesting and other restrictions, to purchase or sell certain number of shares at predetermined price for specified period of time." } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments Due", "label": "Energy Commodity Contracts, Future Minimum Payments Due", "documentation": "Energy
Commodity Contracts, Future Minimum Payments Due" } } }, "auth_ref": [] }, "nix_EnergyCommodityContractsFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EnergyCommodityContractsFutureMinimumPaymentsDueNextTwelveMonths", "crdr":
"credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
```

```
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months", "label": "Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve
Months", "documentation": "Energy Commodity Contracts, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments, Due Thereafter", "label": "Energy Commodity Contracts, Future Minimum Payments, Due Thereafter",
"documentation": "Energy Commodity Contracts, Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments, Due in Five Years", "label": "Energy Commodity Contracts, Future Minimum Payments, Due in Five Years",
"documentation": "Energy Commodity Contracts, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDueinFourYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments, Due in Four Years", "label": "Energy Commodity Contracts, Future Minimum Payments, Due in Four Years",
"documentation": "Energy Commodity Contracts, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDueinThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments, Due in Three Years", "label": "Energy Commodity Contracts, Future Minimum Payments, Due in Three Years",
"documentation": "Energy Commodity Contracts, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] },
"nix_EnergyCommodityContractsFutureMinimumPaymentsDueinTwoYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EnergyCommodityContractsFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Energy Commodity Contracts, Future Minimum Payments, Due in Two Years", "label": "Energy Commodity Contracts, Future Minimum Payments, Due in Two Years",
"documentation": "Energy Commodity Contracts, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] }, "us-gaap_EnergyRelatedInventoryCoal": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EnergyRelatedInventoryCoal", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Electric production fuel, at average cost", "label": "Energy Related
Inventory, Coal", "documentation": "Carrying amount as of the balance sheet date of coal, which is a combustible rock or minerals which are extracted from the ground and
used as fuel." } } }, "auth_ref": [ "r1451" ] }, "us-gaap_EnergyRelatedInventoryNaturalGasInStorage": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EnergyRelatedInventoryNaturalGasInStorage", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": {
"parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role":
{ "verboseLabel": "Gas inventory", "label": "Energy Related Inventory, Natural Gas in Storage", "documentation": "Carrying amount as of the balance sheet date of natural gas
in storage, which is a mixture of gases (liquefied or otherwise), used for fuel and manufacturing purposes, which is ready for sale." } } }, "auth_ref": [ "r1451" ] },
"dei_EntityAddressAddressLine1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation":
[ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, Address Line One", "label": "Entity Address,
Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype":
"normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, City or Town", "label": "Entity Address, City or
Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-
us": { "role": { "terseLabel": "Entity Address, Postal Zip Code", "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref":
[] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince",
"presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Address, State or Province", "label":
"Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype":
"centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Central Index Key", "label": "Entity Central Index Key",
"documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": [
"r1305" ] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname":
"EntityCommonStockSharesOutstanding", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel":
"Entity Common Stock, Shares Outstanding", "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of
each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist
define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the
Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-
us": { "role": { "terseLabel": "Entity Current Reporting Status", "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1)
have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that
registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's
current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityDomain": { "xbrltype": "domainItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "EntityDomain", "presentation": [ "http://www.nisource.com/role/AuditInformation",
"http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails",
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails",
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails",
"http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails",
"http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Entity [Domain]", "label":
"Entity [Domain]", "documentation": "All the names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some
examples of such structures are corporations, partnerships, limited liability companies, grantor trusts, and other trusts. This item does not include business and geographical
segments which are included in the geographical or business segments domains." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype":
"booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Emerging Growth Company", "label": "Entity Emerging
Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": [ "r1305" ] }, "dei_EntityFileNumber": { "xbrltype":
"fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity File Number", "label": "Entity File Number",
"documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional
suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": {
"role": { "terseLabel": "Entity Filer Category", "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated
Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the
registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [ "r1305" ] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype":
"edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Incorporation, State or Country Code", "label": "Entity
Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] },
"dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Interactive Data Current", "label": "Entity Interactive Data
Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule
405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": [ "r1415" ] },
"dei_EntityPublicFloat": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityPublicFloat", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Public Float", "label": "Entity Public Float",
"documentation": "The aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common
equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter." }
} }, "auth_ref": [] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName",
"presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Registrant Name", "label": "Entity
Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref":
[ "r1305" ] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Shell Company", "label": "Entity Shell Company",
```

```
"documentation": "Boolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act." } } }, "auth_ref": [ "r1305" ] },
"dei_EntitySmallBusiness": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntitySmallBusiness", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Small Business", "label": "Entity Small Business",
"documentation": "Indicates that the company is a Smaller Reporting Company (SRC)." } } }, "auth_ref": [ "r1305" ] }, "dei_EntityTaxIdentificationNumber": { "xbrltype":
"employerIdItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityTaxIdentificationNumber", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Tax Identification Number", "label": "Entity Tax
Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned
by the IRS." } } }, "auth_ref": [ "r1305" ] }, "dei_EntityVoluntaryFilers": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname":
"EntityVoluntaryFilers", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Voluntary
Filers", "label": "Entity Voluntary Filers", "documentation": "Indicate 'Yes' or 'No' if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the
Act." } } }, "auth_ref": [] }, "dei_EntityWellKnownSeasonedIssuer": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname":
"EntityWellKnownSeasonedIssuer", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Entity Well-
known Seasoned Issuer", "label": "Entity Well-known Seasoned Issuer", "documentation": "Indicate 'Yes' or 'No' if the registrant is a well-known seasoned issuer, as defined in
Rule 405 of the Securities Act. Is used on Form Type: 10-K, 10-Q, 8-K, 20-F, 6-K, 10-K/A, 10-Q/A, 20-F/A, 6-K/A, N-CSR, N-Q, N-1A." } } }, "auth_ref": [ "r1416" ] }, "us-
gaap_EnvironmentalCostsPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EnvironmentalCostsPolicy", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Environmental
Expenditures", "label": "Environmental Costs, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for obligations that resulted from improper or
other-than normal operation of a long-lived asset in the past. This accounting policy may address (1) whether the related remediation costs are expensed or capitalized, (2)
whether the obligation is measured on a discounted basis, (3) the event, situation, or set of circumstances that generally triggers recognition of loss contingencies arising
from the entity's environmental remediation-related obligations, and (4) the timing of recognition of any recoveries." } } }, "auth_ref": [ "r566", "r567", "r580", "r1232",
"r1419" ] }, "us-gaap_EnvironmentalRestorationCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EnvironmentalRestorationCostsMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Environmental Costs", "label": "Environmental Restoration Costs [Member]", "documentation": "Rate action of a regulator resulting in capitalization or accrual
of costs associated with site remediation or other environmental exit costs that may occur on the sale, disposal, abandonment or decommissioning of a property." } } },
"auth_ref": [ "r215" ] }, "ecd_EqtyAwrdsAdjFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjFnTextBlock",
"presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Awards Adjustments, Footnote", "label": "Equity Awards
Adjustments, Footnote [Text Block]" } } }, "auth_ref": [ "r1358" ] }, "ecd_EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember": { "xbrltype": "domainItemType",
"nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjsExclgValRprtdInSummryCompstnTblMember", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Awards Adjustments, Excluding Value Reported in Compensation Table",
"label": "Equity Awards Adjustments, Excluding Value Reported in the Compensation Table [Member]" } } }, "auth_ref": [ "r1411" ] }, "ecd_EqtyAwrdsAdjsMember": {
"xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EqtyAwrdsAdjsMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ],
"lang": { "en-us": { "role": { "terseLabel": "Equity Awards Adjustments", "label": "Equity Awards Adjustments [Member]" } } }, "auth_ref": [ "r1411" ] },
"ecd_EqtyAwrdsInSummryCompstnTblForAplblYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"EqtyAwrdsInSummryCompstnTblForAplblYrMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate
Grant Date Fair Value of Equity Award Amounts Reported in Summary Compensation Table", "label": "Aggregate Grant Date Fair Value of Equity Award Amounts Reported in
Summary Compensation Table [Member]" } } }, "auth_ref": [ "r1411" ] }, "us-gaap_EquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "EquityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Equity [Abstract]", "label": "Equity [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": [
"http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails",
"http://www.nisource.com/role/DocumentAndEntityInformation", "http://www.nisource.com/role/EarningsPerShareNarrativeDetails",
"http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity",
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Component", "label": "Equity
Component [Domain]", "documentation": "Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury
stock, retained earnings, etc." } } }, "auth_ref": [ "r19", "r286", "r327", "r328", "r329", "r360", "r361", "r362", "r367", "r375", "r377", "r379", "r414", "r497", "r505", "r553",
"r635", "r812", "r813", "r826", "r827", "r828", "r832", "r840", "r841", "r857", "r859", "r860", "r861", "r862", "r865", "r877", "r903", "r905", "r906", "r907", "r908", "r909",
"r915", "r918", "r943", "r1035", "r1063", "r1064", "r1065", "r1088", "r1159" ] }, "us-gaap_EquitySecuritiesByIndustryAxis": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesByIndustryAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Industry Sector [Axis]", "label": "Industry Sector
[Axis]", "documentation": "Information by industry sector, examples include but are not limited to, commercial, industrial, agricultural, financial services, technology,
healthcare and real estate." } } }, "auth_ref": [ "r1103", "r1106", "r1109", "r1167", "r1172", "r1176", "r1187", "r1227", "r1265", "r1267", "r1268", "r1290" ] }, "us-
gaap_EquitySecuritiesByInvestmentObjectiveAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"EquitySecuritiesByInvestmentObjectiveAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Investment Objective [Axis]", "label": "Investment
Objective [Axis]", "documentation": "Information by investment objective." } } }, "auth_ref": [ "r676", "r1249" ] }, "us-gaap_EquitySecuritiesIndustryMember": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesIndustryMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Industry Sector [Domain]", "label": "Industry
Sector [Domain]", "documentation": "Industry sector consisting of government, private and corporate entities engaged in business activities, including but not limited to,
commercial, industrial, agricultural, financial services, technology, healthcare and real estate." } } }, "auth_ref": [ "r1103", "r1106", "r1109", "r1167", "r1172", "r1176",
"r1187", "r1265", "r1267", "r1268", "r1290" ] }, "us-gaap_EquitySecuritiesInvestmentObjectiveMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "EquitySecuritiesInvestmentObjectiveMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Investment Objective [Domain]", "label":
"Investment Objective [Domain]", "documentation": "Objective of investment." } } }, "auth_ref": [ "r676", "r1249" ] }, "us-gaap_EquitySecuritiesMember": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquitySecuritiesMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity
Securities [Member]", "label": "Equity Securities [Member]", "documentation": "Ownership interest or right to acquire or dispose of ownership interest in corporations and
other legal entities for which ownership interest is represented by shares of common or preferred stock, convertible securities, stock rights, or stock warrants." } } },
"auth_ref": [ "r49", "r1278", "r1298", "r1299", "r1300", "r1724" ] }, "nix_EquityTaxPartnerMember": { "xbrltype": "domainItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "EquityTaxPartnerMember", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ],
"lang": { "en-us": { "role": { "terseLabel": "Equity tax partner", "label": "Equity tax partner [Member]", "documentation": "Equity tax partner" } } }, "auth_ref": [] },
"nix_EquityUnitsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EquityUnitsAbstract", "lang": { "en-us": { "role": {
"label": "Equity Units [Abstract]", "documentation": "Equity Units" } } }, "auth_ref": [] }, "nix_EquityUnitsCompenentsAxis": { "xbrltype": "stringItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "EquityUnitsCompenentsAxis", "presentation": [ "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Equity Units Compenents [Axis]", "label": "Equity Units Compenents [Axis]", "documentation": "Equity Units Compenents" } } },
"auth_ref": [] }, "nix_EquityUnitsCompenentsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EquityUnitsCompenentsDomain", "presentation": [ "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity
Units Compenents [Domain]", "label": "Equity Units Compenents [Domain]", "documentation": "Equity Units Compenents [Domain]" } } }, "auth_ref": [] },
"nix_EquityUnitsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EquityUnitsLineItems", "presentation": [
"http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Units [Line Items]", "label": "Equity Units [Line
Items]", "documentation": "Equity Units [Line Items]" } } }, "auth_ref": [] }, "nix_EquityUnitsMember": { "xbrltype": "domainItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "EquityUnitsMember", "presentation": [ "http://www.nisource.com/role/EarningsPerShareNarrativeDetails" ], "lang": { "en-
us": { "role": { "terseLabel": "Equity Units [Member]", "label": "Equity Units [Member]", "documentation": "Equity Units" } } }, "auth_ref": [] },
"nix_EquityUnitsStockPurchaseContractLiabilityPayment": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"EquityUnitsStockPurchaseContractLiabilityPayment", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Units Stock Purchase Contract Liability Payment",
"label": "Equity Units Stock Purchase Contract Liability Payment", "documentation": "Equity Units Stock Purchase Contract Liability Payment" } } }, "auth_ref": [] },
"nix_EquityUnitsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EquityUnitsTable", "presentation": [
"http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Units [Table]", "label": "Equity Units [Table]",
"documentation": "Equity Units" } } }, "auth_ref": [] }, "nix_EquityUnitsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "EquityUnitsTableTextBlock", "presentation": [ "http://www.nisource.com/role/EquityTables" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Units", "label":
"Equity Units [Table Text Block]", "documentation": "Equity Units" } } }, "auth_ref": [] }, "ecd_EquityValuationAssumptionDifferenceFnTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "EquityValuationAssumptionDifferenceFnTextBlock", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Valuation Assumption Difference, Footnote", "label": "Equity Valuation
Assumption Difference, Footnote [Text Block]" } } }, "auth_ref": [ "r1368" ] }, "ecd_ErrCompAnalysisTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompAnalysisTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": {
"terseLabel": "Erroneous Compensation Analysis", "label": "Erroneous Compensation Analysis [Text Block]" } } }, "auth_ref": [ "r1325", "r1336", "r1346", "r1379" ] },
"ecd_ErrCompRecoveryTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ErrCompRecoveryTable", "presentation": [
"http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Erroneously Awarded Compensation Recovery", "label": "Erroneously Awarded
Compensation Recovery [Table]" } } }, "auth_ref": [ "r1322", "r1333", "r1343", "r1376" ] }, "nix_EstimatedMaximumDisgorgementExposure": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "EstimatedMaximumDisgorgementExposure", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Estimated Maximum Disgorgement
Exposure", "label": "Estimated Maximum Disgorgement Exposure", "documentation": "Estimated Maximum Disgorgement Exposure" } } }, "auth_ref": [] }, "us-
gaap_ExcessOfReplacementOrCurrentCostsOverStatedLIFOValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ExcessOfReplacementOrCurrentCostsOverStatedLIFOValue", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Excess
of replacement over LIFO value", "label": "Excess of Replacement or Current Costs over Stated LIFO Value", "documentation": "The excess of replacement or current cost over
the stated LIFO (last in first out) inventory value when the LIFO inventory method is utilized." } } }, "auth_ref": [ "r308" ] }, "nix_ExcessTaxExpenseShareBasedCompensation":
{ "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ExcessTaxExpenseShareBasedCompensation", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Excess Tax Expense - Share Based Compensation",
"label": "Excess Tax Expense - Share Based Compensation", "documentation": "Excess Tax Expense - Share Based Compensation" } } }, "auth_ref": [] },
"nix_ExchangeGasPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ExchangeGasPayable", "crdr": "credit",
```

```
"calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Exchange gas payable", "label": "Exchange gas payable",
"documentation": "Exchange gas payable" } } }, "auth_ref": [] }, "nix_ExchangeGasReceivable": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ExchangeGasReceivable", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": {
"parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role":
{ "verboseLabel": "Exchange gas receivable", "label": "Exchange gas receivable", "documentation": "Exchange gas receivable." } } }, "auth_ref": [] }, "us-
gaap_ExciseAndSalesTaxes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ExciseAndSalesTaxes", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Excise and Sales Taxes", "label": "Excise and Sales Taxes",
"documentation": "The amount of excise and sales taxes included in sales and revenues, which are then deducted as a cost of sales. Includes excise taxes, which are applied to
specific types of transactions or items (such as gasoline or alcohol); and sales, use and value added taxes, which are applied to a broad class of revenue-producing transactions
involving a wide range of goods and services." } } }, "auth_ref": [ "r330" ] }, "nix_ExciseTaxesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ExciseTaxesPolicyTextBlock", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Excise Taxes", "label":
"Excise Taxes [Policy Text Block]", "documentation": "Excise taxes [Policy Text Block]" } } }, "auth_ref": [] }, "ecd_ExecutiveCategoryAxis": { "xbrltype": "stringItemType",
"nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ExecutiveCategoryAxis", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": {
"terseLabel": "Executive Category:", "label": "Executive Category [Axis]" } } }, "auth_ref": [ "r1374" ] }, "us-
gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisLineItems", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value
Assets And Liabilities Measured On Recurring Basis [Line Items]", "label": "Fair Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Line Items]",
"documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members
defined in one or many axes to the table." } } }, "auth_ref": [ "r881", "r882", "r890", "r1265" ] }, "us-
gaap_FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueAssetsAndLiabilitiesMeasuredOnRecurringAndNonrecurringBasisTable", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair
Value, Assets and Liabilities Measured on Recurring and Nonrecurring Basis [Table]", "label": "Fair Value, Recurring and Nonrecurring [Table]", "documentation": "Disclosure
of information about asset and liability measured at fair value on recurring and nonrecurring basis." } } }, "auth_ref": [ "r881", "r882", "r890", "r1265" ] }, "us-
gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueByFairValueHierarchyLevelAxis", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/FairValueNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Fair Value of Plan Assets by
Measurement [Axis]", "verboseLabel": "Fair Value Hierarchy and NAV [Axis]", "label": "Fair Value Hierarchy and NAV [Axis]", "documentation": "Information by level within
fair value hierarchy and fair value measured at net asset value per share as practical expedient." } } }, "auth_ref": [ "r607", "r679", "r680", "r681", "r682", "r683", "r684",
"r880", "r882", "r883", "r884", "r885", "r889", "r890", "r892", "r955", "r956", "r957", "r1235", "r1236", "r1247", "r1248", "r1249", "r1265", "r1268" ] }, "us-
gaap_FairValueByMeasurementFrequencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueByMeasurementFrequencyAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Measurement Frequency [Axis]", "label": "Measurement Frequency [Axis]", "documentation": "Information by measurement frequency." } } }, "auth_ref": [ "r881", "r882",
"r883", "r885", "r1265", "r1651", "r1662" ] }, "nix_FairValueDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"FairValueDisclosureLineItems", "presentation": [ "http://www.nisource.com/role/FairValueNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Disclosure
[Line Items]", "label": "Fair Value Disclosure [Line Items]", "documentation": "Fair Value Disclosure [Line Items]" } } }, "auth_ref": [] }, "us-
gaap_FairValueDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresAbstract", "lang": { "en-us": {
"role": { "terseLabel": "Fair Value Disclosures [Abstract]", "label": "Fair Value Disclosures [Abstract]" } } }, "auth_ref": [] }, "us-gaap_FairValueDisclosuresTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": [
"http://www.nisource.com/role/FairValue" ], "lang": { "en-us": { "role": { "verboseLabel": "Fair Value", "label": "Fair Value Disclosures [Text Block]", "documentation": "The
entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of
those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities
would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value,
disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount, effective interest rate, and maturity, and (b) the reasons why it is not
practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a
concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security
and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market
risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value
measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the
election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the
balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired
information." } } }, "auth_ref": [ "r886", "r887", "r888", "r889", "r892", "r894", "r895", "r896", "r897", "r1006", "r1265", "r1269" ] }, "us-
gaap_FairValueInputsLevel12And3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel12And3Member",
"presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Fair Value, Inputs, Level 1, 2 and 3", "label": "Fair Value, Inputs, Level 1, Level 2, and Level 3 [Member]", "documentation": "Fair value measurement
input including quoted price in active market for identical asset or liability reporting entity can access at measurement date (level 1), input other than quoted price included
within level 1 either directly or indirectly observable for asset or liability (level 2) and unobservable input reflecting entity's own assumption (level 3)." } } }, "auth_ref": [
"r1265", "r1564", "r1649", "r1660" ] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueInputsLevel1Member", "presentation": [ "http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Quoted
Prices In Active Markets For Identical Assets (Level 1) [Member]", "label": "Fair Value, Inputs, Level 1 [Member]", "documentation": "Quoted prices in active markets for
identical assets or liabilities that the reporting entity can access at the measurement date." } } }, "auth_ref": [ "r607", "r679", "r684", "r882", "r890", "r955", "r1247", "r1248",
"r1249", "r1265" ] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueInputsLevel2Member", "presentation": [ "http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Significant Other Observable Inputs (Level 2) [Member]", "label": "Fair Value, Inputs, Level 2 [Member]", "documentation": "Inputs other than quoted prices included within
level 1 that are observable for an asset or liability, either directly or indirectly, including, but not limited to, quoted prices for similar assets or liabilities in active markets, or
quoted prices for identical or similar assets or liabilities in inactive markets." } } }, "auth_ref": [ "r607", "r679", "r684", "r882", "r883", "r890", "r956", "r1235", "r1236",
"r1247", "r1248", "r1249", "r1265" ] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueInputsLevel3Member", "presentation": [ "http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/FairValueNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Significant Unobservable Inputs (Level 3) [Member]", "label": "Fair Value, Inputs, Level 3 [Member]", "documentation": "Unobservable inputs that reflect the entity's own
assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": [ "r607", "r679", "r680", "r681", "r682", "r683", "r684", "r882", "r883", "r884",
"r885", "r890", "r957", "r1235", "r1236", "r1247", "r1248", "r1249", "r1265", "r1269" ] }, "us-
gaap_FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareInvestmentRedemptionFrequency": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareInvestmentRedemptionFrequency", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value,
Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Frequency", "label": "Fair Value, Investments, Entities that Calculate Net Asset Value
Per Share, Investment Redemption, Frequency", "documentation": "States the frequency (for example, annually, semi-annually, quarterly) with which the entity can redeem its
investment, or portion thereof, for each of those certain investments for which net asset value per share is calculated (including by unit, membership interest, or other equity
(ownership interest) unit measure) (alternative investments), by major category." } } }, "auth_ref": [ "r1264", "r1269" ] }, "us-
gaap_FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareInvestmentRedemptionNoticePeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareInvestmentRedemptionNoticePeriod1", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value,
Investments, Entities that Calculate Net Asset Value Per Share, Investment Redemption, Notice Period", "label": "Fair Value, Investments, Entities that Calculate Net Asset
Value Per Share, Investment Redemption, Notice Period" "documentation": "Notice period the entity is required to deliver before it can redeem an investment calculated
using net asset value per share, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes,
but is not limited to, investments calculated by per unit, per membership interest, other equity or ownership interest and alternative investments." } } }, "auth_ref": [ "r1264",
"r1269" ] }, "us-gaap_FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareUnfundedCommittments": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "FairValueInvestmentsEntitiesThatCalculateNetAssetValuePerShareUnfundedCommittments", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value,
Investments, Entities that Calculate Net Asset Value Per Share, Unfunded Commitments", "label": "Fair Value, Investments, Entities that Calculate Net Asset Value Per Share,
Unfunded Commitments", "documentation": "The amount of unfunded commitments for which the entity is obligated, to those certain investments for which net asset value
per share is calculated (including by unit, membership interest, or other equity (ownership interest) unit measure) (alternative investments)." } } }, "auth_ref": [ "r893",
"r1269" ] }, "us-gaap_FairValueMeasurementFrequencyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FairValueMeasurementFrequencyDomain", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Measurement Frequency [Domain]", "label": "Measurement Frequency [Domain]", "documentation": "Measurement frequency." } } }, "auth_ref": [ "r881", "r882", "r883",
"r885", "r1265", "r1651", "r1662" ] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": [
"http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails",
"http://www.nisource.com/role/FairValueNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
```

```
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Hierarchy and NAV [Domain]",
"verboseLabel": "Fair Value Plan Asset Measurement [Domain]", "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs
to valuation techniques to measure fair value." } } }, "auth_ref": [ "r607", "r679", "r680", "r681", "r682", "r683", "r684", "r880", "r882", "r883", "r884", "r885", "r889", "r890",
"r892", "r955", "r956", "r957", "r1235", "r1236", "r1247", "r1248", "r1249", "r1265", "r1268" ] }, "us-gaap_FairValueMeasurementsRecurringMember": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsRecurringMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair
Value, Recurring", "label": "Fair Value, Recurring [Member]", "documentation": "Frequent fair value measurement. Includes, but is not limited to, fair value adjustment for
impairment of asset, liability or equity, frequently measured at fair value." } } }, "auth_ref": [ "r1265", "r1648", "r1649", "r1650", "r1651", "r1652", "r1662" ] }, "us-
gaap_FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputsReconciliationPeriodIncreaseDecrease": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "FairValueNetDerivativeAssetLiabilityMeasuredOnRecurringBasisUnobservableInputsReconciliationPeriodIncreaseDecrease",
"presentation": [ "http://www.nisource.com/role/FairValueNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value, Net Derivative Asset (Liability) Measured
on Recurring Basis, Unobservable Inputs Reconciliation, Period Increase (Decrease)", "label": "Fair Value, Net Derivative Asset (Liability) Measured on Recurring Basis,
Unobservable Inputs Reconciliation, Period Increase (Decrease)", "documentation": "Amount of increase (decrease) of financial instrument classified as a derivative asset
(liability) after deduction of derivative liability (asset), measured using unobservable inputs that reflect the entity's own assumption about the assumptions market
participants would use in pricing." } } }, "auth_ref": [ "r891", "r1653" ] }, "us-
gaap_FairValuesDerivativesBalanceSheetLocationByDerivativeContractTypeByHedgingDesignationTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "FairValuesDerivativesBalanceSheetLocationByDerivativeContractTypeByHedgingDesignationTable", "presentation": [
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Fair Values Derivatives, Balance Sheet Location, by Derivative Contract Type [Table]", "label": "Fair Values Derivatives, Balance Sheet Location, by Derivative
Contract Type [Table]", "documentation": "Disclosure of information about location and fair value of derivative instrument and nonderivative instrument designated as
hedging instrument." } } }, "auth_ref": [ "r96", "r98", "r104" ] }, "nix_FederalLossesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "FederalLossesMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Federal
losses", "label": "Federal losses [Member]", "documentation": "Federal losses" } } }, "auth_ref": [] }, "nix_FederalOtherCreditMember": { "xbrltype": "domainItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "FederalOtherCreditMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Federal other credit", "label": "Federal other credit [Member]", "documentation": "Federal other credit" } } }, "auth_ref": [] },
"nix_FederalProductionTaxCreditsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"FederalProductionTaxCreditsMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Federal
production tax credits", "label": "Federal production tax credits [Member]", "documentation": "Federal production tax credits" } } }, "auth_ref": [] },
"nix_FinanceLeaseCostTotal": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "FinanceLeaseCostTotal", "crdr": "debit",
"presentation": [ "http://www.nisource.com/role/LeasesLeaseCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total finance lease cost", "label": "Finance Lease, Cost
Total", "documentation": "Finance Lease, Cost Total" } } }, "auth_ref": [] }, "us-gaap_FinanceLeaseInterestExpense": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseInterestExpense", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseCostDetails",
"http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cash paid for interest on finance leases", "label":
"Finance Lease, Interest Expense", "documentation": "Amount of interest expense on finance lease liability." } } }, "auth_ref": [ "r922", "r928", "r1276" ] }, "us-
gaap_FinanceLeaseInterestPaymentOnLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FinanceLeaseInterestPaymentOnLiability", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseInformationDetails",
"http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Interest Payment on Liability", "label":
"Finance Lease, Interest Payment on Liability", "documentation": "Amount of interest paid on finance lease liability." } } }, "auth_ref": [ "r924", "r930" ] }, "us-
gaap_FinanceLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiability", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us":
{ "role": { "terseLabel": "Finance Lease, Liability", "label": "Finance Lease, Liability", "documentation": "Present value of lessee's discounted obligation for lease payments
from finance lease." } } }, "auth_ref": [ "r920", "r934" ] }, "us-gaap_FinanceLeaseLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "FinanceLeaseLiabilityCurrent", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Liability, Current", "label": "Finance
Lease, Liability, Current", "documentation": "Present value of lessee's discounted obligation for lease payments from finance lease, classified as current." } } }, "auth_ref": [
"r920" ] }, "us-gaap_FinanceLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "FinanceLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList", "presentation": [
"http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Liability, Current, Statement of
Financial Position [Extensible List]", "label": "Finance Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line
item in statement of financial position that includes current finance lease liability." } } }, "auth_ref": [ "r921" ] }, "us-gaap_FinanceLeaseLiabilityNoncurrent": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityNoncurrent", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Finance Lease, Liability, Noncurrent", "label": "Finance Lease, Liability, Noncurrent", "documentation": "Present value of lessee's discounted obligation for
lease payments from finance lease, classified as noncurrent." } } }, "auth_ref": [ "r920" ] }, "us-
gaap_FinanceLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "FinanceLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList", "presentation": [
"http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Liability, Noncurrent, Statement of
Financial Position [Extensible List]", "label": "Finance Lease, Liability, Noncurrent, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates
line item in statement of financial position that includes noncurrent finance lease liability." } } }, "auth_ref": [ "r921" ] }, "us-gaap_FinanceLeaseLiabilityPaymentsDue": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 2.0 }, "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails": {
"parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Liability,
Payment, Due", "verboseLabel": "Finance Leases, Future Minimum Payments Due", "label": "Finance Lease, Liability, to be Paid", "documentation": "Amount of lessee's
undiscounted obligation for lease payments for finance lease." } } }, "auth_ref": [ "r934" ] }, "us-gaap_FinanceLeaseLiabilityPaymentsDueAfterYearFive": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityPaymentsDueAfterYearFive", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due Thereafter", "label": "Finance Lease, Liability, to be Paid, after Year Five", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for finance lease to be paid after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_FinanceLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FinanceLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due, Next Twelve Months", "label": "Finance Lease, Liability, to be Paid, Year One", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for finance lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_FinanceLeaseLiabilityPaymentsDueYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FinanceLeaseLiabilityPaymentsDueYearFive", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due in Five Years", "label": "Finance Lease, Liability, to be Paid, Year Five", "documentation": "Amount of lessee's undiscounted
obligation for lease payment for finance lease to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are
reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-gaap_FinanceLeaseLiabilityPaymentsDueYearFour": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityPaymentsDueYearFour", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due in Four Years", "label": "Finance Lease, Liability, to be Paid, Year Four", "documentation": "Amount of lessee's undiscounted
obligation for lease payment for finance lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are
reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-gaap_FinanceLeaseLiabilityPaymentsDueYearThree": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityPaymentsDueYearThree", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due in Three Years", "label": "Finance Lease, Liability, to be Paid, Year Three", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for finance lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_FinanceLeaseLiabilityPaymentsDueYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"FinanceLeaseLiabilityPaymentsDueYearTwo", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Finance Leases, Future Minimum Payments Due in Two Years", "label": "Finance Lease, Liability, to be Paid, Year Two", "documentation": "Amount of lessee's undiscounted
```

obligation for lease payment for finance lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r934"] }, "us-gaap_FinanceLeaseLiabilityUndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityUndiscountedExcessAmount", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Finance Lease, Liability, Undiscounted Excess Amount", "label": "Finance Lease, Liability, Undiscounted Excess Amount", "documentation": "Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for finance lease." } } }, "auth_ref": ["r934"] }, "us-gaap_FinanceLeasePrincipalPayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeasePrincipalPayments", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Principal Payments", "label": "Finance Lease, Principal Payments", "documentation": "Amount of cash outflow for principal payment on finance lease." } } }, "auth_ref": ["r923", "r930"] }, "us-gaap_FinanceLeaseRightOfUseAsset": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAsset", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Right-of-Use Asset", "label": "Finance Lease, Right-of-Use Asset, after Accumulated Amortization", "documentation": "Amount, after accumulated amortization, of right-of-use asset from finance lease." } } }, "auth_ref": ["r919"] }, "us-gaap_FinanceLeaseRightOfUseAssetAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAssetAmortization", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LeasesLeaseCostDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortization of right-of-use assets", "label": "Finance Lease, Right-of-Use Asset, Amortization", "documentation": "Amount of amortization expense attributable to right-of-use asset from finance lease." } } }, "auth_ref": ["r922", "r928", "r1276"] }, "us-gaap_FinanceLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]", "label": "Finance Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes finance lease right-of-use asset." } } }, "auth_ref": ["r921"] }, "us-gaap_FinanceLeaseWeightedAverageDiscountRatePercent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseWeightedAverageDiscountRatePercent", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Weighted Average Discount Rate, Percent", "label": "Finance Lease, Weighted Average Discount Rate, Percent", "documentation": "Weighted average discount rate for finance lease calculated at point in time." } } }, "auth_ref": ["r933", "r1276"] }, "us-gaap_FinanceLeaseWeightedAverageRemainingLeaseTerm1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseWeightedAverageRemainingLeaseTerm1", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Lease, Weighted Average Remaining Lease Term", "label": "Finance Lease, Weighted Average Remaining Lease Term", "documentation": "Weighted average remaining lease term for finance lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r932", "r1276"] }, "nix_FinanceLeasesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "FinanceLeasesMember", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "Finance Leases", "label": "Finance Leases [Member]", "documentation": "Finance Leases" } } }, "auth_ref": [] }, "us-gaap_FinancialInstrumentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentAxis", "presentation": ["http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "http://www.nisource.com/role/FairValueNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Instrument", "verboseLabel": "Schedule of Available-for-sale Securities, Major Types of Debt and Equity Securities [Axis]", "label": "Financial Instrument [Axis]", "documentation": "Information by type of financial instrument." } } }, "auth_ref": ["r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r489", "r490", "r507", "r508", "r513", "r514", "r515", "r518", "r520", "r521", "r615", "r631", "r866", "r898", "r952", "r953", "r954", "r955", "r956", "r957", "r958", "r959", "r960", "r961", "r962", "r963", "r964", "r965", "r969", "r971", "r972", "r973", "r974", "r975", "r976", "r977", "r978", "r979", "r980", "r981", "r982", "r983", "r984", "r985", "r1036", "r1229", "r1265", "r1267", "r1268", "r1269", "r1270", "r1271", "r1272", "r1273", "r1274", "r1278", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1502", "r1503", "r1504", "r1505", "r1647", "r1650", "r1651", "r1652", "r1659", "r1662"] }, "us-gaap_FinancialInstrumentsOwnedUSGovernmentAndAgencyObligationsAtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialInstrumentsOwnedUSGovernmentAndAgencyObligationsAtFairValue", "crdr": "debit", "presentation": ["http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value", "label": "Financial Instruments, Owned, US Government and Agency Obligations, at Fair Value", "documentation": "The fair value as of the balance sheet date of firm holdings in debt obligations issued by the US government including short-term Treasury bills, medium-term Treasury notes, and long-term Treasury bonds, as well as debt issued by agencies. Includes both pledged (to counterparties as collateral for financing transactions) and unpledged holdings." } } }, "auth_ref": ["r1680"] }, "us-gaap_FinancialLiabilitiesFairValueDisclosure": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancialLiabilitiesFairValueDisclosure", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueFairValueOfFinancialAssetsAndLiabilitiesMeasuredOnARecurringBasisDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Total", "label": "Financial Liabilities Fair Value Disclosure", "documentation": "Fair value of financial obligations, including, but not limited to, debt instruments, derivative liabilities, federal funds purchased and sold under agreements to repurchase, securities loaned or sold under agreements to repurchase, financial instruments sold not yet purchased, guarantees, line of credit, loans and notes payable, servicing liability, and trading liabilities." } } }, "auth_ref": ["r1648", "r1649", "r1659"] }, "nix_FinancialMeasurementAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "FinancialMeasurementAxis", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Measurement [Axis]", "label": "Financial Measurement [Axis]", "documentation": "Financial Measurement [Axis]" } } }, "auth_ref": [] }, "nix_FinancialMeasurementDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "FinancialMeasurementDomain", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financial Measurement [Domain]", "label": "Financial Measurement [Domain]", "documentation": "[Domain] for Financial Measurement [Axis]" } } }, "auth_ref": [] }, "us-gaap_FinancingReceivableAllowanceForCreditLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivableAllowanceForCreditLosses", "crdr": "credit", "presentation": ["http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Allowance for Credit Loss", "label": "Financing Receivable, Allowance for Credit Loss", "documentation": "Amount of allowance for credit loss on financing receivable. Excludes allowance for financing receivable covered under loss sharing agreement." } } }, "auth_ref": ["r223", "r249", "r250", "r251", "r307", "r506", "r509", "r512", "r1681"] }, "us-gaap_FinancingReceivableAllowanceForCreditLossesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivableAllowanceForCreditLossesLineItems", "presentation": ["http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Financing Receivable, Allowance for Credit Loss [Line Items]", "label": "Financing Receivable, Allowance for Credit Loss [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r251", "r1507"] }, "us-gaap_FinancingReceivableAllowanceForCreditLossesRecovery": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivableAllowanceForCreditLossesRecovery", "crdr": "credit", "presentation": ["http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Recoveries of amounts previously written off", "label": "Financing Receivable, Allowance for Credit Loss, Recovery", "documentation": "Amount of increase in allowance for credit loss on financing receivable from recovery." } } }, "auth_ref": ["r226", "r511", "r1228"] }, "us-gaap_FinancingReceivableAllowanceForCreditLossesWriteOffs": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinancingReceivableAllowanceForCreditLossesWriteOffs", "crdr": "debit", "presentation": ["http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Write-offs charged against allowance", "label": "Financing Receivable, Allowance for Credit Loss, Writeoff", "documentation": "Amount of writeoff of financing receivable, charged against allowance for credit loss." } } }, "auth_ref": ["r225", "r510", "r516", "r1228"] }, "us-gaap_FixedIncomeFundsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FixedIncomeFundsMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fixed Income Funds", "label": "Fixed Income Funds [Member]", "documentation": "Investment that pools funds from investors to invest in a combination of underlying investments, primarily fixed income investments." } } }, "auth_ref": ["r1563"] }, "us-gaap_FixedIncomeSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FixedIncomeSecuritiesMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fixed Income", "verboseLabel": "Fixed Income Securities [Member]", "label": "Fixed Income Securities [Member]", "documentation": "Investment that provides a return in the form of fixed periodic payments and eventual return of principal at maturity." } } }, "auth_ref": ["r1249", "r1288", "r1289", "r1563"] }, "nix_FleetLeaseMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "FleetLeaseMember", "presentation": ["http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fleet Lease", "label": "Fleet Lease [Member]", "documentation": "Fleet Lease" } } }, "auth_ref": [] }, "ecd_ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToDisqualificationOfTaxBenefitsAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Forgone Recovery due to Disqualification of Tax Benefits, Amount", "label": "Forgone Recovery due to Disqualification of Tax Benefits, Amount" } } }, "auth_ref": ["r1329", "r1340", "r1350", "r1383"] }, "ecd_ForgoneRecoveryDueToExpenseOfEnforcementAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToExpenseOfEnforcementAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Forgone Recovery due to Expense of Enforcement, Amount", "label": "Forgone Recovery due to Expense of Enforcement, Amount" } } }, "auth_ref": ["r1329", "r1340", "r1350", "r1383"] }, "ecd_ForgoneRecoveryDueToViolationOfHomeCountryLawAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryDueToViolationOfHomeCountryLawAmt", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Forgone Recovery due to Violation of Home Country Law, Amount", "label": "Forgone Recovery due to Violation of Home Country Law, Amount" } } }, "auth_ref": ["r1329", "r1340", "r1350", "r1383"] }, "ecd_ForgoneRecoveryExplanationOfImpracticabilityTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryExplanationOfImpracticabilityTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Forgone Recovery, Explanation of Impracticability", "label": "Forgone Recovery, Explanation of Impracticability [Text Block]" } } }, "auth_ref": ["r1329", "r1340", "r1350", "r1383"] }, "ecd_ForgoneRecoveryIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "ForgoneRecoveryIndName", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Name", "label": "Forgone Recovery, Individual Name" } } }, "auth_ref": ["r1329", "r1340", "r1350", "r1383"] }, "nix_ForwardAugust2021Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardAugust2021Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward August 2021", "label": "Forward August 2021 [Member]", "documentation": "Forward August 2021" } } }, "auth_ref": [] }, "us-

gaap_ForwardContractIndexedToIssuersEquityForwardRate": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForwardContractIndexedToIssuersEquityForwardRate", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Derivative, Forward Price", "label": "Forward Contract Indexed to Issuer's Equity, Forward Rate Per Share", "documentation": "The per share price of the Company's stock at which the contract holder of the freestanding contract has the right to purchase or sell the Company's stock at a future date." } } }, "auth_ref": ["r21", "r109"] }, "us-gaap_ForwardContractIndexedToIssuersEquityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForwardContractIndexedToIssuersEquityLineItems", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward Contract Indexed to Issuer's Equity [Line Items]", "label": "Forward Contract Indexed to Issuer's Equity [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_ForwardContractIndexedToIssuersEquitySettlementAlternativesCashAtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForwardContractIndexedToIssuersEquitySettlementAlternativesCashAtFairValue", "crdr": "debit", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward Contract Indexed to Issuer's Equity, Settlement Alternatives, Cash, at Fair Value", "label": "Forward Contract Indexed to Equity, Settlement, Cash, Amount", "documentation": "Amount that would be paid upon settlement of forward contract indexed to equity." } } }, "auth_ref": ["r23"] }, "us-gaap_ForwardContractIndexedToIssuersEquityShares": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForwardContractIndexedToIssuersEquityShares", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward Contract Indexed to Issuer's Equity, Shares", "label": "Forward Contract Indexed to Issuer's Equity, Shares", "documentation": "Maximum number of shares that could be issued to settle forward contract indexed to equity." } } }, "auth_ref": ["r186"] }, "us-gaap_ForwardContractIndexedToIssuersEquityTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ForwardContractIndexedToIssuersEquityTable", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward Contract Indexed to Issuer's Equity [Table]", "label": "Forward Contract Indexed to Issuer's Equity [Table]", "documentation": "Disclosure of information about forward contract issued and indexed to issuer's own equity. Includes, but is not limited to, forward contract rate, number of shares, indexed share, settlement date, settlement alternative, classification, and redemption requirement." } } }, "auth_ref": ["r107", "r108", "r185"] }, "nix_ForwardFebruary21Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardFebruary21Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward February 21", "label": "Forward February 21 [Member]", "documentation": "Forward February 21" } } }, "auth_ref": [] }, "nix_ForwardFebruary23Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardFebruary23Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward February 23", "label": "Forward February 23 [Member]", "documentation": "Forward February 23" } } }, "auth_ref": [] }, "nix_ForwardJune2021Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardJune2021Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward June 2021", "label": "Forward June 2021 [Member]", "documentation": "Forward June 2021" } } }, "auth_ref": [] }, "nix_ForwardMay22Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardMay22Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward May 22", "label": "Forward May 22 [Member]", "documentation": "Forward May 22" } } }, "auth_ref": [] }, "nix_ForwardNovember2022Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardNovember2022Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward November 2022", "label": "Forward November 2022 [Member]", "documentation": "Forward November 2022" } } }, "auth_ref": [] }, "nix_ForwardSeptember27Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardSeptember27Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward September 27", "label": "Forward September 27 [Member]", "documentation": "Forward September 27" } } }, "auth_ref": [] }, "nix_ForwardSeptember30Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ForwardSeptember30Member", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forward September 30", "label": "Forward September 30 [Member]", "documentation": "Forward September 30" } } }, "auth_ref": [] }, "ecd_FrValAsOfPrrYrEndOfEqtyAwrdsGrntdInPrrYrsFldVstngCondsDrngCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "FrValAsOfPrrYrEndOfEqtyAwrdsGrntdInPrrYrsFldVstngCondsDrngCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year", "label": "Prior Year End Fair Value of Equity Awards Granted in Any Prior Year that Fail to Meet Applicable Vesting Conditions During Covered Year [Member]" } } }, "auth_ref": ["r1363"] }, "us-gaap_GainLossOnDispositionOfAssets1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnDispositionOfAssets1", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 13.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Loss (gain) on sale of assets", "label": "Gain (Loss) on Disposition of Assets", "documentation": "Amount of gain (loss) on sale or disposal of assets, including but not limited to property plant and equipment, intangible assets and equity in securities of subsidiaries or equity method investee." } } }, "auth_ref": ["r1461"] }, "us-gaap_GainLossOnSalesOfAssetsAndAssetImpairmentCharges": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnSalesOfAssetsAndAssetImpairmentCharges", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingCostsAndExpenses", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Loss (gain) on sale of assets, net", "label": "Gain (Loss) on Sale of Assets and Asset Impairment Charges", "documentation": "Amount of gain (loss) from the difference between the sale price or salvage price and the book value of an asset that was sold or retired, and gain (loss) from the write down of assets from their carrying value to fair value." } } }, "auth_ref": ["r1461"] }, "us-gaap_GainsLossesOnExtinguishmentOfDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainsLossesOnExtinguishmentOfDebt", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NonoperatingIncomeExpense", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Loss on early extinguishment of long-term debt", "label": "Gain (Loss) on Extinguishment of Debt", "documentation": "Difference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity." } } }, "auth_ref": ["r13", "r55", "r56"] }, "nix_GasDistributionOperationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GasDistributionOperationsMember", "presentation": ["http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails", "http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gas Distribution Operations", "label": "Gas Distribution Operations [Member]", "documentation": "Gas Distribution Operations [Member]" } } }, "auth_ref": [] }, "nix_GasDistributionUtilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GasDistributionUtilityMember", "presentation": ["http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gas Distribution Utility", "label": "Gas Distribution Utility [Member]", "documentation": "Gas distribution utility" } } }, "auth_ref": [] }, "nix_GasPeakerCapacity": { "xbrltype": "powerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GasPeakerCapacity", "presentation": ["http://www.nisource.com/role/RegulatoryMattersNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gas Peaker Capacity", "label": "Gas Peaker Capacity", "documentation": "Gas Peaker Capacity" } } }, "auth_ref": [] }, "nix_GasandFuelAdjustmentClausePolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GasandFuelAdjustmentClausePolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Fuel Adjustment Clause", "label": "Gas and Fuel Adjustment Clause [Policy Text Block]", "documentation": "Gas and Fuel adjustment clause [Policy Text Block]" } } }, "auth_ref": [] }, "nix_GenerationRetirementUnitsAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GenerationRetirementUnitsAxis", "presentation": ["http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Generation Retirement Units [Axis]", "label": "Generation Retirement Units [Axis]", "documentation": "Generation Retirement Units" } } }, "auth_ref": [] }, "nix_GenerationRetirementUnitsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GenerationRetirementUnitsDomain", "presentation": ["http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Generation Retirement Units [Domain]", "label": "Generation Retirement Units [Domain]", "documentation": "Generation Retirement Units [Domain]" } } }, "auth_ref": [] }, "us-gaap_Goodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Goodwill", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_OtherAssetsNoncurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Goodwill", "terseLabel": "Goodwill", "label": "Goodwill", "documentation": "Amount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": ["r298", "r526", "r1007", "r1222", "r1230", "r1266", "r1277", "r1509", "r1510"] }, "us-gaap_GoodwillAndIntangibleAssetsDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Goodwill and Intangible Assets Disclosure [Abstract]", "label": "Goodwill and Intangible Assets Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_GoodwillAndIntangibleAssetsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsDisclosureTextBlock", "presentation": ["http://www.nisource.com/role/GoodwillandOtherIntangibleAssets"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill And Other Intangible Assets", "label": "Goodwill and Intangible Assets Disclosure [Text Block]", "documentation": "The entire disclosure for goodwill and intangible assets." } } }, "auth_ref": ["r1508", "r1511"] }, "us-gaap_GoodwillAndIntangibleAssetsIntangibleAssetsPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillAndIntangibleAssetsIntangibleAssetsPolicy", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill And Other Intangible Assets", "label": "Goodwill and Intangible Assets, Intangible Assets, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for intangible assets. This accounting policy may address both intangible assets subject to amortization and those that are not. The following also may be disclosed: (1) a description of intangible assets (2) the estimated useful lives of those assets (3) the amortization method used (4) how the entity assesses and measures impairment of such assets (5) how future cash flows are estimated (6) how the fair values of such asset are determined." } } }, "auth_ref": ["r539", "r549", "r551"] }, "nix_GoodwillAndOtherIntangibleAssetsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GoodwillAndOtherIntangibleAssetsLineItems", "presentation": ["http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill And Other Intangible Assets [Line Items]", "label": "Goodwill And Other Intangible Assets [Line Items]", "documentation": "Goodwill and other intangible assets" } } }, "auth_ref": [] }, "nix_GoodwillAndOtherIntangibleAssetsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GoodwillAndOtherIntangibleAssetsTable", "presentation": ["http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill And Other Intangible Assets [Table]", "label": "Goodwill And Other Intangible Assets [Table]", "documentation": "Goodwill and other intangible assets" } } }, "auth_ref": [] }, "us-gaap_GoodwillImpairmentLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillImpairmentLoss", "crdr": "debit", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails", "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill, Impairment Loss", "label": "Goodwill, Impairment Loss", "documentation": "Amount of impairment loss from asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized." } } }, "auth_ref": ["r13", "r527", "r533", "r538", "r1230", "r1266"] }, "us-gaap_GoodwillLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GoodwillLineItems", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Goodwill [Line Items]", "label": "Goodwill [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r537", "r538", "r1230"] }, "us-gaap_GranteeStatusAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GranteeStatusAxis", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Grantee Status [Axis]", "label": "Grantee Status [Axis]", "documentation": "Information by status of recipient to whom award is granted." } } }, "auth_ref": ["r741", "r742", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770"] }, "us-

{"gaap_GranteeStatusDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GranteeStatusDomain", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Grantee Status [Domain]", "label": "Grantee Status [Domain]", "documentation": "Status of recipient to whom award is granted." } } }, "auth_ref": ["r741", "r742", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770"] }, "nix_GrossProceedsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "GrossProceedsMember", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Gross Proceeds", "label": "Gross Proceeds [Member]", "documentation": "Gross Proceeds [Member]" } } }, "auth_ref": [] }, "us-gaap_GrossProfitAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GrossProfitAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "verboseLabel": "Operating Revenues", "label": "Gross Profit [Abstract]" } } }, "auth_ref": [] }, "us-gaap_GuaranteeObligationsCurrentCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GuaranteeObligationsCurrentCarryingValue", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Guarantor Obligations, Current Carrying Value", "label": "Guarantor Obligations, Current Carrying Value", "documentation": "The current carrying amount of the liability for the freestanding or embedded guarantor's obligations under the guarantee or each group of similar guarantees." } } }, "auth_ref": ["r584"] }, "nix_HLBVAdjustmentsUnderASC980Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "HLBVAdjustmentsUnderASC980Member", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "HLBV Adjustments under ASC 980", "label": "HLBV Adjustments under ASC 980 [Member]", "documentation": "HLBV Adjustments under ASC 980" } } }, "auth_ref": [] }, "nix_ITServiceAgreementsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ITServiceAgreementsMember", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "IT Service Agreements [Member]", "label": "IT Service Agreements [Member]", "documentation": "IT Service Agreements" } } }, "auth_ref": [] }, "dei_IcfrAuditorAttestationFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "IcfrAuditorAttestationFlag", "presentation": ["http://www.nisource.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "ICFR Auditor Attestation Flag", "label": "ICFR Auditor Attestation Flag" } } }, "auth_ref": ["r1308", "r1309", "r1332"] }, "us-gaap_ImpairmentOfIntangibleAssetsFinitelived": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ImpairmentOfIntangibleAssetsFinitelived", "crdr": "debit", "presentation": ["http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Impairment of Intangible Assets, Finite-lived", "label": "Impairment of Intangible Assets, Finite-Lived", "documentation": "The amount of impairment loss recognized in the period resulting from the write-down of the carrying amount of a finite-lived intangible asset to fair value." } } }, "auth_ref": ["r541", "r1461", "r1514"] }, "us-gaap_ImpairmentOfInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ImpairmentOfInvestments", "crdr": "debit", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other than Temporary Impairment Losses, Investments", "label": "Other than Temporary Impairment Losses, Investments", "documentation": "The amount by which the fair value of an investment is less than the amortized cost basis or carrying amount of that investment at the balance sheet date and the decline in fair value is deemed to be other than temporary, before considering whether or not such amount is recognized in earnings or other comprehensive income." } } }, "auth_ref": ["r227"] }, "us-gaap_IncomeAmountsAttributableToNoncontrollingInterestDisclosuresAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeAmountsAttributableToNoncontrollingInterestDisclosuresAbstract", "lang": { "en-us": { "role": { "label": "Income Amounts Attributable to Noncontrolling Interest, Disclosures [Abstract]" } } }, "auth_ref": [] }, "nix_IncomeAmountsAttributableToNoncontrollingInterestTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncomeAmountsAttributableToNoncontrollingInterestTableTextBlock", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesTables"], "lang": { "en-us": { "role": { "terseLabel": "Income Amounts Attributable to Noncontrolling Interest", "label": "Income Amounts Attributable to Noncontrolling Interest [Table Text Block]", "documentation": "Income Amounts Attributable to Noncontrolling Interest" } } }, "auth_ref": [] }, "nix_IncomeAttributableToNoncontrollingLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncomeAttributableToNoncontrollingLineItems", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Attributable to noncontrolling [Line Items]", "label": "Income Attributable to noncontrolling [Line Items]", "documentation": "Income Attributable to noncontrolling [Line Items]" } } }, "auth_ref": [] }, "nix_IncomeAttributableToNoncontrollingTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncomeAttributableToNoncontrollingTable", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Attributable to noncontrolling [Table]", "label": "Income Attributable to noncontrolling [Table]", "documentation": "Income Attributable to noncontrolling" } } }, "auth_ref": [] }, "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_ProfitLoss", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "Income before Income Taxes", "terseLabel": "Book income before income taxes", "label": "Income (Loss) from Continuing Operations before Income Taxes, Domestic", "documentation": "The portion of earnings or loss from continuing operations before income taxes that is attributable to domestic operations." } } }, "auth_ref": ["r349", "r785"] }, "us-gaap_IncomeStatementAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementAbstract", "lang": { "en-us": { "role": { "terseLabel": "Income Statement [Abstract]", "label": "Income Statement [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeStatementBalanceSheetAndAdditionalDisclosuresByDisposalGroupsIncludingDiscontinuedOperationsAxis", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Disposal Group Name [Axis]", "label": "Disposal Group Name [Axis]", "documentation": "Information by name of disposal group." } } }, "auth_ref": ["r1251", "r1254"] }, "us-gaap_IncomeTaxAuthorityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityAxis", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Jurisdiction [Axis]", "label": "Income Tax Jurisdiction [Axis]", "documentation": "Information by income tax jurisdiction." } } }, "auth_ref": ["r343", "r786", "r787", "r796", "r808", "r1261", "r1638"] }, "us-gaap_IncomeTaxAuthorityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxAuthorityDomain", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Tax Jurisdiction [Domain]", "label": "Income Tax Jurisdiction [Domain]", "documentation": "Income tax jurisdiction." } } }, "auth_ref": ["r343", "r786", "r787", "r796", "r808", "r1261", "r1638"] }, "us-gaap_IncomeTaxDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Income Tax Disclosure [Abstract]", "label": "Income Tax Disclosure [Abstract]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxDisclosureTextBlock", "presentation": ["http://www.nisource.com/role/IncomeTaxes"], "lang": { "en-us": { "role": { "verboseLabel": "Income Taxes", "label": "Income Tax Disclosure [Text Block]", "documentation": "The entire disclosure for income tax." } } }, "auth_ref": ["r350", "r778", "r786", "r793", "r794", "r795", "r800", "r806", "r818", "r820", "r821", "r822", "r1085", "r1261"] }, "us-gaap_IncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_ProfitLoss", "weight": -1.0, "order": 2.0 }, "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": null, "weight": null, "order": null, "root": true }, "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes", "totalLabel": "Income Taxes", "label": "Income Tax Expense (Benefit)", "documentation": "Amount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations." } } }, "auth_ref": ["r230", "r243", "r378", "r379", "r413", "r429", "r443", "r784", "r786", "r819", "r1040", "r1261"] }, "us-gaap_IncomeTaxPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxPolicyTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes And Investment Tax Credits", "label": "Income Tax, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for income taxes, which may include its accounting policies for recognizing and measuring deferred tax assets and liabilities and related valuation allowances, recognizing investment tax credits, operating loss carryforwards, tax credit carryforwards, and other carryforwards, methodologies for determining its effective income tax rate and the characterization of interest and penalties in the financial statements." } } }, "auth_ref": ["r326", "r780", "r781", "r800", "r801", "r805", "r810", "r1079"] }, "us-gaap_IncomeTaxRateReconciliationDeductionsEmployeeStockOwnershipPlanDividends": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxRateReconciliationDeductionsEmployeeStockOwnershipPlanDividends", "crdr": "credit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": -1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Amount", "negatedLabel": "Employee stock ownership plan dividends and other compensation, value", "label": "Effective Income Tax Rate Reconciliation, Deduction, Employee Stock Ownership Plan Dividend, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to deduction for dividend paid to employee stock ownership plan." } } }, "auth_ref": ["r1633", "r1634"] }, "us-gaap_IncomeTaxReconciliationIncomeTaxExpenseBenefitAtFederalStatutoryIncomeTaxRate": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationIncomeTaxExpenseBenefitAtFederalStatutoryIncomeTaxRate", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Tax expense (benefit) at statutory federal income tax rate, value", "label": "Effective Income Tax Rate Reconciliation at Federal Statutory Income Tax Rate, Amount", "documentation": "The amount of income tax expense or benefit for the period computed by applying the domestic federal statutory tax rates to pretax income from continuing operations." } } }, "auth_ref": ["r786", "r1261"] }, "us-gaap_IncomeTaxReconciliationMinorityInterestIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationMinorityInterestIncomeExpense", "crdr": "credit", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Amount", "label": "Effective Income Tax Rate Reconciliation, Noncontrolling Interest Income (Loss), Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to noncontrolling interest income (loss) exempt from income taxes." } } }, "auth_ref": ["r1633", "r1634"] }, "us-gaap_IncomeTaxReconciliationNondeductibleExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationNondeductibleExpense", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Fines and penalties, value", "label": "Effective Income Tax Rate Reconciliation, Nondeductible Expense, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to nondeductible expenses." } } }, "auth_ref": ["r791", "r792", "r1633"] }, "us-

gaap_IncomeTaxReconciliationNondeductibleExpenseDepreciation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationNondeductibleExpenseDepreciation", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Amortization of regulatory liabilities, value", "label": "Effective Income Tax Rate Reconciliation, Nondeductible Expense, Depreciation, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to nondeductible depreciation." } } }, "auth_ref": ["r1633", "r1635"] }, "us-gaap_IncomeTaxReconciliationOtherAdjustments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationOtherAdjustments", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other adjustments, value", "label": "Effective Income Tax Rate Reconciliation, Other Adjustments, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to other adjustments." } } }, "auth_ref": ["r1261", "r1633", "r1634"] }, "us-gaap_IncomeTaxReconciliationStateAndLocalIncomeTaxes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationStateAndLocalIncomeTaxes", "crdr": "debit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "State income taxes, net of federal income tax benefit, value", "label": "Effective Income Tax Rate Reconciliation, State and Local Income Taxes, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to state and local income tax expense (benefit)." } } }, "auth_ref": ["r789", "r1261", "r1633"] }, "us-gaap_IncomeTaxReconciliationTaxCredits": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxReconciliationTaxCredits", "crdr": "credit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": -1.0, "order": 7.0 } }, "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Effective Income Tax Rate Reconciliation, Tax Credit, Amount", "label": "Effective Income Tax Rate Reconciliation, Tax Credit, Amount", "documentation": "Amount of the difference between reported income tax expense (benefit) and expected income tax expense (benefit) computed by applying the domestic federal statutory income tax rates to pretax income (loss) from continuing operations attributable to tax credits. Including, but not limited to, research credit, foreign tax credit, investment tax credit, and other tax credits." } } }, "auth_ref": ["r790", "r792", "r1633"] }, "nix_IncomeTaxesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncomeTaxesLineItems", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Income Taxes [Line Items]", "label": "Income Taxes [Line Items]", "documentation": "Income Taxes [Line Items]" } } }, "auth_ref": [] }, "us-gaap_IncomeTaxesPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncomeTaxesPaidNet", "crdr": "credit", "presentation": ["http://www.nisource.com/role/SupplementalCashFlowInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Cash paid for income taxes, net of refunds", "label": "Income Taxes Paid, Net", "documentation": "Amount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax." } } }, "auth_ref": ["r38", "r343", "r807", "r808"] }, "us-gaap_IncreaseDecreaseInAccountsPayable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccountsPayable", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 16.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "verboseLabel": "Accounts payable", "label": "Increase (Decrease) in Accounts Payable", "documentation": "The increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business." } } }, "auth_ref": ["r12"] }, "us-gaap_IncreaseDecreaseInAccountsReceivable": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAccountsReceivable", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Accounts receivable", "label": "Increase (Decrease) in Accounts Receivable", "documentation": "The increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services." } } }, "auth_ref": ["r12"] }, "us-gaap_IncreaseDecreaseInAssetRetirementObligations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInAssetRetirementObligations", "crdr": "debit", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails", "http://www.nisource.com/role/SupplementalCashFlowInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Assets recorded for asset retirement obligations", "label": "Increase (Decrease) in Asset Retirement Obligations", "documentation": "The increase (decrease) during the reporting period in the carrying amount of asset retirement obligations." } } }, "auth_ref": ["r12"] }, "nix_IncreaseDecreaseInDeferredChargesAndOtherNonCurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseInDeferredChargesAndOtherNonCurrentAssets", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Deferred charges and other noncurrent assets", "label": "Increase Decrease In Deferred Charges And Other Non Current Assets", "documentation": "Increase decrease in deferred charges and other non current assets." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInEmployeeRelatedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInEmployeeRelatedLiabilities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 15.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "verboseLabel": "Postretirement and postemployment benefits", "label": "Increase (Decrease) in Employee Related Liabilities", "documentation": "The increase (decrease) during the reporting period in the aggregate amount of obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits." } } }, "auth_ref": ["r12"] }, "nix_IncreaseDecreaseInExchangeGasReceivablePayable": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseInExchangeGasReceivablePayable", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 14.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Exchange gas receivable/payable", "label": "Increase Decrease In Exchange Gas Receivable Payable", "documentation": "Increase or decrease in exchange gas receivable payable." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInInventories": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInInventories", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Gas storage and other inventories", "label": "Increase (Decrease) in Inventories", "documentation": "The increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities." } } }, "auth_ref": ["r12"] }, "us-gaap_IncreaseDecreaseInOperatingCapitalAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOperatingCapitalAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Changes in Assets and Liabilities:", "label": "Increase (Decrease) in Operating Capital [Abstract]" } } }, "auth_ref": [] }, "nix_IncreaseDecreaseInOtherAccruals": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseInOtherAccruals", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 12.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Other accruals", "label": "Increase Decrease In Other Accruals", "documentation": "Increase decrease in other accruals." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInOtherAccruedLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOtherAccruedLiabilities", "crdr": "debit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Increase (Decrease) in Other Accrued Liabilities", "label": "Increase (Decrease) in Other Accrued Liabilities", "documentation": "The increase (decrease) during the reporting period in other expenses incurred but not yet paid." } } }, "auth_ref": ["r12"] }, "us-gaap_IncreaseDecreaseInOtherOperatingLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInOtherOperatingLiabilities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 10.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "verboseLabel": "Other noncurrent liabilities and deferred credits", "label": "Increase (Decrease) in Other Operating Liabilities", "documentation": "Amount of increase (decrease) in operating liabilities classified as other." } } }, "auth_ref": ["r12"] }, "nix_IncreaseDecreaseInPrepaymentsAndOtherCurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseInPrepaymentsAndOtherCurrentAssets", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "verboseLabel": "Prepayments and other current assets", "label": "Increase Decrease In Prepayments And Other Current Assets", "documentation": "Increase decrease in prepayments and other current assets." } } }, "auth_ref": [] }, "us-gaap_IncreaseDecreaseInRegulatoryAssetsAndLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncreaseDecreaseInRegulatoryAssetsAndLiabilities", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "negatedLabel": "Regulatory assets/liabilities", "label": "Increase (Decrease) in Regulatory Assets and Liabilities", "documentation": "The increase (decrease) during the reporting period in the value of assets that are created when regulatory agencies permits public utilities to defer costs (revenues) to the balance sheet. This element is a the increase (decrease) of regulatory assets and liabilities combined." } } }, "auth_ref": ["r12"] }, "nix_IncreaseDecreaseInTaxExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseInTaxExpense", "crdr": "debit", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails"], "lang": { "en-us": { "role": { "terseLabel": "Increase (Decrease) in Tax Expense", "label": "Increase (Decrease) in Tax Expense", "documentation": "Increase (Decrease) in Tax Expense" } } }, "auth_ref": [] }, "nix_IncreaseDecreaseinEffectiveTaxRate": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncreaseDecreaseinEffectiveTaxRate", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Increase (Decrease) in Effective Tax Rate", "label": "Increase (Decrease) in Effective Tax Rate", "documentation": "Increase (Decrease) in Effective Tax Rate" } } }, "auth_ref": [] }, "nix_Increasesreductionsintaxesresultingfromabstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Increasesreductionsintaxesresultingfromabstract", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Increases (reductions) in taxes resulting from:", "label": "Increases (reductions) in taxes resulting from [Abstract]", "documentation": "Increases (reductions) in taxes resulting from [Abstract]" } } }, "auth_ref": [] }, "nix_IncrementalBadDebtCOVIDMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncrementalBadDebtCOVIDMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails"], "lang": { "en-us": { "role": { "terseLabel": "Incremental Bad Debt - COVID", "label": "Incremental Bad Debt - COVID [Member]", "documentation": "Incremental Bad Debt - COVID" } } }, "auth_ref": [] }, "us-gaap_IncrementalCommonSharesAttributableToContingentlyIssuableShares": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToContingentlyIssuableShares", "calculation": {

```
"http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Shares contingently issuable under employee stock plans", "label": "Incremental Common Shares Attributable to Dilutive Effect of Contingently Issuable Shares", "documentation": "Additional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of contingently issuable shares. Contingently issuable shares are those shares that are issuable for little or no cash contingent on certain conditions being met." } } }, "auth_ref": [ "r388", "r389", "r396", "r397", "r398", "r399", "r400", "r401", "r402", "r407" ] }, "nix_IncrementalCommonSharesAttributableToDilutiveEffectOfEquityUnitPurchaseAgreementsIfConverted": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncrementalCommonSharesAttributableToDilutiveEffectOfEquityUnitPurchaseAgreementsIfConverted", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Equity Units purchase contracts", "label": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements If-Converted", "documentation": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements If-Converted" } } }, "auth_ref": [] }, "nix_IncrementalCommonSharesAttributableToDilutiveEffectOfEquityUnitPurchaseContractPaymentBalance": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncrementalCommonSharesAttributableToDilutiveEffectOfEquityUnitPurchaseContractPaymentBalance", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance", "label": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance", "documentation": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit purchase contract payment balance" } } }, "auth_ref": [] }, "us-gaap_IncrementalCommonSharesAttributableToEquityForwardAgreements": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToEquityForwardAgreements", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 4.0 } }, "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "ATM Forward agreements", "label": "Incremental Common Shares Attributable to Dilutive Effect of Equity Forward Agreements", "documentation": "Additional shared included in the calculation of diluted EPS as a result of the potentially dilutive effect of equity forward arrangements using the reverse treasury stock method." } } }, "auth_ref": [ "r407", "r1213" ] }, "us-gaap_IncrementalCommonSharesAttributableToEquityUnitPurchaseAgreements": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToEquityUnitPurchaseAgreements", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements", "label": "Incremental Common Shares Attributable to Dilutive Effect of Equity Unit Purchase Agreements", "documentation": "Additional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of equity unit purchase agreements using the treasury stock method." } } }, "auth_ref": [ "r387", "r388", "r407" ] }, "us-gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IncrementalCommonSharesAttributableToShareBasedPaymentArrangements", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Shares restricted under employee stock plans", "label": "Incremental Common Shares Attributable to Dilutive Effect of Share-Based Payment Arrangements", "documentation": "Additional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of share based payment arrangements using the treasury stock method." } } }, "auth_ref": [ "r387", "r388", "r390", "r407", "r743" ] }, "nix_IncrementalOMAndBadDebtCOVIDMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncrementalOMAndBadDebtCOVIDMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Incremental O&M and Bad Debt-COVID", "label": "Incremental O&M and Bad Debt-COVID [Member]", "documentation": "Incremental O&M and Bad Debt-COVID" } } }, "auth_ref": [] }, "nix_IncrementalOMCOVIDMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IncrementalOMCOVIDMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Incremental O&M - COVID", "label": "Incremental O&M - COVID [Member]", "documentation": "Incremental O&M - COVID" } } }, "auth_ref": [] }, "nix_IndianaCrossroadsSolarMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IndianaCrossroadsSolarMember", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Indiana Crossroads Solar", "label": "Indiana Crossroads Solar [Member]", "documentation": "Indiana Crossroads Solar" } } }, "auth_ref": [] }, "nix_IndianaCrossroadsWindMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IndianaCrossroadsWindMember", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Indiana Crossroads Wind", "label": "Indiana Crossroads Wind [Member]", "documentation": "Indiana Crossroads Wind" } } }, "auth_ref": [] }, "ecd_IndividualAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "IndividualAxis", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure", "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure", "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements", "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Individual", "label": "Individual [Axis]" } } }, "auth_ref": [ "r1329", "r1340", "r1350", "r1374", "r1383", "r1387", "r1395" ] }, "nix_IndustrialMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "IndustrialMember", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Industrial", "label": "Industrial [Member]", "documentation": "Industrial [Member]" } } }, "auth_ref": [] }, "ecd_InsiderTradingArrLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingArrLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Arrangements [Line Items]" } } }, "auth_ref": [ "r1393" ] }, "ecd_InsiderTradingPoliciesProcLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTradingPoliciesProcLineItems", "lang": { "en-us": { "role": { "label": "Insider Trading Policies and Procedures [Line Items]" } } }, "auth_ref": [ "r1310", "r1399" ] }, "ecd_InsiderTrdPoliciesProcAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcAdoptedFlag", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc" ], "lang": { "en-us": { "role": { "terseLabel": "Insider Trading Policies and Procedures Adopted", "label": "Insider Trading Policies and Procedures Adopted [Flag]" } } }, "auth_ref": [ "r1310", "r1399" ] }, "ecd_InsiderTrdPoliciesProcNotAdoptedTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "InsiderTrdPoliciesProcNotAdoptedTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingPoliciesProc" ], "lang": { "en-us": { "role": { "terseLabel": "Insider Trading Policies and Procedures Not Adopted", "label": "Insider Trading Policies and Procedures Not Adopted [Text Block]" } } }, "auth_ref": [ "r1310", "r1399" ] }, "us-gaap_IntangibleAssetsNetExcludingGoodwill": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IntangibleAssetsNetExcludingGoodwill", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Intangible Assets, Net (Excluding Goodwill)", "label": "Intangible Assets, Net (Excluding Goodwill)", "documentation": "Sum of the carrying amounts of all intangible assets, excluding goodwill, as of the balance sheet date, net of accumulated amortization and impairment charges." } } }, "auth_ref": [ "r540", "r1512", "r1513" ] }, "us-gaap_InterestExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseAbstract", "lang": { "en-us": { "role": { "terseLabel": "Interest Expense, Operating and Nonoperating [Abstract]", "label": "Interest Expense, Operating and Nonoperating [Abstract]" } } }, "auth_ref": [] }, "us-gaap_InterestExpenseLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseLongTermDebt", "crdr": "debit", "calculation": { "http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/InterestExpenseNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest on long-term debt", "label": "Interest Expense, Long-Term Debt", "documentation": "Aggregate amount of interest paid or due on all long-term debt." } } }, "auth_ref": [ "r209", "r247", "r248" ] }, "us-gaap_InterestExpenseNonoperating": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseNonoperating", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NonoperatingIncomeExpense", "weight": -1.0, "order": 1.0 }, "http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/InterestExpenseNetDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "negatedLabel": "Interest expense, net", "totalLabel": "Total Interest Expense, net", "label": "Interest Expense, Nonoperating", "documentation": "Amount of interest expense classified as nonoperating." } } }, "auth_ref": [ "r425", "r1457" ] }, "us-gaap_InterestExpenseOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseOther", "crdr": "debit", "calculation": { "http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": 1.0, "order": 7.0 } }, "presentation": [ "http://www.nisource.com/role/InterestExpenseNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Other", "label": "Interest Expense, Other", "documentation": "Amount of interest expense classified as other." } } }, "auth_ref": [] }, "us-gaap_InterestExpenseShortTermBorrowings": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestExpenseShortTermBorrowings", "crdr": "debit", "calculation": { "http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/InterestExpenseNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest on short-term borrowings", "label": "Interest Expense, Short-Term Borrowings", "documentation": "The aggregate interest expense incurred on short-term borrowings including commercial paper and Federal funds purchased and securities sold under agreements to repurchase." } } }, "auth_ref": [ "r208", "r247", "r248" ] }, "us-gaap_InterestIncomeAndInterestExpenseDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestIncomeAndInterestExpenseDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/InterestExpenseNet" ], "lang": { "en-us": { "role": { "terseLabel": "Interest Expense, Net", "label": "Interest Income and Interest Expense Disclosure [Text Block]", "documentation": "The entire disclosure for interest income and interest expense for enterprises that derive a significant portion of their revenue from interest collected on investments, loans, and securities." } } }, "auth_ref": [ "r197", "r198", "r199", "r200", "r202", "r204", "r205", "r206", "r207", "r208", "r209", "r210" ] }, "us-gaap_InterestIncomeExpenseNonoperatingNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestIncomeExpenseNonoperatingNet", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest income", "label": "Interest Income (Expense), Nonoperating", "documentation": "Amount of interest income (expense) classified as nonoperating." } } }, "auth_ref": [ "r1221", "r1457", "r1482" ] }, "us-gaap_InterestPaidNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPaidNet", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Cash paid for interest on debt, net of interest capitalized amounts", "label": "Interest Paid, Excluding Capitalized Interest, Operating Activities", "documentation": "Amount of cash paid for interest, excluding capitalized interest, classified as operating activity. Includes, but is not limited to, payment to settle zero-coupon bond for accreted interest of debt discount and debt instrument with insignificant coupon interest rate in relation to effective interest rate of borrowing attributable to accreted interest of debt discount." } } }, "auth_ref": [ "r337", "r341", "r342" ] }, "nix_InterestPaidToDeveloper": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "InterestPaidToDeveloper", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest paid to developer", "label": "Interest paid to developer", "documentation": "Interest paid to developer" } } }, "auth_ref": [] }, "us-gaap_InterestPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InterestPayableCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 10.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Interest accrued", "label": "Interest Payable, Current", "documentation": "Carrying value as of the balance sheet date of [accrued] interest payable on all forms of debt, including trade payables, that has been incurred and is unpaid. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r119" ] }, "nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType",
```

```
"nsuri": "http://www.nisource.com/20241231", "localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments Due", "label": "Interest Payments on Long-term Debt, Future Minimum Payments Due", "documentation":
"Interest Payments on Long-term Debt, Future Minimum Payments Due" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months", "label": "Interest Payments on Long-term Debt, Future Minimum Payments
Due, Next Twelve Months", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter", "label": "Interest Payments on Long-term Debt, Future Minimum Payments, Due
Thereafter", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years", "label": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in
Five Years", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinFourYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years", "label": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in
Four Years", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 8.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years", "label": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in
Three Years", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] },
"nix_InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinTwoYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestPaymentsonLongtermDebtFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years", "label": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in
Two Years", "documentation": "Interest Payments on Long-term Debt, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] }, "us-
gaap_InterestRateCashFlowHedgeGainLossToBeReclassifiedDuringNext12MonthsNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InterestRateCashFlowHedgeGainLossToBeReclassifiedDuringNext12MonthsNet", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Interest Rate Cash Flow
Hedge Gain (Loss) to be Reclassified During Next 12 Months, Net", "label": "Interest Rate Cash Flow Hedge Gain (Loss) to be Reclassified During Next 12 Months, Net",
"documentation": "The estimated net amount of unrealized gains or losses on interest rate cash flow hedges as of the balance sheet date expected to be reclassified to
earnings within the next twelve months." } } }, "auth_ref": [ "r106" ] }, "us-gaap_InterestRateRiskMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "InterestRateRiskMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails",
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Interest rate risk programs", "label": "Interest Rate Risk [Member]", "documentation": "The risk associated with changes in interest rates that effect the value
of an interest-bearing asset or liability, and a servicing asset or liability." } } }, "auth_ref": [] }, "us-gaap_InterestRateSwapMember": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "InterestRateSwapMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Interest Rate Swap", "label": "Interest Rate Swap [Member]", "documentation": "Forward based contracts in which two parties agree
to swap periodic payments that are fixed at the outset of the swap contract with variable payments based on a market interest rate (index rate) over a specified period." } } },
"auth_ref": [ "r1204", "r1295", "r1296" ] }, "nix_InterestRateSwapSettledMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "InterestRateSwapSettledMember", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Interest Rate Swap Settled", "label": "Interest Rate Swap Settled [Member]", "documentation": "Interest Rate Swap Settled [Member]" } } }, "auth_ref": [] },
"us-gaap_InternalRevenueServiceIRSMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InternalRevenueServiceIRSMember",
"presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Internal Revenue Service (IRS)", "label": "Internal
Revenue Service (IRS) [Member]", "documentation": "Designated tax department of the United States of America government entitled to levy and collect income taxes from
the entity." } } }, "auth_ref": [] }, "nix_InternationalEquitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"InternationalEquitiesMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "International
Equities", "label": "International Equities [Member]", "documentation": "International Equities [Member]" } } }, "auth_ref": [] }, "nix_InternationalMultiStrategyMember": {
"xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "InternationalMultiStrategyMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"International Multi-Strategy [Member]", "label": "International Multi Strategy [Member]", "documentation": "International Multi Strategy [Member]" } } }, "auth_ref": [] },
"us-gaap_IntersegmentEliminationMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "IntersegmentEliminationMember",
"presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Eliminations", "label": "Intersegment Eliminations [Member]", "documentation": "Eliminating entries used in operating segment
consolidation." } } }, "auth_ref": [ "r219", "r413", "r423", "r437", "r438", "r439", "r440", "r441", "r443", "r444", "r1221" ] }, "us-gaap_InventoryRawMaterialsAndSupplies": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterialsAndSupplies", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Materials and supplies, at average cost", "label": "Inventory, Raw
Materials and Supplies, Gross", "documentation": "Gross amount of unprocessed materials to be used in manufacturing or production process and supplies that will be
consumed." } } }, "auth_ref": [ "r1452" ] }, "us-gaap_InventorySuppliesPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InventorySuppliesPolicy", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": {
"role": { "terseLabel": "Gas Inventory", "label": "Inventory Supplies, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for the basis and manner
that goods are added and removed from inventory for supplies to be consumed directly or indirectly in production. If inventory is carried at cost, this disclosure includes the
nature of the cost elements included in inventory and how cost is determined (such as FIFO, LIFO, average)." } } }, "auth_ref": [ "r50" ] }, "us-gaap_InvestmentCreditMember":
{ "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentCreditMember", "presentation": [
"http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Investment Tax Credit Carryforward", "label": "Investment Tax Credit Carryforward [Member]", "documentation": "Investment tax credit
carryforwards arising from certain qualifying capital expenditures including, but not limited to, rehabilitation, energy, advanced coal project and gasification project." } } },
"auth_ref": [ "r1638" ] }, "us-gaap_InvestmentPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InvestmentPolicyTextBlock", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": {
"role": { "terseLabel": "Investments In Debt And Equity Securities", "label": "Investment, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for
investment in financial asset." } } }, "auth_ref": [ "r1039", "r1075", "r1076", "r1077", "r1078", "r1168", "r1169" ] }, "us-gaap_InvestmentTaxCredit": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InvestmentTaxCredit", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails": { "parentTag": "us-gaap_DeferredIncomeTaxExpenseBenefit", "weight": 1.0,
"order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Investment Tax Credit",
"negatedTerseLabel": "Investment Tax Credit", "label": "Investment Tax Credit", "documentation": "The amount deducted from an entities' taxes, reflecting a percentage of an
amount invested in certain assets spread over the useful life of those assets; includes deferred investment tax credits." } } }, "auth_ref": [ "r153" ] }, "us-
gaap_InvestmentsAndOtherNoncurrentAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InvestmentsAndOtherNoncurrentAssets", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets",
"weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "totalLabel": "Total Investments and
Other Assets", "label": "Investments and Other Noncurrent Assets", "documentation": "Amount of investments, and noncurrent assets classified as other." } } }, "auth_ref": []
}, "us-gaap_InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"InvestmentsInAffiliatesSubsidiariesAssociatesAndJointVentures", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag":
"us-gaap_InvestmentsAndOtherNoncurrentAssets", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-
us": { "role": { "verboseLabel": "Unconsolidated affiliates", "label": "Investments in and Advance to Affiliates, Subsidiaries, Associates, and Joint Ventures", "documentation":
"Amount of investment in equity method investee and investment in and advance to affiliate." } } }, "auth_ref": [ "r1448" ] }, "us-gaap_JuniorSubordinatedNotes": { "xbrltype":
```

```
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "JuniorSubordinatedNotes", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-
us": { "role": { "terseLabel": "Junior Subordinated Notes", "label": "Junior Subordinated Notes", "documentation": "Including the current and noncurrent portions, carrying
value as of the balance sheet date of long-term debt (with maturities initially due after one year or beyond the operating cycle if longer) identified as Junior Subordinated
Notes, which have a lower priority than senior instruments." } } }, "auth_ref": [ "r25", "r194", "r1684" ] }, "us-gaap_LIFOInventoryAmount": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "LIFOInventoryAmount", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Inventory
valued using LIFO", "label": "LIFO Inventory Amount", "documentation": "The amount of LIFO (last in first out) inventory present at the reporting date when inventory is also
valued using different valuation methods." } } }, "auth_ref": [ "r1210" ] }, "us-gaap_LeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "LeaseCost", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total lease
cost", "label": "Lease, Cost", "documentation": "Amount of lease cost recognized by lessee for lease contract." } } }, "auth_ref": [ "r927", "r1276" ] }, "us-
gaap_LeaseCostAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseCostAbstract", "presentation": [
"http://www.nisource.com/role/LeasesLeaseCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Finance lease cost", "label": "Lease, Cost [Abstract]" } } }, "auth_ref": [] },
"us-gaap_LeaseCostTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseCostTableTextBlock", "presentation": [
"http://www.nisource.com/role/LeasesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Lease Cost", "label": "Lease, Cost [Table Text Block]", "documentation": "Tabular
disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost,
short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": [ "r1669" ] }, "nix_LeaseInformationTableTextBlock": { "xbrltype": "textBlockItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "LeaseInformationTableTextBlock", "presentation": [ "http://www.nisource.com/role/LeasesTables" ], "lang": { "en-
us": { "role": { "terseLabel": "Lease Information", "label": "Lease Information [Table Text Block]", "documentation": "[Table Text Block] for Lease Information [Table]" } } },
"auth_ref": [] }, "nix_LeaseMaturityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LeaseMaturityLineItems",
"presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Lease Maturity [Line Items]", "label": "Lease
Maturity [Line Items]", "documentation": "[Line Items] for Lease Maturity [Table]" } } }, "auth_ref": [] }, "nix_LeaseMaturityTable": { "xbrltype": "stringItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "LeaseMaturityTable", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Lease Maturity [Table]", "label": "Lease Maturity [Table]", "documentation": "Lease Maturity [Table]" } } }, "auth_ref": [] },
"nix_LeaseMaturityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LeaseMaturityTableTextBlock",
"presentation": [ "http://www.nisource.com/role/LeasesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Lease Maturity", "label": "Lease Maturity [Table Text Block]",
"documentation": "[Table Text Block] for Lease Maturity [Table]" } } }, "auth_ref": [] }, "nix_LeaseTypeAxis": { "xbrltype": "stringItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "LeaseTypeAxis", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Lease Type [Axis]", "label": "Lease Type [Axis]", "documentation": "Lease Type [Axis]" } } }, "auth_ref": [] }, "nix_LeaseTypeDomain": { "xbrltype": "domainItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "LeaseTypeDomain", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Lease Type [Domain]", "label": "Lease Type [Domain]", "documentation": "[Domain] for Lease Type [Axis]" } } }, "auth_ref": [] }, "us-gaap_LeasesAbstract": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeasesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Leases [Abstract]", "label": "Leases
[Abstract]" } } }, "auth_ref": [] }, "us-gaap_LeasesOfLesseeDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LeasesOfLesseeDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/Leases" ], "lang": { "en-us": { "role": { "terseLabel": "Leases", "label": "Leases of Lessee
Disclosure [Text Block]", "documentation": "The entire disclosure for lessee entity's leasing arrangements including, but not limited to, all of the following: (a.) The basis on
which contingent rental payments are determined, (b.) The existence and terms of renewal or purchase options and escalation clauses, (c.) Restrictions imposed by lease
agreements, such as those concerning dividends, additional debt, and further leasing." } } }, "auth_ref": [ "r229" ] }, "dei_LegalEntityAxis": { "xbrltype": "stringItemType",
"nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": [ "http://www.nisource.com/role/AuditInformation",
"http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails",
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails",
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails",
"http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails",
"http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Legal Entity", "label": "Legal
Entity [Axis]", "documentation": "The set of legal entities associated with a report." } } }, "auth_ref": [] }, "us-gaap_LesseeFinanceLeaseTermOfContract1": { "xbrltype":
"durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeFinanceLeaseTermOfContract1", "presentation": [
"http://www.nisource.com/role/LeasesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Lessee, Finance Lease, Term of Contract", "label": "Lessee, Finance Lease,
Term of Contract", "documentation": "Term of lessee's finance lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five
months, and thirteen days." } } }, "auth_ref": [ "r1668" ] }, "us-gaap_LesseeFinanceLeasesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "LesseeFinanceLeasesTextBlock", "presentation": [ "http://www.nisource.com/role/Leases" ], "lang": { "en-us": { "role": { "terseLabel": "Lessee,
Finance Leases", "label": "Lessee, Finance Leases [Text Block]", "documentation": "The entire disclosure for finance leases of lessee. Includes, but is not limited to,
description of lessee's finance lease and maturity analysis of finance lease liability." } } }, "auth_ref": [ "r917" ] }, "us-gaap_LesseeLeaseDescriptionLineItems": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeLeaseDescriptionLineItems", "presentation": [
"http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Lessee, Lease, Description [Line Items]", "label": "Lessee, Lease, Description [Line Items]", "documentation": "Line items represent financial concepts included
in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [ "r926",
"r936" ] }, "us-gaap_LesseeLeaseDescriptionTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeLeaseDescriptionTable",
"presentation": [ "http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Lessee, Lease, Description [Table]", "label": "Lessee, Lease, Description [Table]", "documentation": "Disclosure of information about lessee's leases." }
} }, "auth_ref": [ "r926", "r936" ] }, "nix_LesseeLeaseRenewalTerm": { "xbrltype": "durationItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"LesseeLeaseRenewalTerm", "presentation": [ "http://www.nisource.com/role/LeasesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Lessee, Lease Renewal
Term", "label": "Lessee, Lease Renewal Term", "documentation": "Lessee, Lease Renewal Term" } } }, "auth_ref": [] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Lessee, Operating Lease, Liability, Payments, Due", "verboseLabel": "Operating Leases, Future Minimum Payments Due", "label": "Lessee, Operating Lease, Liability, to be
Paid", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Operating Leases, Future Minimum Payments, Due Thereafter", "label": "Lessee, Operating Lease, Liability, to be Paid, after Year Five", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for operating lease due after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Operating Leases, Future Minimum Payments Due, Next Twelve Months", "label": "Lessee, Operating Lease, Liability, to be Paid, Year One", "documentation": "Amount of
lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when
interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LesseeOperatingLeaseLiabilityPaymentsDueYearFive", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Operating Leases, Future Minimum Payments, Due in Five Years", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Five", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for operating lease to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LesseeOperatingLeaseLiabilityPaymentsDueYearFour", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Operating Leases, Future Minimum Payments, Due in Four Years", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Four", "documentation": "Amount of lessee's
undiscounted obligation for lease payment for operating lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim
periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [ "r934" ] }, "us-
gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LesseeOperatingLeaseLiabilityPaymentsDueYearThree", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Operating Leases, Future Minimum Payments, Due in Three Years", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Three", "documentation": "Amount of lessee's
```

undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r934"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueYearTwo", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": "nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 8.0 } }, "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Leases, Future Minimum Payments, Due in Two Years", "label": "Lessee, Operating Lease, Liability, to be Paid, Year Two", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r934"] }, "us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityUndiscountedExcessAmount", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Lessee, Operating Lease, Liability, Undiscounted Excess Amount", "label": "Lessee, Operating Lease, Liability, Undiscounted Excess Amount", "documentation": "Amount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease." } } }, "auth_ref": ["r934"] }, "us-gaap_LesseeOperatingLeaseRenewalTerm": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseRenewalTerm", "presentation": ["http://www.nisource.com/role/LeasesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Lessee, Operating Lease, Renewal Term", "label": "Lessee, Operating Lease, Renewal Term", "documentation": "Term of lessee's operating lease renewal, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r1668"] }, "us-gaap_LesseeOperatingLeaseTermOfContract": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseTermOfContract", "presentation": ["http://www.nisource.com/role/LeasesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Lessee, Operating Lease, Term of Contract", "label": "Lessee, Operating Lease, Term of Contract", "documentation": "Term of lessee's operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r1668"] }, "us-gaap_LesseeOperatingLeasesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeasesTextBlock", "presentation": ["http://www.nisource.com/role/Leases"], "lang": { "en-us": { "role": { "terseLabel": "Lessee, Operating Leases", "label": "Lessee, Operating Leases [Text Block]", "documentation": "The entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability." } } }, "auth_ref": ["r917"] }, "us-gaap_Liabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Liabilities", "crdr": "credit", "calculation": { "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total liabilities(1)(2)", "label": "Liabilities", "documentation": "Amount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others." } } }, "auth_ref": ["r25", "r118", "r119", "r120", "r124", "r125", "r126", "r129", "r348", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r844", "r848", "r849", "r902", "r1119", "r1215", "r1303", "r1532", "r1672", "r1673"] }, "us-gaap_LiabilitiesAndStockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquity", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total Capitalization and Liabilities", "label": "Liabilities and Equity", "documentation": "Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any." } } }, "auth_ref": ["r137", "r196", "r1028", "r1277", "r1464", "r1506", "r1663"] }, "us-gaap_LiabilitiesAndStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesAndStockholdersEquityAbstract", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "CAPITALIZATION AND LIABILITIES", "label": "Liabilities and Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 }, "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "totalLabel": "Total Current Liabilities", "terseLabel": "Current liabilities", "label": "Liabilities, Current", "documentation": "Total obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer." } } }, "auth_ref": ["r120", "r293", "r348", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r844", "r848", "r849", "r902", "r1277", "r1532", "r1672", "r1673"] }, "us-gaap_LiabilitiesCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesCurrentAbstract", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Current Liabilities", "label": "Liabilities, Current [Abstract]" } } }, "auth_ref": [] }, "us-gaap_LiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical"], "lang": { "en-us": { "role": { "totalLabel": "Total Other Liabilities(1)", "terseLabel": "Liabilities, Noncurrent", "label": "Liabilities, Noncurrent", "documentation": "Amount of obligation due after one year or beyond the normal operating cycle, if longer." } } }, "auth_ref": ["r25", "r124", "r125", "r126", "r129", "r348", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r844", "r848", "r849", "r902", "r1532", "r1672", "r1673"] }, "us-gaap_LiabilitiesNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LiabilitiesNoncurrentAbstract", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Other Liabilities", "label": "Liabilities, Noncurrent [Abstract]" } } }, "auth_ref": [] }, "nix_LiabilityEstimateForUnrecoverableCCRCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LiabilityEstimateForUnrecoverableCCRCosts", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Liability Estimate for Unrecoverable CCR Costs", "label": "Liability Estimate for Unrecoverable CCR Costs", "documentation": "Liability Estimate for Unrecoverable CCR Costs" } } }, "auth_ref": [] }, "nix_LiabilityForEstimatedRemediationCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LiabilityForEstimatedRemediationCosts", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Liability for estimated remediation costs", "label": "Liability for Estimated Remediation Costs", "documentation": "Liability for Estimated Remediation Costs" } } }, "auth_ref": [] }, "us-gaap_LimitedPartnersContributedCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LimitedPartnersContributedCapital", "crdr": "credit", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Limited Partners' Contributed Capital", "label": "Limited Partners' Contributed Capital", "documentation": "The amount of capital contributed by the limited partners." } } }, "auth_ref": ["r169"] }, "nix_LimitofGCAVolumes": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LimitofGCAVolumes", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Limit of GCA Volumes", "label": "Limit of GCA Volumes", "documentation": "Limit of GCA Volumes" } } }, "auth_ref": [] }, "nix_LindeInc.Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LindeInc.Member", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Linde Inc.", "label": "Linde Inc. [Member]", "documentation": "Linde Inc." } } }, "auth_ref": [] }, "us-gaap_LineOfCredit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCredit", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Line of Credit Facility, Amount Outstanding", "label": "Long-Term Line of Credit", "documentation": "The carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement." } } }, "auth_ref": ["r25", "r194", "r1684"] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": ["http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Revolving credit facility, maximum", "label": "Line of Credit Facility, Maximum Borrowing Capacity", "documentation": "Maximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility." } } }, "auth_ref": ["r117", "r123"] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://www.nisource.com/role/DocumentAndEntityInformation"], "lang": { "en-us": { "role": { "terseLabel": "Local Phone Number", "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongTermDebtAndCapitalLeaseObligations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligations", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_CapitalizationLongtermDebtAndEquity", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt, excluding amounts due within one year", "terseLabel": "Long-term Debt and Lease Obligation", "label": "Long-Term Debt and Lease Obligation", "documentation": "Amount of long-term debt and lease obligation, classified as noncurrent." } } }, "auth_ref": ["r25", "r1021"] }, "us-gaap_LongTermDebtAndCapitalLeaseObligationsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtAndCapitalLeaseObligationsCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Current portion of long-term debt", "label": "Long-Term Debt and Lease Obligation, Current", "documentation": "Amount of long-term debt and lease obligation, classified as current." } } }, "auth_ref": ["r119"] }, "us-gaap_LongTermDebtCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtCurrent", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Long-Term Debt, Current Maturities", "label": "Long-Term Debt, Current Maturities", "documentation": "Amount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation." } } }, "auth_ref": ["r301"] }, "us-gaap_LongTermDebtFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtFairValue", "crdr": "credit", "presentation": ["http://www.nisource.com/role/FairValueCarryingAmountAndEstimatedFairValuesOfFinancialInstrumentsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Long-term debt (including current portion), Estimated Fair Value", "label": "Long-Term Debt, Fair Value", "documentation": "The fair value amount of long-term debt whether such amount is presented as a separate caption or as a parenthetical disclosure. Additionally, this element may be used in connection with the fair value disclosures required in the footnote disclosures to the financial statements. The element may be used in both the balance sheet and disclosure in the same submission." } } }, "auth_ref": ["r1648", "r1650", "r1651", "r1652"] }, "us-gaap_LongTermDebtTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermDebtTextBlock", "presentation": ["http://www.nisource.com/role/LongTermDebt"], "lang": { "en-us": { "role": { "verboseLabel": "Long-Term Debt", "label": "Long-Term Debt [Text Block]", "documentation": "The entire disclosure for long-term debt." } } }, "auth_ref": ["r159"] }, "us-gaap_LongTermPurchaseCommitmentByCategoryOfItemPurchasedAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermPurchaseCommitmentByCategoryOfItemPurchasedAxis", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Category of Item Purchased [Axis]", "label": "Category of Item Purchased [Axis]", "documentation": "Information by category of items purchased under a long-term purchase

```
commitment." } } }, "auth_ref": [] }, "us-gaap_LongTermPurchaseCommitmentCategoryOfItemPurchasedDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongTermPurchaseCommitmentCategoryOfItemPurchasedDomain", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-term Purchase Commitment, Category of Item Purchased [Domain]", "label": "Long-Term Purchase Commitment, Category of Item Purchased [Domain]",
"documentation": "General description of the goods or services to be purchased from the counterparty to the long-term purchase commitment." } } }, "auth_ref": [] },
"nix_LongTermPurchaseCommitmentExpirationYear": { "xbrltype": "gYearItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"LongTermPurchaseCommitmentExpirationYear", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Long Term Purchase Commitment Expiration Year", "label": "Long Term Purchase Commitment Expiration Year", "documentation": "Long term
purchase commitment expiration year" } } }, "auth_ref": [] }, "us-gaap_LongTermPurchaseCommitmentLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "LongTermPurchaseCommitmentLineItems", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Purchase Commitment [Line Items]", "label": "Long-Term Purchase Commitment [Line Items]", "documentation": "Line items represent financial concepts
included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": []
}, "us-gaap_LongTermPurchaseCommitmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"LongTermPurchaseCommitmentTable", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Purchase Commitment [Table]", "label": "Long-Term Purchase Commitment [Table]", "documentation": "Disclosure of information about long-term purchase
arrangement. Includes, but is not limited to, term of arrangement with supplier, minimum quantity required, milestone, period covered by arrangement, and committed
amount. Excludes short-term purchase arrangement and unconditional purchase obligation." } } }, "auth_ref": [] }, "us-gaap_LongtermDebtCurrentAndNoncurrentAbstract": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LongtermDebtCurrentAndNoncurrentAbstract", "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Current and Noncurrent [Abstract]", "label": "Long-Term Debt, Current and Noncurrent [Abstract]" } } }, "auth_ref": [] },
"nix_LongtermDebtFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"LongtermDebtFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments Due", "label": "Long-term Debt, Future Minimum Payments Due", "documentation": "Long-term Debt, Future Minimum
Payments Due" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments Due, Next Twelve Months", "label": "Long-term Debt, Future Minimum Payments Due, Next Twelve Months", "documentation":
"Long-term Debt, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueThereafter": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments, Due Thereafter", "label": "Long-term Debt, Future Minimum Payments, Due Thereafter", "documentation": "Long-term Debt,
Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments, Due in Five Years", "label": "Long-term Debt, Future Minimum Payments, Due in Five Years", "documentation": "Long-term
Debt, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueinFourYears": { "xbrltype": "monetaryItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments, Due in Four Years", "label": "Long-term Debt, Future Minimum Payments, Due in Four Years", "documentation": "Long-term
Debt, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueinThreeYears": { "xbrltype": "monetaryItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments, Due in Three Years", "label": "Long-term Debt, Future Minimum Payments, Due in Three Years", "documentation": "Long-term
Debt, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] }, "nix_LongtermDebtFutureMinimumPaymentsDueinTwoYears": { "xbrltype": "monetaryItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "LongtermDebtFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Long-term Debt, Future Minimum Payments, Due in Two Years", "label": "Long-term Debt, Future Minimum Payments, Due in Two Years", "documentation": "Long-term
Debt, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] }, "us-gaap_LongtermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "LongtermDebtTypeAxis", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Axis]", "label": "Long-Term Debt, Type [Axis]", "documentation": "Information by type of long-term debt." } }
}, "auth_ref": [ "r25", "r1517", "r1518", "r1519" ] }, "us-gaap_LongtermDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "LongtermDebtTypeDomain", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Long-term Debt, Type [Domain]", "label": "Long-Term Debt, Type [Domain]", "documentation": "Type of long-term debt
arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing. These are debt arrangements that originally
required repayment more than twelve months after issuance or greater than the normal operating cycle of the company, if longer." } } }, "auth_ref": [ "r25", "r54", "r1517",
"r1518", "r1519" ] }, "nix_LongtermLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "LongtermLeaseLiability",
"crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Long-term Lease Liability", "label":
"Long-term Lease Liability", "documentation": "Long-term Lease Liability" } } }, "auth_ref": [] }, "us-gaap_LossContingenciesByNatureOfContingencyAxis": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LossContingenciesByNatureOfContingencyAxis", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Loss Contingencies by Nature of
Contingency [Axis]", "label": "Loss Contingency Nature [Axis]", "documentation": "Information by type of existing condition, situation, or set of circumstances involving
uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur." } } }, "auth_ref": [ "r575", "r576",
"r577", "r581", "r777", "r1073", "r1233", "r1524", "r1525" ] }, "us-gaap_LossContingencyNatureDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "LossContingencyNatureDomain", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Loss Contingency, Nature [Domain]", "label": "Loss Contingency, Nature [Domain]", "documentation": "An existing condition, situation, or
set of circumstances involving uncertainty as to possible loss to an enterprise that will ultimately be resolved when one or more future events occur or fail to occur. Resolution
of the uncertainty may confirm the incurrence of a loss or impairment of an asset or the incurrence of a liability." } } }, "auth_ref": [ "r575", "r576", "r577", "r581", "r777",
"r1073", "r1233", "r1524", "r1525" ] }, "srt_MajorCustomersAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MajorCustomersAxis",
"presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails",
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Customer [Axis]", "label": "Customer [Axis]",
"documentation": "Information by name or description of a single external customer or a group of external customers." } } }, "auth_ref": [ "r449", "r1242", "r1280", "r1284",
"r1539", "r1685", "r1688", "r1689", "r1691", "r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702", "r1703", "r1704", "r1705",
"r1706", "r1707", "r1708", "r1709", "r1710", "r1711", "r1712", "r1713", "r1715", "r1716" ] }, "nix_MajorRailOperators": { "xbrltype": "integerItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "MajorRailOperators", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Major Rail Operators", "label": "Major Rail
Operators", "documentation": "Major Rail Operators" } } }, "auth_ref": [] }, "nix_MassachusettsBusinessDomain": { "xbrltype": "domainItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "MassachusettsBusinessDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Massachusetts
Business [Domain]", "label": "Massachusetts Business [Domain]", "documentation": "Massachusetts Business" } } }, "auth_ref": [] }, "us-
gaap_MaximumLengthOfTimeHedgedInInterestRateCashFlowHedge1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"MaximumLengthOfTimeHedgedInInterestRateCashFlowHedge1", "presentation": [
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Maximum Length of Time
Hedged in Interest Rate Cash Flow Hedge", "label": "Maximum Length of Time Hedged in Interest Rate Cash Flow Hedge", "documentation": "Maximum period of hedging
exposure to variability in future cash flows for forecasted transaction of interest rate cash flow hedge, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the
reported fact of one year, five months, and thirteen days. Excludes forecasted transaction for payment of variable interest on existing financial instrument." } } }, "auth_ref": [
"r16" ] }, "srt_MaximumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MaximumMember", "presentation": [
"http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/LeasesLeaseMaturityDetails",
"http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LongTermDebtNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails",
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails",
"http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Maximum", "label": "Maximum [Member]", "documentation": "Upper limit of the provided range." } } }, "auth_ref": [ "r259", "r260", "r261", "r262", "r263",
```

```
"r282", "r283", "r576", "r577", "r579", "r580", "r733", "r777", "r885", "r986", "r1059", "r1060", "r1073", "r1111", "r1112", "r1165", "r1170", "r1174", "r1175", "r1185", "r1200", "r1201", "r1226", "r1239", "r1257", "r1268", "r1269", "r1273", "r1274", "r1281", "r1536", "r1674", "r1675", "r1676", "r1677", "r1678", "r1679" ] }, "ecd_MeasureAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureAxis", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Measure:", "label": "Measure [Axis]" } } }, "auth_ref": [ "r1366" ] }, "ecd_MeasureName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MeasureName", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Name", "label": "Measure Name" } } }, "auth_ref": [ "r1366" ] }, "us-gaap_MediumTermNotes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MediumTermNotes", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Medium-Term Notes", "label": "Medium-Term Note", "documentation": "Amount of debt instrument classified as medium-term." } } }, "auth_ref": [ "r25", "r194", "r1684" ] }, "us-gaap_MediumTermNotesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MediumTermNotesMember", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Medium-Term Note", "label": "Medium-Term Note [Member]", "documentation": "Debt instruments with maturities ranging from five to ten years." } } }, "auth_ref": [] }, "us-gaap_MediumtermNotesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MediumtermNotesCurrent", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Medium-Term Note, Current", "label": "Medium-Term Note, Current", "documentation": "Amount of debt instrument classified as medium-term and current." } } }, "auth_ref": [ "r119", "r191" ] }, "nix_MgpSitesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "MgpSitesMember", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "MGP Sites", "label": "Mgp Sites [Member]" } } }, "auth_ref": [] }, "nix_MichaelJesanisMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "MichaelJesanisMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "label": "Michael Jesanis [Member]", "documentation": "Michael Jesanis" } } }, "auth_ref": [] }, "srt_MinimumMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "MinimumMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Minimum", "label": "Minimum [Member]", "documentation": "Lower limit of the provided range." } } }, "auth_ref": [ "r259", "r260", "r261", "r262", "r263", "r282", "r283", "r576", "r577", "r579", "r580", "r733", "r777", "r885", "r986", "r1059", "r1060", "r1073", "r1111", "r1112", "r1165", "r1170", "r1174", "r1175", "r1185", "r1200", "r1201", "r1226", "r1239", "r1257", "r1268", "r1269", "r1273", "r1281", "r1536", "r1674", "r1675", "r1676", "r1677", "r1678", "r1679" ] }, "us-gaap_MinorityInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterest", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling interest in consolidated subsidiaries", "label": "Equity, Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": [ "r136", "r195", "r348", "r492", "r588", "r591", "r592", "r593", "r597", "r598", "r902", "r1027", "r1122" ] }, "us-gaap_MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "terseLabel": "Distributions to Noncontrolling Interest Holders", "label": "Noncontrolling Interest, Decrease from Distributions to Noncontrolling Interest Holders", "documentation": "Decrease in noncontrolling interest balance from payment of dividends or other distributions by the non-wholly owned subsidiary or partially owned entity, included in the consolidation of the parent entity, to the noncontrolling interest holders." } } }, "auth_ref": [ "r168" ] }, "us-gaap_MinorityInterestDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/VariableInterestEntities" ], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest Disclosure", "label": "Noncontrolling Interest Disclosure [Text Block]", "documentation": "The entire disclosure for noncontrolling interest in consolidated subsidiaries, which could include the name of the subsidiary, the ownership percentage held by the parent, the ownership percentage held by the noncontrolling owners, the amount of the noncontrolling interest, the location of this amount on the balance sheet (when not reported separately), an explanation of the increase or decrease in the amount of the noncontrolling interest, the noncontrolling interest share of the net Income or Loss of the subsidiary, the location of this amount on the income statement (when not reported separately), the nature of the noncontrolling interest such as background information and terms, the amount of the noncontrolling interest represented by preferred stock, a description of the preferred stock, and the dividend requirements of the preferred stock." } } }, "auth_ref": [ "r178" ] }, "us-gaap_MinorityInterestOwnershipPercentageByNoncontrollingOwners": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestOwnershipPercentageByNoncontrollingOwners", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsidiary, Ownership Percentage, Noncontrolling Owner", "label": "Subsidiary, Ownership Percentage, Noncontrolling Owner", "documentation": "The equity interest of noncontrolling shareholders, partners or other equity holders in consolidated entity." } } }, "auth_ref": [] }, "us-gaap_MinorityInterestOwnershipPercentageByParent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MinorityInterestOwnershipPercentageByParent", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsidiary, Ownership Percentage, Parent", "label": "Subsidiary, Ownership Percentage, Parent", "documentation": "The parent entity's interest in net assets of the subsidiary, expressed as a percentage." } } }, "auth_ref": [] }, "nix_Misc.Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Misc.Member", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Miscellaneous", "label": "Misc. [Member]", "documentation": "Misc. [Member]" } } }, "auth_ref": [] }, "nix_MiscellaneousNonOperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "MiscellaneousNonOperatingIncomeExpense", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Miscellaneous", "label": "Miscellaneous Non-Operating Income (Expense)", "documentation": "Miscellaneous Non-Operating Income (Expense)" } } }, "auth_ref": [] }, "ecd_MnpiDiscTimedForCompValFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MnpiDiscTimedForCompValFlag", "presentation": [ "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "MNPI Disclosure Timed for Compensation Value", "label": "MNPI Disclosure Timed for Compensation Value [Flag]" } } }, "auth_ref": [ "r1386" ] }, "nix_MortgagesAssetBackedSecuritiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "MortgagesAssetBackedSecuritiesMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Mortgages/ Asset backed securities", "label": "Mortgages/ Asset backed securities [Member]", "documentation": "Mortgages/ Asset backed securities" } } }, "auth_ref": [] }, "ecd_MtrlTermsOfTrdArrTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrlTermsOfTrdArrTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Material Terms of Trading Arrangement", "label": "Material Terms of Trading Arrangement [Text Block]" } } }, "auth_ref": [ "r1394" ] }, "nix_MutualFundsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "MutualFundsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Mutual Funds [Member]", "label": "Mutual Funds [Member]", "documentation": "Mutual Funds [Member]" } } }, "auth_ref": [] }, "nix_NIPSCOElectricGenerationMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOElectricGenerationMember", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO Electric Generation", "label": "NIPSCO Electric Generation [Member]", "documentation": "NIPSCO Electric Generation" } } }, "auth_ref": [] }, "nix_NIPSCOElectricMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOElectricMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO - Electric", "label": "NIPSCO - Electric [Member]", "documentation": "NIPSCO - Electric [Member]" } } }, "auth_ref": [] }, "nix_NIPSCOGasDistributionMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOGasDistributionMember", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO Gas Distribution", "label": "NIPSCO Gas Distribution [Member]", "documentation": "NIPSCO Gas Distribution" } } }, "auth_ref": [] }, "nix_NIPSCOHoldingsIIMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOHoldingsIIMember", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO Holdings II", "label": "NIPSCO Holdings II [Member]", "documentation": "NIPSCO Holdings II" } } }, "auth_ref": [] }, "nix_NIPSCOMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOMember", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO", "label": "NIPSCO [Member]", "documentation": "NIPSCO [Member]" } } }, "auth_ref": [] }, "nix_NIPSCOOperationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOOperationsMember", "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO Operations", "label": "NIPSCO Operations [Member]", "documentation": "NIPSCO Operations" } } }, "auth_ref": [] }, "nix_NIPSCOsCashContribution": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NIPSCOsCashContribution", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NIPSCO's Cash Contribution", "label": "NIPSCO's Cash Contribution", "documentation": "NIPSCO's Cash Contribution" } } }, "auth_ref": [] }, "nix_NOEPSMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NOEPSMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NOEPS", "label": "NOEPS [Member]", "documentation": "NOEPS [Member]" } } }, "auth_ref": [] }, "srt_NameOfMajorCustomerDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "NameOfMajorCustomerDomain", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Customer [Domain]", "label": "Customer [Domain]", "documentation": "Single external customer or group of external customers." } } } }, "auth_ref": [ "r449", "r1242", "r1280", "r1284", "r1539", "r1685", "r1688", "r1689", "r1691", "r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702", "r1703", "r1704", "r1705", "r1706", "r1707", "r1708", "r1709", "r1710", "r1711", "r1712", "r1713", "r1715", "r1716" ] }, "ecd_NamedExecutiveOfficersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NamedExecutiveOfficersFnTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Named Executive Officers, Footnote", "label": "Named Executive
```

Officers, Footnote [Text Block]" } } }, "auth_ref": { "r1367" } }, "nix_NameplateCapacity": { "xbrltype": "powerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NameplateCapacity", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Nameplate Capacity", "label": "Nameplate Capacity", "documentation": "Nameplate Capacity" } } }, "auth_ref": [] }, "srt_NaturalGasReservesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "NaturalGasReservesMember", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Natural Gas", "label": "Natural Gas [Member]", "documentation": "Natural gas composed primarily of methane gas, excluding liquid or condensate natural gas." } } }, "auth_ref": ["r246", "r995", "r996", "r997", "r998", "r999", "r1000", "r1001", "r1002", "r1003", "r1004", "r1005"] }, "nix_NetAssetValueExcludedFromFairValueByInput": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NetAssetValueExcludedFromFairValueByInput", "crdr": "debit", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Asset Value Excluded From Fair Value By Input", "label": "Net Asset Value Excluded From Fair Value By Input", "documentation": "Net Asset Value Excluded From Fair Value By Input" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net Cash Flows (used for) from Financing Activities", "label": "Net Cash Provided by (Used in) Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": ["r340"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Financing Activities", "label": "Net Cash Provided by (Used in) Financing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net Cash Flows used for Investing Activities", "label": "Net Cash Provided by (Used in) Investing Activities", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } }, "auth_ref": ["r340"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Investing Activities", "label": "Net Cash Provided by (Used in) Investing Activities [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "totalLabel": "Net Cash Flows from Operating Activities", "label": "Net Cash Provided by (Used in) Operating Activities", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": ["r150", "r151", "r153"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Operating Activities", "label": "Net Cash Provided by (Used in) Operating Activities [Abstract]" } } }, "auth_ref": [] }, "nix_NetChangeInCommercialPaperAndOtherShortTermBorrowings": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NetChangeInCommercialPaperAndOtherShortTermBorrowings", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"], "lang": { "en-us": { "role": { "terseLabel": "Net change in commercial paper and other short-term borrowings", "label": "Net Change in Commercial Paper And Other Short-term Borrowings", "documentation": "Net Change in Commercial Paper And Other Short-term Borrowings" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss", "http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "totalLabel": "Net Income attributable to NiSource", "terseLabel": "Net Income (Loss) Attributable to NiSource", "label": "Net Income (Loss) Attributable to Parent", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": ["r142", "r153", "r203", "r291", "r321", "r324", "r329", "r348", "r366", "r371", "r372", "r373", "r374", "r375", "r378", "r379", "r403", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r831", "r841", "r879", "r902", "r1034", "r1141", "r1157", "r1158", "r1301", "r1532"] }, "us-gaap_NetIncomeLossAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAttributableToNoncontrollingInterest", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NetIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net income (loss) attributable to noncontrolling interest", "label": "Net Income (Loss) Attributable to Noncontrolling Interest", "documentation": "Amount of Net Income (Loss) attributable to noncontrolling interest." } } }, "auth_ref": ["r90", "r181", "r321", "r324", "r375", "r378", "r379", "r1033", "r1455"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAvailableToCommonStockholdersBasic", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "Net Income Available to Common Shareholders", "terseLabel": "Net Income Available to Common Shareholders", "label": "Net Income (Loss) Available to Common Stockholders, Basic", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, of income (loss) available to common shareholders." } } }, "auth_ref": ["r334", "r371", "r372", "r373", "r374", "r383", "r384", "r404", "r407", "r841"] }, "us-gaap_NetIncomeLossAvailableToCommonStockholdersDiluted": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossAvailableToCommonStockholdersDiluted", "crdr": "credit", "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Income Available to Common Shareholders - Diluted", "label": "Net Income (Loss) Available to Common Stockholders, Diluted", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, and addition from assumption of issuance of common shares for dilutive potential common shares; of income (loss) available to common shareholders." } } }, "auth_ref": ["r334", "r385", "r392", "r393", "r394", "r395", "r404", "r407"] }, "us-gaap_NetIncomeLossFromContinuingOperationsAvailableToCommonShareholdersBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLossFromContinuingOperationsAvailableToCommonShareholdersBasic", "crdr": "credit", "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Income (Loss) from Continuing Operations Available to Common Shareholders, Basic", "label": "Net Income (Loss) from Continuing Operations Available to Common Shareholders, Basic", "documentation": "Amount, after deduction of tax, noncontrolling interests, dividends on preferred stock and participating securities, of income (loss) from continuing operations available to common shareholders." } } }, "auth_ref": ["r384", "r407"] }, "nix_NetProceedsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NetProceedsMember", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Proceeds", "label": "Net Proceeds [Member]", "documentation": "Net Proceeds [Member]" } } }, "auth_ref": [] }, "nix_NetProcessFromSale": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NetProcessFromSale", "crdr": "debit", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Net Process from Sale", "label": "Net Process from Sale", "documentation": "Net Process from Sale" } } }, "auth_ref": [] }, "us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract", "lang": { "en-us": { "role": { "terseLabel": "New Accounting Pronouncements and Changes in Accounting Principles [Abstract]", "label": "Accounting Standards Update and Change in Accounting Principle [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncements"], "lang": { "en-us": { "role": { "terseLabel": "Recent Accounting Pronouncements", "label": "Accounting Standards Update and Change in Accounting Principle [Text Block]", "documentation": "The entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle." } } }, "auth_ref": ["r244", "r289", "r364", "r365", "r368", "r369", "r380", "r381", "r451", "r498", "r499", "r829", "r830", "r832", "r841", "r863", "r875", "r938", "r944", "r945", "r992", "r993", "r994", "r1067", "r1068", "r1069", "r1070", "r1072"] }, "us-gaap_NewAccountingPronouncementsOrChangeInAccountingPrincipleLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsOrChangeInAccountingPrincipleLineItems", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "New Accounting Pronouncements or Change in Accounting Principle [Line Items]", "label": "New Accounting Pronouncements or Change in Accounting Principle [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r284", "r285", "r286", "r287", "r288", "r289", "r363", "r366", "r367", "r368", "r370", "r373", "r380", "r411", "r450", "r451", "r494", "r495", "r496", "r497", "r500", "r501", "r502", "r503", "r504", "r505", "r552", "r553", "r557", "r812", "r813", "r814", "r815", "r816", "r823", "r824", "r825", "r826", "r827", "r828", "r830", "r831", "r832", "r834", "r835", "r836", "r837", "r838", "r839", "r840", "r841", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r863", "r864", "r865", "r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879", "r899", "r900", "r914", "r915", "r916", "r937", "r939", "r940", "r941", "r942", "r943", "r989", "r990", "r991", "r1061", "r1062", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1074"] }, "us-gaap_NewAccountingPronouncementsOrChangeInAccountingPrincipleTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsOrChangeInAccountingPrincipleTable", "presentation": ["http://www.nisource.com/role/RecentAccountingPronouncementsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Accounting Standards Update and Change in Accounting Principle [Table]", "label": "Accounting Standards Update and Change in Accounting Principle [Table]", "documentation": "Disclosure of information about change in accounting principle or amendment to accounting standards or both. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards and other change in accounting principle." } } }, "auth_ref": ["r42", "r284", "r285", "r286", "r287", "r288", "r289", "r363", "r366", "r367", "r368", "r370", "r373", "r380", "r411", "r450", "r451", "r494", "r495", "r496", "r497", "r500", "r501", "r502", "r503", "r504", "r505", "r552", "r553", "r557", "r812", "r813", "r814", "r815", "r816", "r823", "r824", "r825", "r826", "r827", "r828", "r830", "r831", "r832", "r834", "r835", "r836", "r837", "r838", "r839", "r840", "r841", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r864", "r865", "r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879", "r899", "r900", "r914", "r915", "r916", "r937", "r939", "r940", "r941", "r942", "r943", "r989", "r990", "r991", "r1061", "r1062", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072", "r1074"] }, "nix_NiSourceCorporateServicesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NiSourceCorporateServicesMember", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails"], "lang": { "en-us": { "role": { "terseLabel": "NiSource Corporate Services", "label": "Ni Source Corporate Services [Member]", "documentation": "NiSource corporate services." } } }, "auth_ref": [] }, "nix_NiSourceElectricGenerationAndPowerDeliveryMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":

```
"NiSourceElectricGenerationAndPowerDeliveryMember", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NiSource Electric Generation and Power Delivery", "label": "NiSource Electric Generation and Power Delivery [Member]", "documentation": "NiSource Electric Generation and Power Delivery" } } }, "auth_ref": [] }, "nix_NiSourceGasDistributionMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NiSourceGasDistributionMember", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NiSource Gas Distribution", "label": "NiSource Gas Distribution [Member]", "documentation": "NiSource Gas Distribution" } } }, "auth_ref": [] }, "nix_NiSourceMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NiSourceMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails",
"http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "NiSource", "label": "NiSource [Member]", "documentation": "NiSource [Member]" } } }, "auth_ref": [] }, "ecd_NonGaapMeasureDescriptionTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonGaapMeasureDescriptionTextBlock", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Non-GAAP Measure Description", "label": "Non-GAAP Measure Description [Text Block]" } } }, "auth_ref": [ "r1366" ] }, "ecd_NonNeosMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonNeosMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Non-NEOs", "label": "Non-NEOs [Member]" } } }, "auth_ref": [
"r1329", "r1340", "r1350", "r1374", "r1383" ] }, "ecd_NonPeoNeoAvgCompActuallyPaidAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024",
"localname": "NonPeoNeoAvgCompActuallyPaidAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO Average Compensation Actually Paid Amount", "label": "Non-PEO NEO Average Compensation Actually Paid Amount" } } }, "auth_ref": [ "r1357" ] },
"ecd_NonPeoNeoAvgTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoAvgTotalCompAmt", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO Average Total Compensation Amount", "label": "Non-PEO NEO Average Total Compensation Amount" } } }, "auth_ref": [ "r1356" ] }, "ecd_NonPeoNeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonPeoNeoMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Non-PEO NEO", "label": "Non-PEO NEO [Member]" } } }, "auth_ref": [ "r1374" ] }, "ecd_NonRule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrAdoptedFlag", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Adopted", "label": "Non-Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": [ "r1394" ] }, "ecd_NonRule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "NonRule10b51ArrTrmntdFlag", "presentation": [
"http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Non-Rule 10b5-1 Arrangement Terminated", "label": "Non-Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": [ "r1394" ] }, "nix_NonUtilityAndOtherMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NonUtilityAndOtherMember", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Non-Utility And Other", "label": "Non Utility And Other [Member]", "documentation": "Non utility and other" } } }, "auth_ref": [] }, "us-gaap_NoncashOrPartNoncashAcquisitionFixedAssetsAcquired1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncashOrPartNoncashAcquisitionFixedAssetsAcquired1", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets acquired under a finance lease", "label": "Noncash or Part Noncash Acquisition, Fixed Assets Acquired", "documentation": "The amount of fixed assets that an Entity acquires in a noncash (or part noncash) acquisition. Noncash is defined as information about all investing and financing activities of an enterprise during a period that affect recognized assets or liabilities but that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": [ "r39", "r40", "r41" ] },
"nix_NoncashorPartNoncashAcquisitionFixedAssetsAcquiredOperatingLease": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NoncashorPartNoncashAcquisitionFixedAssetsAcquiredOperatingLease", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Assets acquired under an operating lease", "label": "Noncash or Part Noncash Acquisition, Fixed Assets Acquired Operating Lease", "documentation": "Noncash or Part Noncash Acquisition, Fixed Assets Acquired Operating Lease" } } }, "auth_ref": [] }, "nix_NoncashtransactionsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NoncashtransactionsAbstract", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Non-cash transactions:", "label": "Non-cash transactions [Abstract]", "documentation": "Non-cash transactions [Abstract]" } } }, "auth_ref": [] }, "us-gaap_NoncontrollingInterestAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestAbstract", "lang": { "en-us": { "role": { "label": "Noncontrolling Interest [Abstract]" } } }, "auth_ref": [] }, "nix_NoncontrollingInterestCashContributionsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NoncontrollingInterestCashContributionsTableTextBlock", "presentation": [
"http://www.nisource.com/role/VariableInterestEntitiesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest Cash Contributions", "label": "Noncontrolling Interest Cash Contributions [Table Text Block]", "documentation": "Noncontrolling Interest Cash Contributions" } } }, "auth_ref": [] }, "us-gaap_NoncontrollingInterestIncreaseFromSubsidiaryEquityIssuance": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestIncreaseFromSubsidiaryEquityIssuance", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Contribution from noncontrolling interest", "label": "Noncontrolling Interest, Increase from Subsidiary Equity Issuance", "documentation": "Amount of increase in noncontrolling interest from subsidiary issuance of equity interests to noncontrolling interest holders." } } }, "auth_ref": [ "r17", "r68", "r180" ] }, "us-gaap_NoncontrollingInterestMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NoncontrollingInterestMember", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "terseLabel": "Noncontrolling Interest in Consolidated Subsidiaries", "label": "Noncontrolling Interest [Member]", "documentation": "This element represents that portion of equity (net assets) in a subsidiary not attributable, directly or indirectly, to the parent. A noncontrolling interest is sometimes called a minority interest." } } }, "auth_ref": [ "r81", "r635", "r1471", "r1472", "r1473", "r1476", "r1722" ] }, "us-gaap_NonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpense", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Total Other Deductions, Net", "label": "Nonoperating Income (Expense)", "documentation": "The aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business)." } } }, "auth_ref": [ "r144" ] }, "us-gaap_NonrelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonrelatedPartyMember", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Nonrelated Party", "label": "Nonrelated Party [Member]", "documentation": "Party not related to reporting entity." } } }, "auth_ref": [ "r1467", "r1468" ] },
"nix_NoteRedeemedSeptember2020Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NoteRedeemedSeptember2020Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Note Redeemed September 2020 [Member]", "label": "Note Redeemed September 2020 [Member]", "documentation": "Note Redeemed September 2020" } } }, "auth_ref": [] },
"nix_NumberOfCustomers": { "xbrltype": "integerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NumberOfCustomers", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Number of customers", "label": "Number Of Customers", "documentation": "Number of customers" } } }, "auth_ref": [] }, "us-gaap_NumberOfReportableSegments": { "xbrltype": "integerItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NumberOfReportableSegments", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Number of Reportable Segments", "label": "Number of Reportable Segments", "documentation": "Number of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements." } } }, "auth_ref": [ "r1217", "r1225", "r1481" ] },
"nix_NumberOfWasteDisposalSitesIdentifiedByProgram": { "xbrltype": "integerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "NumberOfWasteDisposalSitesIdentifiedByProgram", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Number of waste disposal sites identified by program", "label": "Number of waste disposal sites identified by program", "documentation": "Number of waste disposal sites identified by program." } } }, "auth_ref": [] }, "nix_ObligationToTheDeveloper": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ObligationToTheDeveloper", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/SupplementalCashFlowInformationDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Obligation to the Developer", "label": "Obligation to the Developer", "documentation": "Obligation to the Developer" } } }, "auth_ref": [] }, "nix_ObligationsToRenewableGenerationAssetDeveloper": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ObligationsToRenewableGenerationAssetDeveloper", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Obligations to renewable generation asset developer", "label": "Obligations to renewable generation asset developer", "documentation": "Obligations to renewable generation asset developer" } } }, "auth_ref": [] },
"nix_OffSystemsSalesSharingMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OffSystemsSalesSharingMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Off-Systems sales sharing", "label": "Off-Systems sales sharing [Member]", "documentation": "Off-Systems sales sharing" } } }, "auth_ref": [] }, "nix_OfficeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OfficeMember", "presentation": [ "http://www.nisource.com/role/LeasesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Office Lease", "label": "Office [Member]", "documentation": "Office [Member]" } } }, "auth_ref": [] }, "nix_OffsystemMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OffsystemMember", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Off-system", "label": "Off-system [Member]", "documentation": "Off-system [Member]" } } }, "auth_ref": [] }, "us-gaap_OperatingCostsAndExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingCostsAndExpenses", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Total Operating Expenses", "label": "Operating Costs and Expenses", "documentation": "Generally recurring costs associated with normal operations except for the portion of these expenses which can be clearly related to production and included in cost of sales or services. Excludes Selling, General and Administrative Expense." } } }, "auth_ref": [] }, "us-gaap_OperatingExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpensesAbstract", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Operating Expenses", "label": "Operating Expenses [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesDomestic", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Operating Income", "verboseLabel": "Operating Income", "label": "Operating Income (Loss)", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": [ "r220", "r1216", "r1479", "r1482", "r1484", "r1485", "r1486" ] }, "us-gaap_OperatingLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseCost", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseCostDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Operating lease cost", "label": "Operating Lease, Cost", "documentation": "Amount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability." } } }, "auth_ref": [ "r929", "r1276" ] }, "us-gaap_OperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiability", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability", "label": "Operating Lease, Liability", "documentation": "Present value of lessee's discounted obligation for lease payments from
```

operating lease." } } }, "auth_ref": ["r920"] }, "us-gaap_OperatingLeaseLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityCurrent", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability, Current", "label": "Operating Lease, Liability, Current", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease, classified as current." } } }, "auth_ref": ["r920"] }, "us-gaap_OperatingLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityCurrentStatementOfFinancialPositionExtensibleList", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability, Current, Statement of Financial Position [Extensible List]", "label": "Operating Lease, Liability, Current, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes current operating lease liability." } } }, "auth_ref": ["r921"] }, "us-gaap_OperatingLeaseLiabilityNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityNoncurrent", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability, Noncurrent", "label": "Operating Lease, Liability, Noncurrent", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent." } } }, "auth_ref": ["r920"] }, "us-gaap_OperatingLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityNoncurrentStatementOfFinancialPositionExtensibleList", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible List]", "label": "Operating Lease, Liability, Noncurrent, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes noncurrent operating lease liability." } } }, "auth_ref": ["r921"] }, "us-gaap_OperatingLeasePayments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeasePayments", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Payments", "label": "Operating Lease, Payments", "documentation": "Amount of cash outflow from operating lease, excluding payments to bring another asset to condition and location necessary for its intended use." } } }, "auth_ref": ["r925", "r930"] }, "us-gaap_OperatingLeaseRightOfUseAsset": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseRightOfUseAsset", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Right-of-Use Asset", "label": "Operating Lease, Right-of-Use Asset", "documentation": "Amount of lessee's right to use underlying asset under operating lease." } } }, "auth_ref": ["r919"] }, "us-gaap_OperatingLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList": { "xbrltype": "enumerationSetItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseRightOfUseAssetStatementOfFinancialPositionExtensibleList", "presentation": ["http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible List]", "label": "Operating Lease, Right-of-Use Asset, Statement of Financial Position [Extensible Enumeration]", "documentation": "Indicates line item in statement of financial position that includes operating lease right-of-use asset." } } }, "auth_ref": ["r921"] }, "us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseWeightedAverageDiscountRatePercent", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Weighted Average Discount Rate, Percent", "label": "Operating Lease, Weighted Average Discount Rate, Percent", "documentation": "Weighted average discount rate for operating lease calculated at point in time." } } }, "auth_ref": ["r933", "r1276"] }, "us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseWeightedAverageRemainingLeaseTerm1", "presentation": ["http://www.nisource.com/role/LeasesLeaseInformationDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Lease, Weighted Average Remaining Lease Term", "label": "Operating Lease, Weighted Average Remaining Lease Term", "documentation": "Weighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days." } } }, "auth_ref": ["r932", "r1276"] }, "nix_OperatingLossCarryforwardAndInvestmentCreditsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OperatingLossCarryforwardAndInvestmentCreditsMember", "presentation": ["http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating loss carryforward and investment credits", "label": "Operating loss carryforward and investment credits [Member]", "documentation": "Operating loss carryforward and investment credits" } } }, "auth_ref": [] }, "us-gaap_OperatingLossCarryforwards": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLossCarryforwards", "crdr": "debit", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Loss Carryforwards", "negatedTerseLabel": "Offset for net operating loss carryforwards", "label": "Operating Loss Carryforwards", "documentation": "Amount of operating loss carryforward, before tax effects, available to reduce future taxable income under enacted tax laws." } } }, "auth_ref": ["r809"] }, "us-gaap_OperatingSegmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingSegmentsMember", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails"], "lang": { "en-us": { "role": { "terseLabel": "Total Reportable Segments", "label": "Operating Segments [Member]", "documentation": "Identifies components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r437", "r438", "r439", "r440", "r441", "r444", "r1221", "r1222"] }, "us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OrganizationConsolidationAndPresentationOfFinancialStatementsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Organization, Consolidation and Presentation of Financial Statements [Abstract]", "label": "Organization, Consolidation and Presentation of Financial Statements [Abstract]" } } }, "auth_ref": [] }, "us-gaap_OtherAccruedLiabilitiesCurrentAndNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAccruedLiabilitiesCurrentAndNoncurrent", "crdr": "credit", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Accrued Liabilities", "label": "Other Accrued Liabilities", "documentation": "Amount of expenses incurred but not yet paid classified as other." } } }, "auth_ref": ["r193"] }, "us-gaap_OtherAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsCurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Prepayments and other", "label": "Other Assets, Current", "documentation": "Amount of current assets classified as other." } } }, "auth_ref": ["r310", "r1277"] }, "us-gaap_OtherAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Assets", "label": "Other Assets [Member]", "documentation": "Primary financial statement caption encompassing other assets." } } }, "auth_ref": ["r96", "r104"] }, "us-gaap_OtherAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherAssetsNoncurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "totalLabel": "Total Other Assets", "label": "Other Assets, Noncurrent", "documentation": "Amount of noncurrent assets classified as other." } } }, "auth_ref": ["r299"] }, "us-gaap_OtherCommitment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitment", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment", "label": "Other Commitment", "documentation": "Minimum amount of other commitment not otherwise specified in the taxonomy. Excludes commitments explicitly modeled in the taxonomy, including but not limited to, long-term and short-term purchase commitments, recorded and unrecorded purchase obligations, supply commitments, registration payment arrangements, leases, debt, product warranties, guarantees, environmental remediation obligations, and pensions." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueAfterFifthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueAfterFifthYear", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, after Year Five", "label": "Other Commitment, to be Paid, after Year Five", "documentation": "Amount of commitment classified as other to be paid after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInFifthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInFifthYear", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year Five", "label": "Other Commitment, to be Paid, Year Five", "documentation": "Amount of commitment classified as other to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInFourthYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInFourthYear", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year Four", "label": "Other Commitment, to be Paid, Year Four", "documentation": "Amount of commitment classified as other to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInNextTwelveMonths", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year One", "label": "Other Commitment, to be Paid, Year One", "documentation": "Amount of commitment classified as other to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInSecondYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInSecondYear", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year Two", "label": "Other Commitment, to be Paid, Year Two", "documentation": "Amount of commitment classified as other to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "us-gaap_OtherCommitmentDueInThirdYear": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCommitmentDueInThirdYear", "crdr": "credit", "presentation": ["http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitment, to be Paid, Year Three", "label": "Other Commitment, to be Paid, Year Three", "documentation": "Amount of commitment classified as other to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": [] }, "nix_OtherCommitmentsAndContingenciesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherCommitmentsAndContingenciesLineItems", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Commitments And Contingencies [Line Items]", "label": "Other Commitments And Contingencies [Line Items]", "documentation": "Other Commitments And Contingencies [Line Items]" } } }, "auth_ref": [] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlanNetPriorServiceCostsCreditArisingDuringPeriodNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlanNetPriorServiceCostsCreditArisingDuringPeriodNetOfTax", "crdr": "debit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom { "parentTag": "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom], "lang": { "en-us": { "role": { "negatedTerseLabel": "Net prior service cost/(credit)", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Prior Service Cost (Credit), after Tax", "documentation": "Amount, after tax, of cost (credit) of benefit change attributable to participants' prior service from plan amendment or plan initiation

of defined benefit plan, that has not been recognized in net periodic benefit cost (credit)." } } }, "auth_ref": ["r5", "r140", "r696"] }, "us-gaap_OtherComprehensiveIncomeDefinedBenefitPlansNetUnamortizedGainLossArisingDuringPeriodNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeDefinedBenefitPlansNetUnamortizedGainLossArisingDuringPeriodNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor { "parentTag": "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor], "lang": { "en-us": { "role": { "verboseLabel": "Net actuarial (gain)/loss", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss) Arising During Period, after Tax", "documentation": "Amount, after tax, of gain (loss) for (increase) decrease in value of benefit obligation for change in actuarial assumptions and increase (decrease) in value of plan assets from experience different from that assumed of defined benefit plan, that has not been recognized in net periodic benefit (cost) credit." } } }, "auth_ref": ["r139", "r140", "r696"] }, "us-gaap_OtherComprehensiveIncomeLossAmortizationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetPriorServiceCostCreditNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossAmortizationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetPriorServiceCostCreditNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor { "parentTag": "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor], "lang": { "en-us": { "role": { "negatedLabel": "Defined Benefit Plan, Amortization of Prior Service Cost (Credit)", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, Prior Service Cost (Credit), Reclassification Adjustment from AOCI, after Tax", "documentation": "Amount, after tax, of reclassification adjustment from accumulated other comprehensive (income) loss for prior service cost (credit) of defined benefit plan." } } }, "auth_ref": ["r9", "r140", "r320", "r696"] }, "us-gaap_OtherComprehensiveIncomeLossAvailableForSaleSecuritiesAdjustmentNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossAvailableForSaleSecuritiesAdjustmentNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTax", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "verboseLabel": "Net unrealized gain (loss) on available-for-sale securities", "label": "OCI, Debt Securities, Available-for-Sale, Gain (Loss), after Adjustment and Tax", "documentation": "Amount, after tax and adjustment, of unrealized gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale) and unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale." } } }, "auth_ref": ["r314", "r315", "r317", "r1035"] }, "us-gaap_OtherComprehensiveIncomeLossBeforeReclassificationsNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossBeforeReclassificationsNetOfTax", "crdr": "credit", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), before Reclassifications, Net of Tax", "label": "Other Comprehensive Income (Loss), before Reclassifications, Net of Tax", "documentation": "Amount after tax, before reclassification adjustments of other comprehensive income (loss)." } } }, "auth_ref": ["r24", "r28", "r328", "r903", "r906", "r909", "r1035", "r1453"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTax", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "verboseLabel": "Net unrealized gain (loss) on cash flow hedges", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification and Tax, Parent", "documentation": "Amount, after tax and reclassification, of gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent." } } }, "auth_ref": ["r317"] }, "us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTaxParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTaxParent", "crdr": "debit", "presentation": ["http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent", "label": "Other Comprehensive Income (Loss), Cash Flow Hedge, Gain (Loss), after Reclassification, Tax, Parent", "documentation": "Amount, after reclassification, of tax expense (benefit) for gain (loss) from derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent." } } }, "auth_ref": ["r318"] }, "us-gaap_OtherComprehensiveIncomeLossFinalizationOfPensionAndNonPensionPostretirementPlanValuationNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossFinalizationOfPensionAndNonPensionPostretirementPlanValuationNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor { "parentTag": "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "weight": -1.0, "order": 3.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor], "lang": { "en-us": { "role": { "terseLabel": "Settlements", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Settlement and Curtailment Gain (Loss), after Tax", "documentation": "Amount, after tax, of increase (decrease) to other comprehensive income from settlement and curtailment gain (loss) of defined benefit plan." } } }, "auth_ref": ["r9", "r140", "r171"] }, "us-gaap_OtherComprehensiveIncomeLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossNetOfTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "totalLabel": "Total other comprehensive income", "verboseLabel": "Other Comprehensive Income (Loss), Net of Tax", "terseLabel": "Net current-period other comprehensive income (loss)", "label": "Other Comprehensive Income (Loss), Net of Tax", "documentation": "Amount after tax and reclassification adjustments of other comprehensive income (loss)." } } }, "auth_ref": ["r19", "r24", "r322", "r325", "r331", "r375", "r903", "r904", "r909", "r1009", "r1035", "r1453", "r1454"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": "us-gaap_OtherComprehensiveIncomeLossNetOfTax", "weight": -1.0, "order": 3.0 }, "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Unrecognized pension and OPEB benefit (costs)", "negatedTotalLabel": "Total Recognized in Other Comprehensive Income or Regulatory Asset or Liability", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, after Tax", "documentation": "Amount, after tax and reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan." } } }, "auth_ref": ["r5", "r6", "r139", "r140", "r1035"] }, "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansTax", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax", "label": "Other Comprehensive (Income) Loss, Defined Benefit Plan, after Reclassification Adjustment, Tax", "documentation": "Amount, after reclassification adjustment, of tax (expense) benefit for (increase) decrease in accumulated other comprehensive income of defined benefit plan." } } }, "auth_ref": ["r5", "r6", "r7", "r139", "r179"] }, "us-gaap_OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeLossReclassificationAdjustmentFromAOCIPensionAndOtherPostretirementBenefitPlansForNetGainLossNetOfTax", "crdr": "debit", "calculation": { "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor { "parentTag": "us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentNetOfTax", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor], "lang": { "en-us": { "role": { "terseLabel": "Less: amortization of net actuarial (gain) loss", "label": "Other Comprehensive Income (Loss), Defined Benefit Plan, Gain (Loss), Reclassification Adjustment from AOCI, after Tax", "documentation": "Amount, after tax, of reclassification adjustment from accumulated other comprehensive income (loss) for gain (loss) of defined benefit plan." } } }, "auth_ref": ["r9", "r140", "r320", "r696"] }, "us-gaap_OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherComprehensiveIncomeUnrealizedHoldingGainLossOnSecuritiesArisingDuringPeriodTax", "crdr": "debit", "presentation": ["http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Other Comprehensive Income (Loss), Securities, Available-for-Sale, Unrealized Holding Gain (Loss) Arising During Period, Tax", "label": "OCI, Debt Securities, Available-for-Sale, Unrealized Holding Gain (Loss), before Adjustment, Tax", "documentation": "Amount, before adjustment, of tax expense (benefit) for unrealized holding gain (loss) on investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale). Excludes tax expense (benefit) for unrealized gain (loss) on investment in debt security measured at amortized cost (held-to-maturity) from transfer to available-for-sale." } } }, "auth_ref": ["r7", "r315"] }, "us-gaap_OtherCurrentAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCurrentAssetsMember", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Assets", "label": "Other Current Assets [Member]", "documentation": "Primary financial statement caption encompassing other current assets." } } }, "auth_ref": ["r96", "r104"] }, "us-gaap_OtherCurrentLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherCurrentLiabilitiesMember", "presentation": ["http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Current Liabilities", "label": "Other Current Liabilities [Member]", "documentation": "Primary financial statement caption encompassing other current liabilities." } } }, "auth_ref": [] }, "nix_OtherFixedIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherFixedIncomeMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Other Fixed Income", "label": "Other Fixed Income [Member]", "documentation": "Other Fixed Income" } } }, "auth_ref": [] }, "us-gaap_OtherIncomeAndOtherExpenseDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherIncomeAndOtherExpenseDisclosureTextBlock", "presentation": ["http://www.nisource.com/role/OtherNet"], "lang": { "en-us": { "role": { "terseLabel": "Other, Net", "label": "Other Income and Other Expense Disclosure [Text Block]", "documentation": "The entire disclosure for other income or other expense items (both operating and nonoperating). Sources of nonoperating income or nonoperating expense that may be disclosed, include amounts earned from dividends, interest on securities, profits (losses) on securities, net and miscellaneous other income or income deductions." } } }, "auth_ref": ["r1430", "r1631"] }, "us-gaap_OtherLiabilitiesCurrent": { "xbrltype":

```
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherLiabilitiesCurrent", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 8.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Other accruals", "label": "Other Liabilities, Current",
"documentation": "Amount of liabilities classified as other, due within one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r119", "r1277" ] },
"nix_OtherLiabilitiesFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"OtherLiabilitiesFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments Due", "label": "Other Liabilities, Future Minimum Payments Due", "documentation": "Other Liabilities, Future Minimum
Payments Due" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments Due, Next Twelve Months", "label": "Other Liabilities, Future Minimum Payments Due, Next Twelve Months", "documentation":
"Other Liabilities, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueThereafter": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments, Due Thereafter", "label": "Other Liabilities, Future Minimum Payments, Due Thereafter", "documentation": "Other Liabilities,
Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments, Due in Five Years", "label": "Other Liabilities, Future Minimum Payments, Due in Five Years", "documentation": "Other
Liabilities, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueinFourYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments, Due in Four Years", "label": "Other Liabilities, Future Minimum Payments, Due in Four Years", "documentation": "Other
Liabilities, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueinThreeYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation":
{ "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments, Due in Three Years", "label": "Other Liabilities, Future Minimum Payments, Due in Three Years", "documentation": "Other
Liabilities, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] }, "nix_OtherLiabilitiesFutureMinimumPaymentsDueinTwoYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherLiabilitiesFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Liabilities, Future Minimum Payments, Due in Two Years", "label": "Other Liabilities, Future Minimum Payments, Due in Two Years", "documentation": "Other
Liabilities, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] }, "us-gaap_OtherLiabilitiesMember": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "OtherLiabilitiesMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails",
"http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Other Liabilities", "label": "Other Liabilities [Member]", "documentation": "Primary financial statement caption encompassing other liabilities." } } },
"auth_ref": [ "r96", "r104" ] }, "us-gaap_OtherLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"OtherLiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesNoncurrent",
"weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Other noncurrent
liabilities", "label": "Other Liabilities, Noncurrent", "documentation": "Amount of liabilities classified as other, due after one year or the normal operating cycle, if longer." } }
}, "auth_ref": [ "r125" ] }, "us-gaap_OtherLongTermInvestments": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"OtherLongTermInvestments", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-
gaap_InvestmentsAndOtherNoncurrentAssets", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us":
{ "role": { "verboseLabel": "Other investments", "label": "Other Long-Term Investments", "documentation": "Amount of long-term investments classified as other." } } },
"auth_ref": [ "r1016", "r1017", "r1447" ] }, "us-gaap_OtherNonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "OtherNonoperatingIncomeExpense", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-
gaap_NonoperatingIncomeExpense", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Other, net", "verboseLabel": "Total Other, net", "label":
"Other Nonoperating Income (Expense)", "documentation": "Amount of income (expense) related to nonoperating activities, classified as other." } } }, "auth_ref": [ "r145" ] },
"us-gaap_OtherNonoperatingIncomeExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"OtherNonoperatingIncomeExpenseAbstract", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": {
"verboseLabel": "Other Income (Deductions)", "terseLabel": "Other Nonoperating Income (Expense) [Abstract]", "label": "Other Nonoperating Income (Expense) [Abstract]" } }
}, "auth_ref": [] }, "nix_OtherNonoperatingIncomeLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"OtherNonoperatingIncomeLineItems", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Other Nonoperating Income [Line Items]", "label": "Other Nonoperating Income [Line Items]", "documentation": "Other Nonoperating Income" } } }, "auth_ref": [] },
"nix_OtherNonoperatingIncomeTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherNonoperatingIncomeTable",
"presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Other Nonoperating Income [Table]",
"label": "Other Nonoperating Income [Table]", "documentation": "Other Nonoperating Income" } } }, "auth_ref": [] }, "us-gaap_OtherOperatingActivitiesCashFlowStatement":
{ "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOperatingActivitiesCashFlowStatement", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 11.0 } },
"presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Other adjustments", "label": "Other
Operating Activities, Cash Flow Statement", "documentation": "Other cash or noncash adjustments to reconcile net income to cash provided by (used in) operating activities
that are not separately disclosed in the statement of cash flows (for example, cash received or cash paid during the current period for miscellaneous operating activities, net
change during the reporting period in other assets or other liabilities)." } } }, "auth_ref": [] }, "us-gaap_OtherOwnershipInterestMember": { "xbrltype": "domainItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOwnershipInterestMember", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows"
], "lang": { "en-us": { "role": { "terseLabel": "Other Ownership Interest", "label": "Other Ownership Interest [Member]", "documentation": "Holder of an ownership interest in a
partnership who is not classified as a general partner, preferred partner, or limited partner." } } }, "auth_ref": [] }, "us-gaap_OtherOwnershipInterestsByNameAxis": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OtherOwnershipInterestsByNameAxis", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Other Ownership Interests Name [Axis]", "label": "Other
Ownership Interests Name [Axis]", "documentation": "Information by ownership interests about other units or shares or classes of ownership in a partnership. Excludes
limited or general partners' ownership interests." } } }, "auth_ref": [ "r169" ] }, "us-gaap_OtherOwnershipInterestsNameDomain": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "OtherOwnershipInterestsNameDomain", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ],
"lang": { "en-us": { "role": { "terseLabel": "Other Ownership Interests, Name [Domain]", "label": "Other Ownership Interests, Name [Domain]", "documentation": "Description
of the ownership interest, which details special or unusual rights. Does not include limited or general partners' ownership interests." } } }, "auth_ref": [] },
"ecd_OtherPerfMeasureAmt": { "xbrltype": "decimalItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OtherPerfMeasureAmt", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Other Performance Measure, Amount", "label": "Other Performance Measure,
Amount" } } }, "auth_ref": [ "r1366" ] }, "us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "OtherPostretirementBenefitPlansDefinedBenefitMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Other
Postretirement Benefits", "label": "Other Postretirement Benefits Plan [Member]", "documentation": "Plan designed to provide other postretirement benefits. Includes, but is
not limited to, defined benefit and defined contribution plans. Excludes pension benefits." } } }, "auth_ref": [ "r651", "r655", "r656", "r657", "r658", "r659", "r660", "r661",
"r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684",
"r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r701", "r702", "r704", "r707", "r710", "r714", "r715", "r716", "r717",
"r718", "r719", "r720", "r721", "r722", "r723", "r727", "r728", "r729", "r1249", "r1250", "r1251", "r1252", "r1253" ] }, "nix_OtherRegulatoryAssets": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OtherRegulatoryAssets", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredIncomeTaxLiabilities",
"weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-
us": { "role": { "terseLabel": "Other regulatory assets", "label": "Other Regulatory Assets", "documentation": "Other Regulatory Assets" } } }, "auth_ref": [] },
"ecd_OutstandingAggtErrCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingAggtErrCompAmt", "presentation": [
```

```
"http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Outstanding Aggregate Erroneous Compensation Amount", "label": "Outstanding Aggregate Erroneous Compensation Amount" } } }, "auth_ref": [ "r1327", "r1338", "r1348", "r1381" ] }, "ecd_OutstandingRecoveryCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingRecoveryCompAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Compensation Amount", "label": "Outstanding Recovery Compensation Amount" } } }, "auth_ref": [ "r1330", "r1341", "r1351", "r1384" ] }, "ecd_OutstandingRecoveryIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "OutstandingRecoveryIndName", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Name", "label": "Outstanding Recovery, Individual Name" } } }, "auth_ref": [ "r1330", "r1341", "r1351", "r1384" ] }, "us-gaap_OverfundedPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OverfundedPlanMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Underfunded Plan [Member]", "label": "Defined Benefit Plan, Overfunded Plan [Member]", "documentation": "Defined benefit plan in which retirement benefits are payable directly from plan assets segregated and restricted to provide such benefits and for which plan assets exceed benefit obligation of plan designed to provide retirement benefits." } } }, "auth_ref": [ "r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600" ] }, "nix_OverrecoveredGasAndFuelCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "OverrecoveredGasAndFuelCostsMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Overrecovered Gas And Fuel Costs", "label": "Overrecovered Gas And Fuel Costs [Member]", "documentation": "Overrecovered Gas And Fuel Costs [Member]" } } }, "auth_ref": [] }, "srt_OwnershipAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Ownership [Axis]", "label": "Ownership [Axis]", "documentation": "Information by name of entity in which ownership interest is disclosed. Excludes equity method investee and named security investment." } } }, "auth_ref": [] }, "srt_OwnershipDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "OwnershipDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Ownership [Domain]", "label": "Ownership [Domain]", "documentation": "Name of entity in which ownership interest is disclosed. Excludes equity method investee and named security investment." } } }, "auth_ref": [] }, "us-gaap_ParticipatingSecuritiesDistributedAndUndistributedEarningsLossBasic": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ParticipatingSecuritiesDistributedAndUndistributedEarningsLossBasic", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Participating Securities, Distributed and Undistributed Earnings (Loss), Basic", "label": "Participating Securities, Distributed and Undistributed Earnings (Loss), Basic", "documentation": "Amount of earnings (loss) distributed and earnings (loss) allocated to participating securities for the basic earnings (loss) per share or per unit calculation under the two-class method." } } }, "auth_ref": [ "r404", "r1417" ] }, "us-gaap_PartnerTypeOfPartnersCapitalAccountAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PartnerTypeOfPartnersCapitalAccountAxis", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Partner Type [Axis]", "label": "Partner Type [Axis]", "documentation": "Information by type or class of partner's capital account. Examples of classes of partners include, but not limited to, general partners, limited partners, preferred partners, and other ownership interests." } } }, "auth_ref": [ "r169", "r1091" ] }, "us-gaap_PartnerTypeOfPartnersCapitalAccountNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PartnerTypeOfPartnersCapitalAccountNameDomain", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Partner Type of Partners' Capital Account, Name [Domain]", "label": "Partner Type of Partners' Capital Account, Name [Domain]", "documentation": "Capital accounts of each type or class of partner. Examples of classes of partners include, but are not limited to, general partners, limited partners, preferred partners, and other ownership interests." } } }, "auth_ref": [ "r169", "r1091" ] }, "nix_PartnershipBasisDifferences": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PartnershipBasisDifferences", "crdr": "credit", "calculation": { "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails": { "parentTag": "us-gaap_DeferredIncomeTaxLiabilities", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Partnership basis differences", "label": "Partnership basis differences", "documentation": "Partnership basis differences" } } }, "auth_ref": [] }, "ecd_PayVsPerformanceDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PayVsPerformanceDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Pay vs Performance Disclosure [Line Items]" } } }, "auth_ref": [ "r1355" ] }, "us-gaap_PaymentOfFinancingAndStockIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentOfFinancingAndStockIssuanceCosts", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 17.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Equity costs, premiums and other debt related costs", "label": "Payment of Financing and Stock Issuance Costs", "documentation": "The total of the cash outflow during the period which has been paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt and the cost incurred directly for the issuance of equity securities." } } }, "auth_ref": [ "r35" ] }, "nix_PaymentOfPreferredStockRedemptionPremium": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PaymentOfPreferredStockRedemptionPremium", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Preferred stock redemption premium", "label": "Payment of Preferred Stock Redemption Premium", "documentation": "Payment of Preferred Stock Redemption Premium" } } }, "auth_ref": [] }, "nix_PaymentToRenewableGenerationAssetDeveloper": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PaymentToRenewableGenerationAssetDeveloper", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Milestone and final payments to renewable generation asset developer", "terseLabel": "Milestone and final payments to renewable generation asset developer", "label": "Payment to renewable generation asset developer", "documentation": "Payment to renewable generation asset developer" } } }, "auth_ref": [] }, "nix_PaymentsForAdvancedDepositsForProjectCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PaymentsForAdvancedDepositsForProjectCosts", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 7.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Advanced deposits for project costs", "label": "Payments For Advanced Deposits for Project Costs", "documentation": "Payments For Advanced Deposits for Project Costs" } } }, "auth_ref": [] }, "us-gaap_PaymentsForProceedsFromOtherInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForProceedsFromOtherInvestingActivities", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 4.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Other investing activities", "label": "Payments for (Proceeds from) Other Investing Activities", "documentation": "Amount of cash (inflow) outflow from investing activities classified as other." } } }, "auth_ref": [ "r1423", "r1458" ] }, "us-gaap_PaymentsForRemovalCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRemovalCosts", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Cost of removal", "label": "Payments for Removal Costs", "documentation": "Cash outflow related to disposal costs of plants, whether by demolishing, dismantling, abandoning, sale, and so forth during the period." } } }, "auth_ref": [ "r1459" ] }, "us-gaap_PaymentsForRepurchaseOfRedeemablePreferredStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsForRepurchaseOfRedeemablePreferredStock", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 7.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Redemption of preferred stock", "label": "Payments for Repurchase of Redeemable Preferred Stock", "documentation": "The cash outflow for reacquisition of callable preferred stock." } } }, "auth_ref": [ "r148" ] }, "us-gaap_PaymentsOfDividendsCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDividendsCommonStock", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 10.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Dividends paid - common stock", "label": "Payments of Ordinary Dividends, Common Stock", "documentation": "Amount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity." } } }, "auth_ref": [ "r148" ] }, "us-gaap_PaymentsOfDividendsPreferredStockAndPreferenceStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfDividendsPreferredStockAndPreferenceStock", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Dividends paid - preferred stock", "label": "Payments of Ordinary Dividends, Preferred Stock and Preference Stock", "documentation": "Amount of cash outflow in the form of ordinary dividends to preferred shareholders of the parent entity." } } }, "auth_ref": [ "r148" ] }, "us-gaap_PaymentsOfStockIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsOfStockIssuanceCosts", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Payments of Stock Issuance Costs", "label": "Payments of Stock Issuance Costs", "documentation": "The cash outflow for cost incurred directly with the issuance of an equity security." } } }, "auth_ref": [ "r35" ] }, "us-gaap_PaymentsToAcquireAssetsInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireAssetsInvestingActivities", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Payments to Acquire Assets, Investing Activities", "label": "Payments to Acquire Assets, Investing Activities", "documentation": "Aggregate cash payments for a combination of transactions that are classified as investing activities in which assets, which may include securities, other types of investments, or productive assets, are purchased from third-party sellers. This element can be used by entities to aggregate payments for all asset purchases that are classified as investing activities." } } }, "auth_ref": [ "r1458" ] }, "us-gaap_PaymentsToAcquireAvailableForSaleSecuritiesDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireAvailableForSaleSecuritiesDebt", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Purchases of available-for-sale securities", "label": "Payments to Acquire Debt Securities, Available-for-Sale", "documentation": "Amount of cash outflow to acquire investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [ "r31", "r335", "r459" ] }, "us-gaap_PaymentsToAcquireInterestInSubsidiariesAndAffiliates": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToAcquireInterestInSubsidiariesAndAffiliates", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Payments to Acquire Interest in Subsidiaries and Affiliates", "label": "Payments to Acquire Interest in Subsidiaries and Affiliates", "documentation": "The cash outflow associated with the acquisition of or advances to an entity that is related to it but not strictly controlled (for example, an unconsolidated subsidiary, affiliate, and joint venture or equity method investment) or the acquisition of an additional interest in a subsidiary (controlled entity)." } } }, "auth_ref": [ "r32" ] }, "us-gaap_PaymentsToAcquirePropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
```

```
"PaymentsToAcquirePropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": -1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Capital expenditures", "label": "Payments to Acquire Property, Plant, and Equipment", "documentation": "The cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets." } } }, "auth_ref": [ "r147" ] }, "us-gaap_PaymentsToMinorityShareholders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PaymentsToMinorityShareholders", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Distributions to NIPSCO minority interest holders", "negatedTerseLabel": "Distributions to tax equity partners", "label": "Payments to Noncontrolling Interests", "documentation": "Amount of cash outflow to a noncontrolling interest. Includes, but not limited to, reduction of noncontrolling interest ownership. Excludes dividends paid to the noncontrolling interest." } } }, "auth_ref": [ "r35" ] }, "ecd_PeerGroupIssuersFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupIssuersFnTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Peer Group Issuers, Footnote", "label": "Peer Group Issuers, Footnote [Text Block]" } } }, "auth_ref": [ "r1365" ] }, "ecd_PeerGroupTotalShareholderRtnAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeerGroupTotalShareholderRtnAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Peer Group Total Shareholder Return Amount", "label": "Peer Group Total Shareholder Return Amount" } } }, "auth_ref": [ "r1365" ] }, "us-gaap_PensionAndOtherPostretirementAndPostemploymentBenefitPlansLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementAndPostemploymentBenefitPlansLiabilitiesNoncurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesNoncurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Accrued liability for postretirement and postemployment benefits", "label": "Liability, Pension and Other Postretirement and Postemployment Benefits, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for pension, other postretirement and postemployment benefits, classified as noncurrent." } } }, "auth_ref": [ "r71", "r72", "r125", "r170" ] }, "us-gaap_PensionAndOtherPostretirementBenefitExpenseAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitExpenseAbstract", "lang": { "en-us": { "role": { "terseLabel": "Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract]", "label": "Pension and Other Postretirement Benefits Cost (Reversal of Cost) [Abstract]" } } }, "auth_ref": [] }, "us-gaap_PensionAndOtherPostretirementBenefitsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementBenefitsDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefits" ], "lang": { "en-us": { "role": { "terseLabel": "Pension and Other Postretirement Benefits", "label": "Retirement Benefits [Text Block]", "documentation": "The entire disclosure for retirement benefits." } } }, "auth_ref": [ "r650", "r676", "r678", "r684", "r703", "r705", "r706", "r707", "r708", "r709", "r724", "r725", "r727", "r1249" ] }, "us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansCurrentLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementDefinedBenefitPlansCurrentLiabilities", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Current liabilities", "label": "Liability, Defined Benefit Plan, Current", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit pension and other postretirement plans, classified as current." } } }, "auth_ref": [ "r119", "r651", "r652", "r675", "r1249" ] }, "us-gaap_PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionAndOtherPostretirementDefinedBenefitPlansLiabilitiesNoncurrent", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Noncurrent liabilities", "label": "Liability, Defined Benefit Plan, Noncurrent", "documentation": "Amount of liability, recognized in statement of financial position, for defined benefit pension and other postretirement plans, classified as noncurrent." } } }, "auth_ref": [ "r125", "r651", "r652", "r675", "r1249" ] }, "us-gaap_PensionPlansDefinedBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PensionPlansDefinedBenefitMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncom
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Pension Plan", "label": "Pension Plan [Member]", "documentation": "Plan designed to provide participant with pension benefits. Includes, but is not limited to, defined benefit and defined contribution plans. Excludes other postretirement benefits." } } }, "auth_ref": [ "r651", "r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r701", "r702", "r704", "r707", "r710", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r727", "r728", "r739", "r1249", "r1250", "r1254", "r1255", "r1256" ] }, "nix_PensionRemeasurementPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PensionRemeasurementPolicyTextBlock", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Pension Remeasurement", "label": "Pension Remeasurement [Policy Text Block]", "documentation": "Pension Remeasurement" } } }, "auth_ref": [] },
"nix_PensionandOtherPostretirementBenefitsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PensionandOtherPostretirementBenefitsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Pension and Other Postretirement Benefits [Abstract]", "label": "Pension and Other Postretirement Benefits [Abstract]", "documentation": "Pension and Other Postretirement Benefits [Abstract]" } } }, "auth_ref": [] },
"nix_PensionandOtherPostretirementNonServiceCost": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PensionandOtherPostretirementNonServiceCost", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Pension and Other Postretirement Non Service Cost", "label": "Pension and Other Postretirement Non Service Cost", "documentation": "Pension and Other Postretirement Non Service Cost" } } }, "auth_ref": [] }, "ecd_PeoActuallyPaidCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoActuallyPaidCompAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "PEO Actually Paid Compensation Amount", "label": "PEO Actually Paid Compensation Amount" } } }, "auth_ref": [ "r1357" ] }, "ecd_PeoMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "PEO", "label": "PEO [Member]" } } }, "auth_ref": [ "r1374" ] }, "ecd_PeoName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoName", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "PEO Name", "label": "PEO Name" } } }, "auth_ref": [ "r1367" ] }, "ecd_PeoTotalCompAmt": { "xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PeoTotalCompAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "PEO Total Compensation Amount", "label": "PEO Total Compensation Amount" } } }, "auth_ref": [ "r1356" ] }, "nix_PercentageOfAdditionalSubsetOfAssetsCapped": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PercentageOfAdditionalSubsetOfAssetsCapped", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Percentage of additional subset of assets capped", "label": "Percentage Of Additional Subset Of Assets Capped", "documentation": "Percentage Of Additional Subset Of Assets Capped" } } }, "auth_ref": [] }, "nix_PerformanceAwardDetailsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PerformanceAwardDetailsTableTextBlock", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Performance Award Details", "label": "Performance Award Details [Table Text Block]", "documentation": "Performance Award Details" } } }, "auth_ref": [] },
"nix_PerformanceShareDetailsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PerformanceShareDetailsLineItems", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Performance Share Details [Line Items]", "label": "Performance Share Details [Line Items]", "documentation": "Performance Share Details" } } }, "auth_ref": [] },
"nix_PerformanceShareDetailsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PerformanceShareDetailsTable", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Performance Share Details [Table]", "label": "Performance Share Details [Table]", "documentation": "Performance Share Details" } } }, "auth_ref": [] }, "us-gaap_PerformanceSharesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PerformanceSharesMember", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails", "http://www.nisource.com/role/ShareBasedCompensationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Performance Shares", "label": "Performance Shares [Member]", "documentation": "Share-based payment arrangement awarded for meeting performance target." } } }, "auth_ref": [] }, "nix_PipelineReplacementExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PipelineReplacementExpenses", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Pipeline Replacement Expenses", "label": "Pipeline Replacement Expenses", "documentation": "Pipeline Replacement Expenses" } } }, "auth_ref": [] }, "nix_PipelineServiceAgreementsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PipelineServiceAgreementsMember", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Pipeline Service Agreements [Member]", "label": "Pipeline Service Agreements [Member]", "documentation": "Pipeline Service Agreements" } } }, "auth_ref": [] }, "us-gaap_PlanAssetCategoriesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PlanAssetCategoriesDomain", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan, Plan Assets, Category [Domain]", "label": "Defined Benefit Plan, Plan Assets, Category [Domain]", "documentation": "Defined benefit plan asset investment." } } }, "auth_ref": [ "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r704", "r1247", "r1248", "r1249" ] }, "nix_PlantAndEquipmentAssociatedWithSchahferGeneratingStationRetirement": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PlantAndEquipmentAssociatedWithSchahferGeneratingStationRetirement", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Plant and Equipment Associated with Schahfer Generating Station Retirement", "label": "Plant and Equipment Associated with Schahfer Generating Station Retirement", "documentation": "Plant and Equipment Associated with Schahfer Generating Station Retirement" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDue", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": "nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 4.0 } }, "presentation": [
```

```
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments Due", "label": "Plant equipment purchase obligations, Future Minimum Payments Due", "documentation":
"Plant equipment purchase obligations, Future Minimum Payments Due" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years", "label": "Plant equipment purchase obligations, Future Minimum Payments, Due in
Five Years", "documentation": "Plant equipment purchase obligations, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInFourYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years", "label": "Plant equipment purchase obligations, Future Minimum Payments, Due in
Four Years", "documentation": "Plant equipment purchase obligations, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years", "label": "Plant equipment purchase obligations, Future Minimum Payments, Due in
Three Years", "documentation": "Plant equipment purchase obligations, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInTwoYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueInTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 9.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years", "label": "Plant equipment purchase obligations, Future Minimum Payments, Due in
Two Years", "documentation": "Plant equipment purchase obligations, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months", "label": "Plant equipment purchase obligations, Future Minimum Payments
Due, Next Twelve Months", "documentation": "Plant equipment purchase obligations, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] },
"nix_PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "PlantEquipmentPurchaseObligationsFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter", "label": "Plant equipment purchase obligations, Future Minimum Payments, Due
Thereafter", "documentation": "Plant equipment purchase obligations, Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] }, "ecd_PnsnAdjsPrrSvcCstMember": {
"xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsPrrSvcCstMember", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure"
], "lang": { "en-us": { "role": { "terseLabel": "Pension Adjustments Prior Service Cost", "label": "Pension Adjustments Prior Service Cost [Member]" } } }, "auth_ref": [ "r1358" ]
}, "ecd_PnsnAdjsSvcCstMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PnsnAdjsSvcCstMember", "presentation": [
"http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Pension Adjustments Service Cost", "label": "Pension Adjustments Service Cost
[Member]" } } }, "auth_ref": [ "r1414" ] }, "ecd_PnsnBnftsAdjFnTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"PnsnBnftsAdjFnTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Pension Benefits Adjustments,
Footnote", "label": "Pension Benefits Adjustments, Footnote [Text Block]" } } }, "auth_ref": [ "r1357" ] }, "nix_PostInServiceCarryingChargesMember": { "xbrltype":
"domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PostInServiceCarryingChargesMember", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Post-In Service Carrying Charges", "label": "Post In
Service Carrying Charges [Member]", "documentation": "Post In Service Carrying Charges [Member]" } } }, "auth_ref": [] },
"nix_PreTaxRateForAllowanceForFundsUsedDuringConstruction": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"PreTaxRateForAllowanceForFundsUsedDuringConstruction", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Pre-tax rate for
allowance for funds used during construction", "label": "Pre Tax Rate For Allowance For Funds Used During Construction", "documentation": "Pre tax rate for allowance for
funds used during construction" } } }, "auth_ref": [] }, "us-gaap_PreferredStockAmountOfPreferredDividendsInArrears": { "xbrltype": "monetaryItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "PreferredStockAmountOfPreferredDividendsInArrears", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Amount of Preferred Dividends in Arrears", "label":
"Preferred Stock, Amount of Preferred Dividends in Arrears", "documentation": "Aggregate amount of cumulative preferred dividends in arrears." } } }, "auth_ref": [ "r66" ] },
"nix_PreferredStockDepositarySharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"PreferredStockDepositarySharesIssued", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred
Stock Depositary Shares Issued", "label": "Preferred Stock Depositary Shares Issued", "documentation": "Preferred Stock Depositary Shares Issued" } } }, "auth_ref": [] },
"nix_PreferredStockDividendRateInitialMargin": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"PreferredStockDividendRateInitialMargin", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred
Stock, Dividend Rate, Initial Margin", "label": "Preferred Stock, Dividend Rate, Initial Margin", "documentation": "Preferred Stock, Dividend Rate, Initial Margin" } } },
"auth_ref": [] }, "nix_PreferredStockDividendRateInitialMarginPlus1.000": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"PreferredStockDividendRateInitialMarginPlus1.000", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Preferred Stock, Dividend Rate, Initial Margin Plus 1.000%", "label": "Preferred Stock, Dividend Rate, Initial Margin Plus 1.000%", "documentation": "Preferred Stock,
Dividend Rate, Initial Margin Plus 1.000%" } } }, "auth_ref": [] }, "us-gaap_PreferredStockDividendRatePercentage": { "xbrltype": "percentItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "PreferredStockDividendRatePercentage", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Preferred Stock, Dividend Rate, Percentage", "label": "Preferred Stock, Dividend Rate, Percentage", "documentation": "The percentage rate
used to calculate dividend payments on preferred stock." } } }, "auth_ref": [ "r620", "r1166", "r1171", "r1173", "r1186" ] }, "us-
gaap_PreferredStockDividendsIncomeStatementImpact": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockDividendsIncomeStatementImpact", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-
gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": -1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "negatedLabel": "Preferred dividends", "label": "Preferred Stock
Dividends, Income Statement Impact", "documentation": "The amount of preferred stock dividends that is an adjustment to net income apportioned to common stockholders."
} } }, "auth_ref": [] }, "us-gaap_PreferredStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockDividendsPerShareDeclared", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Dividends Per Share, Declared",
"label": "Preferred Stock, Dividends Per Share, Declared", "documentation": "Aggregate dividends declared during the period for each share of preferred stock outstanding." }
} }, "auth_ref": [] }, "us-gaap_PreferredStockLiquidationPreference": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockLiquidationPreference", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Liquidation Preference Per
Share", "label": "Preferred Stock, Liquidation Preference Per Share", "documentation": "The per share liquidation preference (or restrictions) of nonredeemable preferred
stock (or preferred stock redeemable solely at the option of the issuer) that has a preference in involuntary liquidation considerably in excess of the par or stated value of the
shares. The liquidation preference is the difference between the preference in liquidation and the par or stated values of the share." } } }, "auth_ref": [ "r63", "r64", "r131",
"r1462", "r1537" ] }, "us-gaap_PreferredStockLiquidationPreferenceValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockLiquidationPreferenceValue", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Liquidation
Preference, Value", "label": "Preferred Stock, Liquidation Preference, Value", "documentation": "Value of the difference between preference in liquidation and the par or
stated values of the preferred shares." } } }, "auth_ref": [ "r346", "r623", "r634" ] }, "us-gaap_PreferredStockMember": { "xbrltype": "domainItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "PreferredStockMember", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation",
"http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity",
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock", "label": "Preferred Stock
[Member]", "documentation": "Preferred shares may provide a preferential dividend to the dividend on common stock and may take precedence over common stock in the
event of a liquidation. Preferred shares typically represent an ownership interest in the company." } } }, "auth_ref": [ "r1288", "r1289", "r1292", "r1293", "r1294", "r1297",
"r1719", "r1722" ] }, "us-gaap_PreferredStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PreferredStockParOrStatedValuePerShare", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical",
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Par or Stated Value Per Share", "label": "Preferred Stock,
Par or Stated Value Per Share", "documentation": "Face amount or stated value per share of preferred stock nonredeemable or redeemable solely at the option of the issuer." }
} }, "auth_ref": [ "r131", "r619" ] }, "us-gaap_PreferredStockPerShareAmountsOfPreferredDividendsInArrears": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "PreferredStockPerShareAmountsOfPreferredDividendsInArrears", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang":
{ "en-us": { "role": { "terseLabel": "Preferred Stock, Per Share Amounts of Preferred Dividends in Arrears", "label": "Preferred Stock, Per Share Amounts of Preferred
Dividends in Arrears", "documentation": "Per share amount of cumulative preferred dividends in arrears." } } }, "auth_ref": [ "r66" ] }, "nix_PreferredStockRedemption": {
"xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PreferredStockRedemption", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Preferred stock redemption", "label":
"Preferred stock redemption", "documentation": "Preferred stock redemption" } } }, "auth_ref": [] }, "us-gaap_PreferredStockRedemptionAmount": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockRedemptionAmount", "crdr": "credit", "presentation": [
```

```
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Redemption Amount", "label": "Preferred Stock, Redemption Amount", "documentation": "The redemption (or callable) amount of currently redeemable preferred stock. Includes amounts representing dividends not currently declared or paid but which will be payable under the redemption features or for which ultimate payment is solely within the control of the issuer." } } }, "auth_ref": [ "r62", "r130" ] }, "us-gaap_PreferredStockRedemptionPremium": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockRedemptionPremium", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Preferred Stock Redemption Premium", "terseLabel": "Preferred Stock Redemption Premium", "label": "Preferred Stock Redemption Premium", "documentation": "The excess of (1) fair value of the consideration transferred to the holders of the preferred stock over (2) the carrying amount of the preferred stock in the registrant's balance sheet, during the accounting period." } } }, "auth_ref": [ "r412" ] }, "us-gaap_PreferredStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesAuthorized", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Shares Authorized", "label": "Preferred Stock, Shares Authorized", "documentation": "The maximum number of nonredeemable preferred shares (or preferred stock redeemable solely at the option of the issuer) permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": [ "r131", "r1120" ] }, "us-gaap_PreferredStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesIssued", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Shares Issued", "label": "Preferred Stock, Shares Issued", "documentation": "Number of shares issued for nonredeemable preferred shares and preferred shares redeemable solely at option of issuer. Includes, but is not limited to, preferred shares issued, repurchased, and held as treasury shares. Excludes preferred shares classified as debt." } } }, "auth_ref": [ "r131", "r619" ] }, "us-gaap_PreferredStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockSharesOutstanding", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock, Shares Outstanding", "label": "Preferred Stock, Shares Outstanding", "documentation": "Aggregate share number for all nonredeemable preferred stock (or preferred stock redeemable solely at the option of the issuer) held by stockholders. Does not include preferred shares that have been repurchased." } } }, "auth_ref": [ "r131", "r1120", "r1139", "r1722", "r1723" ] }, "nix_PreferredStockSharesRedeemed": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PreferredStockSharesRedeemed", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred Stock Shares Redeemed", "label": "Preferred Stock Shares Redeemed", "documentation": "Preferred Stock Shares Redeemed" } } }, "auth_ref": [] }, "us-gaap_PreferredStockValueOutstanding": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PreferredStockValueOutstanding", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Preferred stock - $0.01 par value, 20,000,000 shares authorized; 0 and 40,000 shares outstanding, respectively", "terseLabel": "Preferred Stock, Value, Outstanding", "label": "Preferred Stock, Value, Outstanding", "documentation": "Value of nonredeemable preferred shares and preferred shares redeemable solely at option of issuer, held by shareholders. Excludes preferred shares repurchased and held as treasury shares." } } }, "auth_ref": [ "r131", "r1120" ] }, "us-gaap_PrepaidExpenseCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PrepaidExpenseCurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 11.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "terseLabel": "Other Assets", "label": "Prepaid Expense, Current", "documentation": "Amount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r309", "r524", "r525", "r1209" ] }, "nix_PrivateEquityAndRealEstateLimitedPartnershipsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PrivateEquityAndRealEstateLimitedPartnershipsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Private Equity and Real Estate Limited Partnerships", "label": "Private Equity and Real Estate Limited Partnerships [Member]", "documentation": "Private Equity and Real Estate Limited Partnerships" } } }, "auth_ref": [] }, "nix_PrivateEquityLimitedPartnershipsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PrivateEquityLimitedPartnershipsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Private Equity Limited Partnerships [Member]", "label": "Private Equity Limited Partnerships [Member]", "documentation": "Private Equity Limited Partnerships [Member]" } } }, "auth_ref": [] }, "nix_PrivateEquityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PrivateEquityMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Private Equity", "label": "Private Equity [Member]", "documentation": "Private Equity" } } }, "auth_ref": [] }, "nix_ProceedsAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ProceedsAxis", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds [Axis]", "label": "Proceeds [Axis]", "documentation": "Proceeds [Axis]" } } }, "auth_ref": [] }, "nix_ProceedsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ProceedsDomain", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds [Domain]", "label": "Proceeds [Domain]", "documentation": "[Domain] for Proceeds [Axis]" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromContributedCapital": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromContributedCapital", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Contributed Capital", "label": "Proceeds from Contributed Capital", "documentation": "The cash inflow associated with the amount received by a corporation from a shareholder during the period." } } }, "auth_ref": [ "r8" ] }, "us-gaap_ProceedsFromDebtNetOfIssuanceCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromDebtNetOfIssuanceCosts", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Debt, Net of Issuance Costs", "label": "Proceeds from Debt, Net of Issuance Costs", "documentation": "The cash inflow from additional borrowings, net of cash paid to third parties in connection with debt origination." } } }, "auth_ref": [ "r336" ] }, "us-gaap_ProceedsFromInsuranceSettlementInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromInsuranceSettlementInvestingActivities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Insurance Settlement, Investing Activities", "label": "Proceeds from Insurance Settlement, Investing Activities", "documentation": "Amount of cash inflow for proceeds from settlement of insurance claim, classified as investing activities. Excludes insurance settlement classified as operating activities." } } }, "auth_ref": [ "r11", "r29" ] }, "us-gaap_ProceedsFromIssuanceOfCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfCommonStock", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "verboseLabel": "Issuance of common stock, net of issuance costs", "label": "Proceeds from Issuance of Common Stock", "documentation": "The cash inflow from the additional capital contribution to the entity." } } }, "auth_ref": [ "r8" ] }, "us-gaap_ProceedsFromIssuanceOfLongTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfLongTermDebt", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from issuance of long-term debt", "label": "Proceeds from Issuance of Long-Term Debt", "documentation": "The cash inflow from a debt initially having maturity due after one year or beyond the operating cycle, if longer." } } }, "auth_ref": [ "r34", "r1080" ] }, "us-gaap_ProceedsFromIssuanceOfPreferredStockAndPreferenceStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromIssuanceOfPreferredStockAndPreferenceStock", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Issuance of Preferred Stock and Preference Stock", "label": "Proceeds from Issuance of Preferred Stock and Preference Stock", "documentation": "Proceeds from issuance of capital stock which provides for a specific dividend that is paid to the shareholders before any dividends to common stockholders and which takes precedence over common stockholders in the event of liquidation." } } }, "auth_ref": [ "r8" ] }, "us-gaap_ProceedsFromLegalSettlements": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromLegalSettlements", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from Legal Settlements", "label": "Proceeds from Legal Settlements", "documentation": "Cash received for the settlement of litigation during the current period." } } }, "auth_ref": [ "r152" ] }, "us-gaap_ProceedsFromMinorityShareholders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromMinorityShareholders", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 11.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Contributions from NIPSCO minority interest holders", "label": "Proceeds from Noncontrolling Interests", "documentation": "Amount of cash inflow from a noncontrolling interest. Includes, but is not limited to, purchase of additional shares or other increase in noncontrolling interest ownership." } } }, "auth_ref": [ "r33" ] }, "us-gaap_ProceedsFromPaymentsForOtherFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsForOtherFinancingActivities", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 14.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "verboseLabel": "Contract liability payment", "label": "Proceeds from (Payments for) Other Financing Activities", "documentation": "Amount of cash inflow (outflow) from financing activities classified as other." } } }, "auth_ref": [ "r1424", "r1460" ] }, "us-gaap_ProceedsFromPaymentsToMinorityShareholders": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsToMinorityShareholders", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Proceeds from (Payments to) Noncontrolling Interests", "label": "Proceeds from (Payments to) Noncontrolling Interests", "documentation": "Amount of cash inflow (outflow) from (to) a noncontrolling interest. Excludes dividends paid to the noncontrolling interest." } } }, "auth_ref": [] }, "us-gaap_ProceedsFromPaymentsToMinorityShareholdersAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromPaymentsToMinorityShareholdersAbstract", "lang": { "en-us": { "role": { "label": "Proceeds from (Payments to) Noncontrolling Interests [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ProceedsFromSaleOfAvailableForSaleSecuritiesDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromSaleOfAvailableForSaleSecuritiesDebt", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Sales of available-for-sale securities", "label": "Proceeds from Sale of Debt Securities, Available-for-Sale", "documentation": "Amount of cash inflow from sale of investment in debt security measured at fair value with change in fair value recognized in other comprehensive income (available-for-sale)." } } }, "auth_ref": [ "r30", "r335", "r459", "r491" ] }, "us-gaap_ProceedsFromShortTermDebtMaturingInMoreThanThreeMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProceedsFromShortTermDebtMaturingInMoreThanThreeMonths", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "terseLabel": "Issuance of short term credit agreements", "label": "Proceeds from Short-Term Debt, Maturing in More than Three Months", "documentation": "The cash inflow from a borrowing having initial term of repayment of more than three months but less than one year or one operating cycle (if the normal cycle is more than one year)." } } }, "auth_ref": [ "r34" ] }, "srt_ProductOrServiceAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductOrServiceAxis", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Axis]", "label": "Product and Service [Axis]", "documentation": "Information by product and service, or group of similar products and similar services." } } }, "auth_ref": [ "r264", "r265", "r266", "r267", "r268", "r269", "r280", "r446", "r988", "r1052", "r1053", "r1054", "r1055", "r1056", "r1057", "r1058", "r1205", "r1240", "r1279", "r1281", "r1282", "r1285", "r1287", "r1446", "r1526", "r1527", "r1539", "r1685", "r1688", "r1689", "r1690", "r1691", "r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702", "r1703", "r1704", "r1705", "r1706", "r1707", "r1708", "r1709", "r1710", "r1711", "r1712", "r1713", "r1715", "r1716" ] }, "srt_ProductsAndServicesDomain": {
```

```
"xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Product and Service [Domain]", "label":
"Product and Service [Domain]", "documentation": "Product or service, or a group of similar products or similar services." } } }, "auth_ref": [ "r264", "r265", "r266", "r267",
"r268", "r269", "r280", "r446", "r988", "r1052", "r1053", "r1054", "r1055", "r1056", "r1057", "r1058", "r1205", "r1240", "r1279", "r1281", "r1282", "r1285", "r1446",
"r1526", "r1527", "r1539", "r1685", "r1688", "r1689", "r1690", "r1691", "r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702",
"r1703", "r1704", "r1705", "r1706", "r1707", "r1708", "r1709", "r1710", "r1711", "r1712", "r1713", "r1715", "r1716" ] }, "us-gaap_ProfitLoss": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProfitLoss", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NetIncomeLoss", "weight": 1.0, "order": 1.0 },
"http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss": { "parentTag": "us-
gaap_ComprehensiveIncomeNetOfTaxIncludingPortionAttributableToNoncontrollingInterest", "weight": 1.0, "order": 2.0 },
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 17.0 } },
"presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss",
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLoss" ], "lang":
{ "en-us": { "role": { "totalLabel": "Net Income", "terseLabel": "Net Income", "label": "Net Income (Loss), Including Portion Attributable to Noncontrolling Interest",
"documentation": "The consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest." } } }, "auth_ref": [
"r291", "r321", "r324", "r339", "r348", "r366", "r375", "r378", "r379", "r492", "r588", "r589", "r591", "r592", "r593", "r594", "r595", "r597", "r598", "r831", "r841", "r842",
"r845", "r846", "r879", "r902", "r1012", "r1032", "r1087", "r1141", "r1157", "r1158", "r1262", "r1263", "r1302", "r1455", "r1532" ] }, "us-
gaap_PropertyPlantAndEquipmentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentAbstract",
"lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Abstract]", "label": "Property, Plant and Equipment [Abstract]" } } }, "auth_ref": [] }, "us-
gaap_PropertyPlantAndEquipmentByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentByTypeAxis",
"presentation": [ "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Property, Plant and Equipment by Type [Axis]", "label": "Long-Lived Tangible Asset [Axis]", "documentation": "Information by type of long-lived, physical assets used to
produce goods and services and not intended for resale." } } }, "auth_ref": [ "r14", "r935" ] }, "us-gaap_PropertyPlantAndEquipmentDisclosureTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentDisclosureTextBlock", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipment" ], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant And Equipment", "label": "Property, Plant and
Equipment Disclosure [Text Block]", "documentation": "The entire disclosure for long-lived, physical asset used in normal conduct of business and not intended for resale.
Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections." } } }, "auth_ref": [ "r156", "r233", "r238", "r239" ] }, "us-
gaap_PropertyPlantAndEquipmentGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentGross", "crdr":
"debit", "calculation": { "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails": { "parentTag": "us-
gaap_PropertyPlantAndEquipmentNet", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Property Plant and
Equipment", "label": "Property, Plant and Equipment, Gross", "documentation": "Amount before accumulated depreciation, depletion and amortization of physical assets used
in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and
furniture and fixtures." } } }, "auth_ref": [ "r157", "r296", "r1031" ] }, "us-gaap_PropertyPlantAndEquipmentLineItems": { "xbrltype": "stringItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentLineItems", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails",
"http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Line Items]",
"label": "Property, Plant and Equipment [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose
reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [ "r935" ] }, "us-gaap_PropertyPlantAndEquipmentNet": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails": { "parentTag": null, "weight": null, "order": null, "root": true } },
"presentation": [ "http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails",
"http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Net Property, Plant and
Equipment", "totalLabel": "Net Property, Plant and Equipment", "label": "Property, Plant and Equipment, Net", "documentation": "Amount after accumulated depreciation,
depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not
limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": [ "r14", "r935", "r1015", "r1031", "r1277" ] }, "us-
gaap_PropertyPlantAndEquipmentPlannedMajorMaintenanceActivitiesPolicy": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PropertyPlantAndEquipmentPlannedMajorMaintenanceActivitiesPolicy", "presentation": [
"http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Utility Plant And Other
Property And Related Depreciation And Maintenance", "label": "Property, Plant and Equipment, Planned Major Maintenance Activities, Policy [Policy Text Block]",
"documentation": "Disclosure of accounting policy for planned major maintenance activities." } } }, "auth_ref": [ "r1" ] }, "us-gaap_PropertyPlantAndEquipmentTextBlock": {
"xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTextBlock", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Property, Plant And Equipment", "label":
"Property, Plant and Equipment [Table Text Block]", "documentation": "Tabular disclosure of physical assets used in the normal conduct of business and not intended for
resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated
deprecation." } } }, "auth_ref": [ "r14" ] }, "us-gaap_PropertyPlantAndEquipmentTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "PropertyPlantAndEquipmentTypeDomain", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and
Equipment, Type [Domain]", "label": "Long-Lived Tangible Asset [Domain]", "documentation": "Listing of long-lived, physical assets that are used in the normal conduct of
business to produce goods and services and not intended for resale. Examples include land, buildings, machinery and equipment, and other types of furniture and equipment
including, but not limited to, office equipment, furniture and fixtures, and computer equipment and software." } } }, "auth_ref": [ "r157", "r935" ] }, "us-
gaap_ProvisionForLoanLeaseAndOtherLosses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ProvisionForLoanLeaseAndOtherLosses", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails" ], "lang": {
"en-us": { "role": { "terseLabel": "Current period provisions", "label": "Provision for Loan, Lease, and Other Losses", "documentation": "Amount of expense related loan
transactions, lease transactions, credit loss from transactions other than loan and lease transactions, and other loss based on assessment of uncollectability from the
counterparty to reduce the account to their net realizable value." } } }, "auth_ref": [ "r12", "r199", "r224" ] }, "us-gaap_ProvisionForOtherLosses": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ProvisionForOtherLosses", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Other Nonoperating Expense", "label": "Provision
for Other Losses", "documentation": "Amount of expense related to other loss." } } }, "auth_ref": [ "r12", "r143", "r201" ] }, "nix_PublicAuthorityMember": { "xbrltype":
"domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PublicAuthorityMember", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Public Authority", "label": "Public Authority
[Member]", "documentation": "Public Authority" } } }, "auth_ref": [] }, "us-gaap_PublicUtilitiesAllowanceForFundsUsedDuringConstructionCapitalizedInterest": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesAllowanceForFundsUsedDuringConstructionCapitalizedInterest", "crdr": "debit",
"presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "AFUDC equity", "label": "Allowance for
Funds Used During Construction, Capitalized Interest", "documentation": "Amount capitalized of allowance for funds used during construction." } } }, "auth_ref": [ "r114" ] },
"us-gaap_PublicUtilitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesDisclosureTextBlock",
"presentation": [ "http://www.nisource.com/role/RegulatoryMatters" ], "lang": { "en-us": { "role": { "verboseLabel": "Regulatory Matters", "label": "Public Utilities Disclosure
[Text Block]", "documentation": "The entire disclosure for public utilities." } } }, "auth_ref": [ "r211" ] }, "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentAbstract": {
"xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesPropertyPlantAndEquipmentAbstract", "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Property, Plant and Equipment", "label": "Public Utilities, Property,
Plant and Equipment [Abstract]" } } }, "auth_ref": [] }, "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentAccumulatedDepreciation": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesPropertyPlantAndEquipmentAccumulatedDepreciation", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentNet", "weight": -1.0, "order": 2.0 } },
"presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "negatedLabel": "Accumulated depreciation and amortization",
"label": "Public Utilities, Property, Plant and Equipment, Accumulated Depreciation", "documentation": "Period end book value of accumulated depreciation on property, plant
and equipment (PPE) that is owned by the regulated operations of the public utility." } } }, "auth_ref": [] }, "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentNet": {
"xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesPropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical" ], "lang": { "en-us": { "role": {
"totalLabel": "Net Property, Plant and Equipment", "terseLabel": "Net Property, Plant and Equipment", "label": "Public Utilities, Property, Plant and Equipment, Net",
"documentation": "Period end amount of total net PPE." } } }, "auth_ref": [] }, "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentPlantInService": { "xbrltype":
"monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PublicUtilitiesPropertyPlantAndEquipmentPlantInService", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_PublicUtilitiesPropertyPlantAndEquipmentNet", "weight": 1.0, "order": 1.0 } },
"presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Plant", "label": "Public Utilities, Property, Plant
and Equipment, Plant in Service", "documentation": "Period end amount of total gross PPE." } } }, "auth_ref": [] }, "us-
gaap_PublicUtilitiesRequestedRateIncreaseDecreaseAmendedAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PublicUtilitiesRequestedRateIncreaseDecreaseAmendedAmount", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Public Utilities, Requested Rate Increase (Decrease), Amended, Amount", "label": "Public Utilities, Requested Rate Increase
(Decrease), Amended, Amount", "documentation": "Amount of public utility's amended requested rate increase (decrease) with regulatory agency." } } }, "auth_ref": [] }, "us-
gaap_PublicUtilitiesRequestedRateIncreaseDecreaseAmendedPercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PublicUtilitiesRequestedRateIncreaseDecreaseAmendedPercentage", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us":
{ "role": { "terseLabel": "Public Utilities, Requested Rate Increase (Decrease), Amended, Percentage", "label": "Public Utilities, Requested Rate Increase (Decrease), Amended,
Percentage", "documentation": "Percentage of public utility's amended requested rate increase (decrease) with regulatory agency." } } }, "auth_ref": [] }, "us-
gaap_PublicUtilitiesRequestedRateIncreaseDecreaseAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PublicUtilitiesRequestedRateIncreaseDecreaseAmount", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-
us": { "role": { "terseLabel": "Public Utilities, Requested Rate Increase (Decrease), Amount", "label": "Public Utilities, Requested Rate Increase (Decrease), Amount",
"documentation": "Amount of public utility's requested rate increase (decrease) with regulatory agency." } } }, "auth_ref": [] }, "us-
gaap_PublicUtilitiesRequestedRateIncreaseDecreasePercentage": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"PublicUtilitiesRequestedRateIncreaseDecreasePercentage", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role":
{ "terseLabel": "Public Utilities, Requested Rate Increase (Decrease), Percentage", "label": "Public Utilities, Requested Rate Increase (Decrease), Percentage",
"documentation": "Percentage of public utility's requested rate increase (decrease) with regulatory agency." } } }, "auth_ref": [] }, "nix_PurchaseAndServiceObligationsAxis": {
"xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PurchaseAndServiceObligationsAxis", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails",
```

```
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Purchase And Service Obligations [Axis]", "label": "Purchase And Service Obligations [Axis]", "documentation": "Purchase And Service Obligations [Axis]" } } }, "auth_ref": [] }, "nix_PurchaseAndServiceObligationsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PurchaseAndServiceObligationsDomain", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Purchase And Service Obligations [Domain]", "label": "Purchase And Service Obligations [Domain]", "documentation": "Purchase And Service Obligations [Domain]" } } }, "auth_ref": [] }, "nix_PurchaseContractLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PurchaseContractLiability", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails", "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Purchase Contract Liability", "label": "Purchase Contract Liability", "documentation": "Purchase Contract Liability" } } }, "auth_ref": [] }, "nix_PurchaseContractLiabilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "PurchaseContractLiabilityMember", "presentation": [ "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Purchase Contract Liability [Member]", "documentation": "Purchase Contract Liability" } } }, "auth_ref": [] }, "ecd_PvpTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTable", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Pay vs Performance Disclosure", "label": "Pay vs Performance Disclosure [Table]" } } }, "auth_ref": [ "r1355" ] }, "ecd_PvpTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "PvpTableTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Pay vs Performance Disclosure, Table", "label": "Pay vs Performance [Table Text Block]" } } }, "auth_ref": [ "r1355" ] }, "nix_RTSRModifier": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RTSRModifier", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "RTSR Modifier", "label": "RTSR Modifier", "documentation": "RTSR Modifier" } } }, "auth_ref": [] }, "srt_RangeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables", "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Axis]", "label": "Statistical Measurement [Axis]", "documentation": "Information by statistical measurement. Includes, but is not limited to, minimum, maximum, weighted average, arithmetic average, and median." } } }, "auth_ref": [ "r259", "r260", "r261", "r262", "r263", "r282", "r283", "r576", "r577", "r579", "r580", "r676", "r733", "r767", "r768", "r769", "r777", "r885", "r958", "r970", "r986", "r1059", "r1060", "r1073", "r1111", "r1112", "r1165", "r1170", "r1174", "r1175", "r1185", "r1200", "r1201", "r1226", "r1239", "r1257", "r1268", "r1269", "r1273", "r1274", "r1281", "r1290", "r1521", "r1536", "r1651", "r1675", "r1676", "r1677", "r1678", "r1679" ] }, "srt_RangeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "RangeMember", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesNarrativeDetails", "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables", "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Statistical Measurement [Domain]", "label": "Statistical Measurement [Domain]", "documentation": "Statistical measurement. Includes, but is not limited to, minimum, maximum, weighted average, arithmetic average, and median." } } }, "auth_ref": [ "r259", "r260", "r261", "r262", "r263", "r282", "r283", "r576", "r577", "r579", "r580", "r676", "r733", "r767", "r768", "r769", "r777", "r885", "r958", "r970", "r986", "r1059", "r1060", "r1073", "r1111", "r1112", "r1165", "r1170", "r1174", "r1175", "r1185", "r1200", "r1201", "r1226", "r1239", "r1257", "r1268", "r1269", "r1273", "r1274", "r1281", "r1290", "r1521", "r1536", "r1651", "r1675", "r1676", "r1677", "r1678", "r1679" ] }, "nix_RateRefundsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RateRefundsMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Rate Refunds", "label": "Rate Refunds [Member]", "documentation": "Rate Refunds" } } }, "auth_ref": [] }, "nix_RealEstateAndPrivateEquityAndHedgeFundsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RealEstateAndPrivateEquityAndHedgeFundsMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Real Estate", "label": "Real Estate And Private Equity And Hedge Funds [Member]", "documentation": "Real Estate And Private Equity And Hedge Funds [Member]" } } }, "auth_ref": [] }, "us-gaap_RealEstateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RealEstateMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Real Estate [Member]", "label": "Real Estate [Member]", "documentation": "Property consisting of land, land improvement and buildings." } } }, "auth_ref": [ "r1540" ] }, "nix_ReasonablyPossibleRemediationCostsVarianceFromReserve": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReasonablyPossibleRemediationCostsVarianceFromReserve", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reasonably possible remediation costs variance from reserve", "label": "Reasonably possible remediation costs variance from reserve" } } }, "auth_ref": [] }, "nix_ReasonsBehindDifferencesInComputationOfTotalIncomeTaxesAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReasonsBehindDifferencesInComputationOfTotalIncomeTaxesAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reasons Behind Differences in Computation of Total Income Taxes [Axis]", "label": "Reasons Behind Differences in Computation of Total Income Taxes [Axis]", "documentation": "Reasons Behind Differences in Computation of Total Income Taxes [Axis]" } } }, "auth_ref": [] }, "nix_ReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reasons Behind Differences in Computation of Total Income Taxes [Domain]", "label": "Reasons Behind Differences in Computation of Total Income Taxes [Domain]", "documentation": "[Domain] for Reasons Behind Differences in Computation of Total Income Taxes [Axis]" } } }, "auth_ref": [] }, "nix_ReceivablesPayablesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReceivablesPayablesMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Receivables/Payables", "label": "Receivables/Payables [Member]", "documentation": "Receivables/Payables" } } }, "auth_ref": [] }, "us-gaap_ReceivablesPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReceivablesPolicyTextBlock", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Accounts Receivable And Unbilled Revenue", "label": "Receivable [Policy Text Block]", "documentation": "Disclosure of accounting policy for receivable. Includes, but is not limited to, accounts receivable and financing receivable." } } }, "auth_ref": [ "r454", "r455", "r456", "r458", "r1489" ] }, "nix_RecentlyAdoptedAccountingPronouncementsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RecentlyAdoptedAccountingPronouncementsAbstract", "lang": { "en-us": { "role": { "label": "Recently Adopted Accounting Pronouncements [Abstract]", "documentation": "Recently Adopted Accounting Pronouncements" } } }, "auth_ref": [] }, "nix_RecentlyAdoptedAccountingPronouncementsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RecentlyAdoptedAccountingPronouncementsLineItems", "presentation": [ "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Recently Adopted Accounting Pronouncements [Line Items]", "label": "Recently Adopted Accounting Pronouncements [Line Items]", "documentation": "Recently Adopted Accounting Pronouncements [Line Items]" } } }, "auth_ref": [] }, "nix_RecentlyAdoptedAccountingPronouncementsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RecentlyAdoptedAccountingPronouncementsTable", "presentation": [ "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Recently Adopted Accounting Pronouncements [Table]", "label": "Recently Adopted Accounting Pronouncements [Table]", "documentation": "Recently Adopted Accounting Pronouncements" } } }, "auth_ref": [] }, "us-gaap_ReclassificationAdjustmentOutOfAccumulatedOtherComprehensiveIncomeOnDerivativesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationAdjustmentOutOfAccumulatedOtherComprehensiveIncomeOnDerivativesLineItems", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items]", "label": "Reclassification Adjustment out of Accumulated Other Comprehensive Income on Derivatives [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [ "r329" ] }, "us-gaap_ReclassificationFromAccumulatedOtherComprehensiveIncomeCurrentPeriodNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationFromAccumulatedOtherComprehensiveIncomeCurrentPeriodNetOfTax", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax", "label": "Reclassification from Accumulated Other Comprehensive Income, Current Period, Net of Tax", "documentation": "Amount after tax of reclassification adjustments of other comprehensive income (loss)." } } }, "auth_ref": [ "r24", "r28", "r328", "r903", "r908", "r909", "r1035", "r1453" ] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTable", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofCashFlowHedgesinAOCIDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification out of Accumulated Other Comprehensive Income [Table]", "label": "Reclassification out of Accumulated Other Comprehensive Income [Table]", "documentation": "Disclosure of information about items reclassified out of accumulated other comprehensive income (loss)." } } }, "auth_ref": [ "r329" ] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeTableTextBlock", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification out of Accumulated Other Comprehensive Income", "label": "Reclassification out of Accumulated Other Comprehensive Income [Table Text Block]", "documentation": "Tabular disclosure of information about items reclassified out of accumulated other comprehensive income (loss)." } } }, "auth_ref": [] }, "nix_ReclassificationofOtherPropertytoRegulatoryAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReclassificationofOtherPropertytoRegulatoryAssets", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reclassification of other property to regulatory assets", "label": "Reclassification of Other Property to Regulatory Assets", "documentation": "Reclassification of Other Property to Regulatory Assets" } } }, "auth_ref": [] }, "ecd_RecoveryOfErrCompDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri":
```

```
"http://xbrl.sec.gov/ecd/2024", "localname": "RecoveryOfErrCompDisclosureLineItems", "lang": { "en-us": { "role": { "label": "Recovery of Erroneously Awarded Compensation Disclosure [Line Items]" } } }, "auth_ref": [ "r1322", "r1333", "r1343", "r1376" ] }, "us-gaap_RedeemableNoncontrollingInterestByLegalEntityTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RedeemableNoncontrollingInterestByLegalEntityTable", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Redeemable Noncontrolling Interest [Table]", "label": "Redeemable Noncontrolling Interest [Table]", "documentation": "Disclosure of information about redeemable noncontrolling interest included in statement of financial position outside of permanent equity." } } }, "auth_ref": [] }, "us-gaap_RedeemableNoncontrollingInterestEquityOtherCarryingAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RedeemableNoncontrollingInterestEquityOtherCarryingAmount", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Redeemable Noncontrolling Interest, Equity, Other, Carrying Amount", "label": "Redeemable Noncontrolling Interest, Equity, Other, Carrying Amount", "documentation": "Amount of noncontrolling interests which are redeemable by the parent entity, classified as other equity." } } }, "auth_ref": [ "r58", "r59", "r162", "r163" ] }, "us-gaap_RedeemableNoncontrollingInterestLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RedeemableNoncontrollingInterestLineItems", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Redeemable Noncontrolling Interest [Line Items]", "label": "Redeemable Noncontrolling Interest [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_RedeemableNoncontrollingInterestTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RedeemableNoncontrollingInterestTableTextBlock", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Redeemable Noncontrolling Interest", "label": "Redeemable Noncontrolling Interest [Table Text Block]", "documentation": "Tabular disclosure of redeemable noncontrolling interest (as defined) included in the statement of financial position as either a liability or temporary equity. As of the date of the statement of financial position, such redeemable noncontrolling interest is currently redeemable, as defined, for cash or other assets of the entity at (1) at a fixed or determinable price on a fixed or determinable date, (2) at the option of the holder of the noncontrolling interest, or (3) upon occurrence of an event that is not solely within the control of the entity." } } }, "auth_ref": [] }, "us-gaap_RedemptionPremium": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RedemptionPremium", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": -1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Preferred redemption premium", "label": "Redemption Premium", "documentation": "The excess of the (1) fair value of consideration transferred to the holders of a security in excess of (2) the carrying amount of the security reported on the registrant's balance sheet, which will be deducted from net earnings to derive net earnings available to common shareholders. This amount is generally an adjustment considered in the computation of earnings per share." } } }, "auth_ref": [] }, "us-gaap_RegulatedEntityOtherAssetsNoncurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatedEntityOtherAssetsNoncurrentAbstract", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Investments and Other Assets", "label": "Regulated Entity, Other Assets, Noncurrent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RegulatedOperatingRevenue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatedOperatingRevenue", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "totalLabel": "Total Operating Revenues", "terseLabel": "Total Operating Revenues", "verboseLabel": "Operating Revenues", "label": "Regulated Operating Revenue", "documentation": "The total amount of regulated operating revenues recognized during the period." } } }, "auth_ref": [] }, "us-gaap_RegulatedOperatingRevenueOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatedOperatingRevenueOther", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_RegulatedOperatingRevenue", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Other revenues", "label": "Regulated Operating Revenue, Other", "documentation": "The amount of regulated other operating revenues recognized during the period." } } }, "auth_ref": [] }, "us-gaap_RegulatedOperationsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatedOperationsAbstract", "lang": { "en-us": { "role": { "label": "Regulated Operations [Abstract]" } } }, "auth_ref": [] }, "nix_RegulatedOperationsLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatedOperationsLineItems", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulated Operations [Line Items]", "label": "Regulated Operations [Line Items]", "documentation": "Regulated Operations [Line Items]" } } }, "auth_ref": [] }, "nix_RegulatedOperationsTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatedOperationsTable", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulated Operations [Table]", "label": "Regulated Operations [Table]", "documentation": "Regulated Operations" } } }, "auth_ref": [] }, "us-gaap_RegulatoryAssetAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetAxis", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Asset [Axis]", "label": "Regulatory Asset [Axis]", "documentation": "Information by type of regulatory asset." } } }, "auth_ref": [ "r111", "r113", "r213" ] }, "us-gaap_RegulatoryAssetDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetDomain", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Asset [Domain]", "label": "Regulatory Asset [Domain]", "documentation": "Rate action of a regulator resulting in capitalization of costs incurred." } } }, "auth_ref": [ "r213" ] }, "us-gaap_RegulatoryAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssets", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "COVID-19 related regulatory asset", "verboseLabel": "Total Assets", "label": "Regulatory Asset", "documentation": "The amount for the individual regulatory asset as itemized in a table of regulatory assets as of the end of the period." } } }, "auth_ref": [ "r213" ] }, "us-gaap_RegulatoryAssetsAndLiabilitiesDisclosureAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetsAndLiabilitiesDisclosureAbstract", "lang": { "en-us": { "role": { "terseLabel": "Regulatory Assets and Liabilities Disclosure [Abstract]", "label": "Regulatory Assets and Liabilities Disclosure [Abstract]" } } }, "auth_ref": [] }, "nix_RegulatoryAssetsAndLiabilitiesDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryAssetsAndLiabilitiesDisclosureLineItems", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Assets and Liabilities Disclosure [Line Items]", "label": "Regulatory Assets and Liabilities Disclosure [Line Items]", "documentation": "Regulatory Assets and Liabilities Disclosure" } } }, "auth_ref": [] }, "nix_RegulatoryAssetsAndLiabilitiesDisclosureTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryAssetsAndLiabilitiesDisclosureTable", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Assets and Liabilities Disclosure [Table]", "label": "Regulatory Assets and Liabilities Disclosure [Table]", "documentation": "Regulatory Assets and Liabilities Disclosure" } } }, "auth_ref": [] }, "us-gaap_RegulatoryAssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetsCurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Regulatory assets", "terseLabel": "Regulatory Assets, Current", "label": "Regulatory Asset, Current", "documentation": "Carrying amount as of the balance sheet date of capitalized costs of regulated entities that are expected to be recovered through revenue sources within one year or the normal operating cycle, if longer. Such costs are capitalized if they meet both of the following criteria: a. It is probable that future revenue in an amount at least equal to the capitalized cost will result from inclusion of that cost in allowable costs for rate-making purposes. b. Based on available evidence, the future revenue will be provided to permit recovery of the previously incurred cost rather than to provide for expected levels of similar future costs. If the revenue will be provided through an automatic rate-adjustment clause, this criterion requires that the regulator's intent clearly be to permit recovery of the previously incurred cost." } } }, "auth_ref": [ "r213" ] }, "us-gaap_RegulatoryAssetsNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryAssetsNoncurrent", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_OtherAssetsNoncurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Regulatory assets", "terseLabel": "Regulatory Assets, Noncurrent", "label": "Regulatory Asset, Noncurrent", "documentation": "Carrying amount as of the balance sheet date of capitalized costs of regulated entities that are not expected to be recovered through revenue sources within one year or the normal operating cycle if longer." } } }, "auth_ref": [ "r213" ] }, "nix_RegulatoryDeferralJointVenture": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryDeferralJointVenture", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Deferral - Joint Venture", "label": "Regulatory Deferral - Joint Venture", "documentation": "Regulatory Deferral - Joint Venture" } } }, "auth_ref": [] }, "nix_RegulatoryEffectsOfAccountingForIncomeTaxesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryEffectsOfAccountingForIncomeTaxesMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Effects Of Accounting For Income Taxes", "label": "Regulatory Effects Of Accounting For Income Taxes [Member]", "documentation": "Regulatory Effects Of Accounting For Income Taxes [Member]" } } }, "auth_ref": [] }, "us-gaap_RegulatoryLiabilities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryLiabilities", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Liabilities", "label": "Regulatory Liability", "documentation": "The amount for the individual regulatory liability as itemized in a table of regulatory liabilities as of the end of the period." } } }, "auth_ref": [ "r214" ] }, "us-gaap_RegulatoryLiabilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryLiabilityAxis", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails", "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Liability [Axis]", "label": "Regulatory Liability [Axis]", "documentation": "Information by type of regulatory liability." } } }, "auth_ref": [ "r214" ] }, "us-gaap_RegulatoryLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 9.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Regulatory liabilities", "terseLabel": "Regulatory Liability, Current", "label": "Regulatory Liability, Current", "documentation": "The amount for the individual regulatory current liability as itemized in a table of regulatory current liabilities as of the end of the period." } } }, "auth_ref": [ "r214" ] }, "us-gaap_RegulatoryLiabilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryLiabilityDomain", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
```

```
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Liability [Domain]", "label": "Regulatory Liability [Domain]", "documentation": "Rate action of a regulator resulting in accrual of costs or expenses." } } }, "auth_ref": [ "r214" ] }, "us-gaap_RegulatoryLiabilityNoncurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RegulatoryLiabilityNoncurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesNoncurrent", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets",
"http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "Regulatory liabilities", "terseLabel": "Regulatory Liability, Noncurrent", "label": "Regulatory Liability, Noncurrent", "documentation": "The amount for the individual regulatory noncurrent liability as itemized in a table of regulatory noncurrent liabilities as of the end of the period." } } }, "auth_ref": [ "r125" ] }, "nix_RegulatoryMattersCOVIDLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryMattersCOVIDLineItems", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Matters COVID [Line Items]", "label": "Regulatory Matters COVID [Line Items]", "documentation": "Regulatory Matters COVID [Line Items]" } } }, "auth_ref": [] },
"nix_RegulatoryMattersCOVIDTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RegulatoryMattersCOVIDTable",
"presentation": [ "http://www.nisource.com/role/RegulatoryMattersScheduleofCOVID19RegulatoryImpactDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Matters COVID [Table]", "label": "Regulatory Matters COVID [Table]", "documentation": "Regulatory Matters COVID [Table]" } } }, "auth_ref": [] }, "us-gaap_RelatedPartyDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyDomain", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "External Revenue", "label": "Related and Nonrelated Parties [Domain]", "documentation": "Related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": [ "r452", "r704", "r946", "r947", "r1022", "r1029", "r1114", "r1115", "r1116", "r1117", "r1118", "r1138", "r1140", "r1164" ] }, "us-gaap_RelatedPartyMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyMember", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Intersegment Revenue", "label": "Related Party [Member]", "documentation": "Party related to reporting entity. Includes, but is not limited to, affiliate, entity for which investment is accounted for by equity method, trust for benefit of employees, and principal owner, management, and members of immediate family." } } }, "auth_ref": [ "r351", "r352", "r946", "r947", "r948", "r949", "r1022", "r1029", "r1114", "r1115", "r1116", "r1117", "r1118", "r1138", "r1140", "r1164" ] }, "us-gaap_RelatedPartyTransactionAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transaction [Axis]", "label": "Related Party Transaction [Axis]", "documentation": "Information by type of related party transaction." } } }, "auth_ref": [ "r946", "r947", "r1671" ] }, "us-gaap_RelatedPartyTransactionDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionDomain",
"presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Related Party Transaction [Domain]", "label": "Related Party Transaction [Domain]", "documentation": "Transaction between related party." } } }, "auth_ref": [] }, "us-gaap_RelatedPartyTransactionsByRelatedPartyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RelatedPartyTransactionsByRelatedPartyAxis", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Related Party [Axis]", "label": "Related and Nonrelated Parties [Axis]", "documentation": "Information by related and nonrelated parties. Related party includes, but is not limited to, affiliate, other entity for which investment is accounted for under equity method, trust for benefit of employee, principal owner, management, and member of immediate family, and other party that may be prevented from pursuing separate interests because of control, significant influence, or ownership interest." } } }, "auth_ref": [ "r452", "r704", "r946", "r947", "r1022", "r1029", "r1114", "r1115", "r1116", "r1117", "r1118", "r1138", "r1140", "r1164", "r1671" ] }, "nix_RelativeTotalShareholderReturnMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RelativeTotalShareholderReturnMember", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Relative Total Shareholder Return", "label": "Relative Total Shareholder Return [Member]", "documentation": "Relative Total Shareholder Return" } } }, "auth_ref": [] }, "us-gaap_RemainingAmountsOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RemainingAmountsOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Remaining Amounts of Regulatory Assets for which No Return on Investment During Recovery Period is Provided", "label": "Remaining Amounts of Regulatory Assets for which No Return on Investment During Recovery Period is Provided", "documentation": "Remaining balance of regulatory assets for which no return on investment during recovery is provided. In some cases, a regulator may permit an enterprise to include a cost that would be charged to expense by an unregulated enterprise as an allowable cost over a period of time by amortizing that cost for rate-making purposes, but the regulator does not include the unrecovered amount in the rate base." } } }, "auth_ref": [ "r112", "r213" ] }, "nix_RemainingLeaseTerm": { "xbrltype": "durationItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RemainingLeaseTerm", "presentation": [
"http://www.nisource.com/role/LeasesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Remaining Lease Term", "label": "Remaining Lease Term", "documentation": "Remaining Lease Term" } } }, "auth_ref": [] }, "us-gaap_RemainingRecoveryPeriodOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RemainingRecoveryPeriodOfRegulatoryAssetsForWhichNoReturnOnInvestmentDuringRecoveryPeriodIsProvided1", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersNarrativeDetails", "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails",
"http://www.nisource.com/role/RegulatoryMattersRegulatoryLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided", "label": "Remaining Recovery Period of Regulatory Assets for which No Return on Investment During Recovery Period is Provided", "documentation": "Remaining recovery period of regulatory assets for which no return on investment during recovery period is provided, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r112", "r213" ] }, "us-gaap_RenewableEnergyProgramMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RenewableEnergyProgramMember", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Renewable Energy Program", "label": "Renewable Energy Program [Member]", "documentation": "Rate action of a regulator resulting in capitalization or accrual of costs related to implementable renewable energy program." } } }, "auth_ref": [] }, "nix_RenewableGenerationAssetsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RenewableGenerationAssetsMember", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Renewable Generation Assets", "label": "Renewable Generation Assets [Member]", "documentation": "Renewable Generation Assets" } } }, "auth_ref": [] }, "us-gaap_RepaymentsOfLongTermDebtAndCapitalSecurities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfLongTermDebtAndCapitalSecurities", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 15.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedLabel": "Repayments of long-term debt and finance lease obligations", "label": "Repayment of Long-Term Debt, Long-Term Lease Obligation, and Capital Security", "documentation": "Amount of cash outflow for debt, mandatory redeemable security, and principal payment for finance lease obligation." } } }, "auth_ref": [ "r148", "r149" ] }, "us-gaap_RepaymentsOfOtherDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfOtherDebt", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 13.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Payment of obligation to renewable generation asset developer", "label": "Repayments of Other Debt", "documentation": "Amount of cash outflow for the payment of debt classified as other." } } }, "auth_ref": [ "r149" ] }, "us-gaap_RepaymentsOfShortTermDebt": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RepaymentsOfShortTermDebt", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "weight": -1.0, "order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Repayment of short term credit agreements", "label": "Repayments of Short-Term Debt", "documentation": "The cash outflow for a borrowing having initial term of repayment within one year or the normal operating cycle, if longer." } } }, "auth_ref": [ "r149" ] }, "nix_ReserveForAccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReserveForAccountsReceivableMember", "presentation": [
"http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reserve For Accounts Receivable [Member]", "label": "Reserve For Accounts Receivable [Member]", "documentation": "Reserve For Accounts Receivable [Member]" } } }, "auth_ref": [] },
"nix_ReserveForDeferredChargesAndOtherMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReserveForDeferredChargesAndOtherMember", "presentation": [ "http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reserve for Deferred Charges and Other", "label": "Reserve for Deferred Charges and Other [Member]", "documentation": "Reserve for Deferred Charges and Other" } } }, "auth_ref": [] }, "nix_ReserveForOtherInvestmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ReserveForOtherInvestmentsMember", "presentation": [ "http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Reserve For Other Investments [Member]", "label": "Reserve For Other Investments [Member]", "documentation": "Reserve For Other Investments [Member]" } } }, "auth_ref": [] }, "nix_ResidentialMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ResidentialMember", "presentation": [
"http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Residential", "label": "Residential [Member]", "documentation": "Residential" } } }, "auth_ref": [] }, "ecd_RestatementDateAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDateAxis", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Restatement Determination Date:", "label": "Restatement Determination Date [Axis]" } } }, "auth_ref": [ "r1323", "r1334", "r1344", "r1377" ] }, "ecd_RestatementDeterminationDate": { "xbrltype": "dateItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDeterminationDate", "presentation": [
"http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Restatement Determination Date", "label": "Restatement Determination Date" } } }, "auth_ref": [ "r1324", "r1335", "r1345", "r1378" ] }, "ecd_RestatementDoesNotRequireRecoveryTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "RestatementDoesNotRequireRecoveryTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/ErrCompDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Restatement does not require Recovery", "label": "Restatement Does Not Require Recovery [Text Block]" } } }, "auth_ref": [ "r1331", "r1342", "r1352", "r1385" ] }, "us-gaap_RestrictedCashAndCashEquivalents": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedCashAndCashEquivalents", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 8.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets",
"http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation" ], "lang": { "en-us": { "role": { "terseLabel": "Restricted cash", "label": "Restricted Cash and Cash Equivalents", "documentation": "Amount of cash and cash equivalents restricted as to withdrawal or usage. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r36", "r187", "r294", "r344", "r1023" ] }, "us-gaap_RestrictedStockUnitsRSUMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestrictedStockUnitsRSUMember", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails",
"http://www.nisource.com/role/ShareBasedCompensationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Restricted Stock Units (RSUs)", "label": "Restricted Stock Units
```

{(RSUs) [Member]", "documentation": "Share instrument which is convertible to stock or an equivalent amount of cash, after a specified period of time or when specified performance conditions are met." } } }, "auth_ref": [] }, "us-gaap_RestructuringAndRelatedCostExpectedCost1": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RestructuringAndRelatedCostExpectedCost1", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Restructuring and Related Cost, Expected Cost", "label": "Restructuring and Related Cost, Expected Cost", "documentation": "Amount expected to be recognized in earnings for the specified restructuring cost." } } }, "auth_ref": ["r569", "r570", "r571", "r572"] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Retained deficit", "label": "Retained Earnings (Accumulated Deficit)", "documentation": "Amount of accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r134", "r168", "r1026", "r1067", "r1072", "r1084", "r1121", "r1277"] }, "us-gaap_RetainedEarningsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsMember", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Retained Deficit", "label": "Retained Earnings [Member]", "documentation": "Accumulated undistributed earnings (deficit)." } } }, "auth_ref": ["r286", "r360", "r361", "r362", "r367", "r375", "r377", "r379", "r497", "r505", "r553", "r812", "r813", "r826", "r827", "r828", "r832", "r840", "r841", "r857", "r860", "r861", "r865", "r877", "r915", "r918", "r1063", "r1065", "r1088", "r1722"] }, "nix_RetiredCoalGeneratingStationsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RetiredCoalGeneratingStationsMember", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Retired coal generating stations", "label": "Retired coal generating stations [Member]", "documentation": "Retired coal generating stations" } } }, "auth_ref": [] }, "us-gaap_RetirementPlanFundingStatusAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanFundingStatusAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Funding Status [Axis]", "label": "Defined Benefit Plan, Funding Status [Axis]", "documentation": "Information by status of funding for defined benefit plan designed to provide retirement benefits." } } }, "auth_ref": ["r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanFundingStatusDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanFundingStatusDomain", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Funding Status [Domain]", "label": "Defined Benefit Plan, Funding Status [Domain]", "documentation": "Status of funding for defined benefit plan designed to provide retirement benefits." } } }, "auth_ref": ["r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanNameAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanNameAxis", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Name [Axis]", "label": "Retirement Plan Name [Axis]", "documentation": "Information by name of plan designed to provide retirement benefits. Includes, but is not limited to, legal name of defined benefit and defined contribution plans." } } }, "auth_ref": ["r730", "r731", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r1257", "r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanNameDomain", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Name [Domain]", "label": "Retirement Plan Name [Domain]", "documentation": "Name of plan designed to provide retirement benefits. Includes, but is not limited to, legal name of defined benefit and defined contribution plans." } } }, "auth_ref": ["r730", "r731", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r1257", "r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanSponsorLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationAxis", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location [Axis]", "label": "Retirement Plan Sponsor Location [Axis]", "documentation": "Information by location of employer sponsoring plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r700", "r701", "r702", "r704", "r707", "r711", "r712", "r713", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r1602", "r1603", "r1604"] }, "us-gaap_RetirementPlanSponsorLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanSponsorLocationDomain", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Sponsor Location [Domain]", "label": "Retirement Plan Sponsor Location [Domain]", "documentation": "Location of employer sponsoring plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r700", "r701", "r702", "r704", "r707", "r711", "r712", "r713", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r1602", "r1603", "r1604"] }, "us-gaap_RetirementPlanTaxStatusAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTaxStatusAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Tax Status [Axis]", "label": "Retirement Plan Tax Status [Axis]", "documentation": "Information by tax status of plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanTaxStatusDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTaxStatusDomain", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Tax Status [Domain]", "label": "Retirement Plan Tax Status [Domain]", "documentation": "Tax status of plan designed to provide retirement benefits. Includes, but is not limited to, defined benefit and defined contribution plans." } } }, "auth_ref": ["r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600"] }, "us-gaap_RetirementPlanTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeAxis", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type [Axis]", "label": "Retirement Plan Type [Axis]", "documentation": "Information by type of retirement benefit plan. Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement." } } }, "auth_ref": ["r651", "r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r701", "r702", "r704", "r707", "r710", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r727", "r728", "r729", "r739", "r1249", "r1250", "r1251", "r1252", "r1253", "r1254", "r1255", "r1256"] }, "us-gaap_RetirementPlanTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetirementPlanTypeDomain", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables"], "lang": { "en-us": { "role": { "terseLabel": "Retirement Plan Type [Domain]", "label":

```
"Retirement Plan Type [Domain]", "documentation": "Type of plan designed to provide participants with retirement benefits. Includes, but is not limited to, retirement benefit arrangement for defined benefit pension and other postretirement plans, retirement benefit arrangement for defined contribution pension and other postretirement plans, and special and contractual termination benefits payable upon retirement." } } }, "auth_ref": [ "r651", "r655", "r656", "r657", "r658", "r659", "r660", "r661", "r662", "r663", "r664", "r665", "r666", "r667", "r668", "r669", "r670", "r671", "r672", "r673", "r674", "r675", "r676", "r677", "r679", "r680", "r681", "r682", "r683", "r684", "r685", "r686", "r687", "r688", "r689", "r690", "r691", "r692", "r693", "r694", "r695", "r696", "r697", "r699", "r701", "r702", "r704", "r707", "r710", "r714", "r715", "r716", "r717", "r718", "r719", "r720", "r721", "r722", "r723", "r727", "r728", "r729", "r739", "r1249", "r1250", "r1251", "r1252", "r1253", "r1254", "r1255", "r1256" ] }, "us-gaap_RevenueFromContractWithCustomerAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerAbstract", "lang": { "en-us": { "role": { "terseLabel": "Revenue from Contract with Customer [Abstract]", "label": "Revenue from Contract with Customer [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevenueFromContractWithCustomerExcludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerExcludingAssessedTax", "crdr": "credit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_RegulatedOperatingRevenue", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "terseLabel": "Customer revenues", "label": "Revenue from Contract with Customer, Excluding Assessed Tax", "documentation": "Amount, excluding tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value added and excise." } } }, "auth_ref": [ "r218", "r219", "r413", "r422", "r423", "r437", "r443", "r446", "r448", "r449", "r646", "r647", "r988" ] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": [ "http://www.nisource.com/role/RevenueRecognition" ], "lang": { "en-us": { "role": { "terseLabel": "Revenue from Contract with Customer", "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": [ "r245", "r638", "r639", "r640", "r641", "r642", "r643", "r644", "r645", "r649" ] }, "us-gaap_RevenueRecognitionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueRecognitionAbstract", "lang": { "en-us": { "role": { "terseLabel": "Revenue Recognition [Abstract]", "label": "Revenue Recognition [Abstract]" } } }, "auth_ref": [] }, "us-gaap_RevolvingCreditFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevolvingCreditFacilityMember", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Revolving Credit Facility", "label": "Revolving Credit Facility [Member]", "documentation": "Arrangement in which loan proceeds can continuously be obtained following repayments, but the total amount borrowed cannot exceed a specified maximum amount." } } }, "auth_ref": [] }, "nix_RevolvingCreditPercentageRequirementInNIPSCO": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RevolvingCreditPercentageRequirementInNIPSCO", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Revolving credit percentage requirement in NIPSCO", "label": "Revolving credit percentage requirement in NIPSCO", "documentation": "Revolving credit percentage requirement in NIPSCO" } } }, "auth_ref": [] }, "us-gaap_RightOfUseAssetObtainedInExchangeForFinanceLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForFinanceLeaseLiability", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Right-of-Use Asset Obtained in Exchange for Finance Lease Liability", "label": "Right-of-Use Asset Obtained in Exchange for Finance Lease Liability", "documentation": "Amount of increase in right-of-use asset obtained in exchange for finance lease liability." } } }, "auth_ref": [ "r931", "r1276" ] }, "us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Right-of-Use Asset Obtained in Exchange for Operating Lease Liability", "label": "Right-of-Use Asset Obtained in Exchange for Operating Lease Liability", "documentation": "Amount of increase in right-of-use asset obtained in exchange for operating lease liability." } } }, "auth_ref": [ "r931", "r1276" ] }, "nix_RightofUseAssetsandLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RightofUseAssetsandLiabilitiesTableTextBlock", "presentation": [ "http://www.nisource.com/role/LeasesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Right-of-Use Assets and Liabilities", "label": "Right-of-Use Assets and Liabilities [Table Text Block]", "documentation": "Right-of-Use Assets and Liabilities" } } }, "auth_ref": [] }, "nix_RiskManagementActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RiskManagementActivitiesAbstract", "lang": { "en-us": { "role": { "terseLabel": "Risk Management Activities [Abstract]", "label": "Risk Management Activities [Abstract]", "documentation": "Risk Management Activities [Abstract]" } } }, "auth_ref": [] }, "nix_RiskManagementAssetsCurrentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RiskManagementAssetsCurrentMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Risk Management Assets Current", "label": "Risk Management Assets Current [Member]", "documentation": "Risk management assets current." } } }, "auth_ref": [] }, "nix_RiskManagementAssetsNoncurrentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RiskManagementAssetsNoncurrentMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Risk Management Assets Noncurrent", "label": "Risk Management Assets Noncurrent [Member]", "documentation": "Risk management assets noncurrent." } } }, "auth_ref": [] }, "nix_RiskManagementLiabilitiesCurrentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RiskManagementLiabilitiesCurrentMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Risk Management Liabilities Current", "label": "Risk Management Liabilities Current [Member]", "documentation": "Risk management liabilities (current)." } } }, "auth_ref": [] }, "nix_RiskManagementLiabilitiesNoncurrentMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RiskManagementLiabilitiesNoncurrentMember", "presentation": [ "http://www.nisource.com/role/RiskManagementActivitiesScheduleofDerivativeInstrumentsinStatementofFinancialPositionFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Risk Management Liabilities Noncurrent", "label": "Risk Management Liabilities Noncurrent [Member]", "documentation": "Risk management liabilities (noncurrent)." } } }, "auth_ref": [] }, "nix_RosewaterMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "RosewaterMember", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNetIncomeAttributabletoNoncontrollingInterestDetails", "http://www.nisource.com/role/VariableInterestEntitiesScheduleofNoncontrollingInterestDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Rosewater", "label": "Rosewater [Member]", "documentation": "Rosewater" } } }, "auth_ref": [] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Adopted", "label": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": [ "r1394" ] }, "ecd_Rule10b51ArrTrmntdFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmntdFlag", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Rule 10b5-1 Arrangement Terminated", "label": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": [ "r1394" ] }, "nix_SafetyActivityCostsDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SafetyActivityCostsDomain", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Safety Activity Costs", "label": "Safety Activity Costs [Domain]", "documentation": "Safety Activity Costs [Domain]" } } }, "auth_ref": [] }, "nix_SaleOfEmissionReductionCredits": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SaleOfEmissionReductionCredits", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/OtherNetScheduleOfOtherNetDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Sale of emission reduction credits", "label": "Sale of emission reduction credits", "documentation": "Sale of emission reduction credits" } } }, "auth_ref": [] }, "srt_ScenarioForecastMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioForecastMember", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Scenario, Forecast", "label": "Forecast [Member]", "documentation": "Information reported for future period. Excludes information expected to be reported in future period for effect on historical fact." } } }, "auth_ref": [ "r738", "r1438", "r1475" ] }, "srt_ScenarioUnspecifiedDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ScenarioUnspecifiedDomain", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Scenario [Domain]", "label": "Scenario [Domain]", "documentation": "Scenario reported, distinguishing information from actual fact. Includes, but is not limited to, pro forma and forecast. Excludes actual facts." } } }, "auth_ref": [ "r281", "r380", "r738", "r1420", "r1475" ] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": [ "http://www.nisource.com/role/AccumulatedOtherComprehensiveLossTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Accumulated Other Comprehensive Income (Loss)", "label": "Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss)." } } }, "auth_ref": [ "r28", "r1664", "r1665" ] }, "us-gaap_ScheduleOfAllocationOfPlanAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAllocationOfPlanAssetsTableTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Allocation of Plan Assets", "label": "Schedule of Allocation of Plan Assets [Table Text Block]", "documentation": "Tabular disclosure of the major categories of plan assets of pension plans and/or other employee benefit plans. This information may include, but is not limited to, the target allocation of plan assets, the fair value of each major category of plan assets, and the level within the fair value hierarchy in which the fair value measurements fall." } } }, "auth_ref": [ "r172" ] }, "us-gaap_ScheduleOfAssumptionsUsedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAssumptionsUsedTableTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Significant Actuarial Assumptions In Determining Funded Status Plan", "label": "Defined Benefit Plan, Assumptions [Table Text Block]", "documentation": "Tabular disclosure of assumption used to determine benefit obligation and net periodic benefit cost of defined benefit plan. Includes, but is not limited to, discount rate, rate of compensation increase, expected long-term rate of return on plan assets and interest crediting rate." } } }, "auth_ref": [ "r698" ] }, "us-gaap_ScheduleOfAvailableForSaleSecuritiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAvailableForSaleSecuritiesLineItems", "presentation": [ "http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Fair Value Disclosure [Line Items]", "label": "Debt Securities, Available-for-Sale [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [ "r461", "r462", "r463", "r464", "r465", "r466", "r467", "r468", "r469", "r470", "r471", "r472" ] }, "us-gaap_ScheduleOfBenefitObligationsInExcessOfFairValueOfPlanAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfBenefitObligationsInExcessOfFairValueOfPlanAssetsTableTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Benefit Obligations in Excess of Fair Value of Plan Assets", "label": "Defined Benefit Plan, Plan with Projected Benefit Obligation in Excess of Plan Assets [Table Text Block]", "documentation": "Tabular disclosure of benefit obligation and plan assets for defined benefit pension plan with projected benefit obligation in excess of plan assets." } } }, "auth_ref": [ "r1249", "r1589" ] }, "nix_ScheduleOfCOVID19RegulatoryImpactTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfCOVID19RegulatoryImpactTableTextBlock", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of COVID-19 Regulatory Impact", "label": "Schedule of COVID-19 Regulatory Impact [Table Text Block]", "documentation": "Schedule of COVID-19 Regulatory Impact" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfCarryingValuesAndEstimatedFairValuesOfDebtInstrumentsTableTextBlock": { "xbrltype": "textBlockItemType",
```

```
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfCarryingValuesAndEstimatedFairValuesOfDebtInstrumentsTableTextBlock", "presentation": [
"http://www.nisource.com/role/FairValueTables" ], "lang": { "en-us": { "role": { "verboseLabel": "Carrying Amount And Estimated Fair Values Of Financial Instruments",
"label": "Schedule of Carrying Values and Estimated Fair Values of Debt Instruments [Table Text Block]", "documentation": "Tabular disclosure of information pertaining to
carrying amount and estimated fair value of short-term and long-term debt instruments or arrangements, including but not limited to, identification of terms, features, and
collateral requirements." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "ScheduleOfCashFlowSupplementalDisclosuresTableTextBlock", "presentation": [
"http://www.nisource.com/role/SupplementalCashFlowInformationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Cash Flow, Supplemental Disclosures",
"label": "Schedule of Cash Flow, Supplemental Disclosures [Table Text Block]", "documentation": "Tabular disclosure of supplemental cash flow information for the periods
presented." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfChangeInAssetRetirementObligationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "ScheduleOfChangeInAssetRetirementObligationTableTextBlock", "presentation": [
"http://www.nisource.com/role/AssetRetirementObligationsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Changes In Liability For Asset Retirement Obligations",
"label": "Schedule of Change in Asset Retirement Obligation [Table Text Block]", "documentation": "Tabular disclosure of the changes in carrying amount of a liability for
asset retirement obligations, for changes such as new obligations, changes in estimates of existing obligations, spending on existing obligations, property dispositions, and
foreign currency translation." } } }, "auth_ref": [ "r1520" ] }, "us-gaap_ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock": { "xbrltype":
"textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfComponentsOfIncomeTaxExpenseBenefitTableTextBlock", "presentation": [
"http://www.nisource.com/role/IncomeTaxesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Components Of Income Tax Expense", "label": "Schedule of
Components of Income Tax Expense (Benefit) [Table Text Block]", "documentation": "Tabular disclosure of the components of income tax expense attributable to continuing
operations for each year presented including, but not limited to: current tax expense (benefit), deferred tax expense (benefit), investment tax credits, government grants, the
benefits of operating loss carryforwards, tax expense that results from allocating certain tax benefits either directly to contributed capital or to reduce goodwill or other
noncurrent intangible assets of an acquired entity, adjustments of a deferred tax liability or asset for enacted changes in tax laws or rates or a change in the tax status of the
entity, and adjustments of the beginning-of-the-year balances of a valuation allowance because of a change in circumstances that causes a change in judgment about the
realizability of the related deferred tax asset in future years." } } }, "auth_ref": [ "r1640" ] }, "us-gaap_ScheduleOfDebtTableTextBlock": { "xbrltype": "textBlockItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDebtTableTextBlock", "presentation": [ "http://www.nisource.com/role/LongTermDebtTables" ], "lang": { "en-
us": { "role": { "terseLabel": "Schedule of Long-Term Debt", "label": "Schedule of Debt [Table Text Block]", "documentation": "Tabular disclosure of information pertaining to
short-term and long-debt instruments or arrangements, including but not limited to identification of terms, features, collateral requirements and other information necessary
to a fair presentation." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfDeferredTaxAssetsAndLiabilitiesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDeferredTaxAssetsAndLiabilitiesTableTextBlock", "presentation": [
"http://www.nisource.com/role/IncomeTaxesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Principal Components Of Net Deferred Tax Liability", "label":
"Schedule of Deferred Tax Assets and Liabilities [Table Text Block]", "documentation": "Tabular disclosure of the components of net deferred tax asset or liability recognized
in an entity's statement of financial position, including the following: the total of all deferred tax liabilities, the total of all deferred tax assets, the total valuation allowance
recognized for deferred tax assets." } } }, "auth_ref": [ "r1637" ] }, "us-
gaap_ScheduleOfDefinedBenefitPlanAmountsRecognizedInOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "ScheduleOfDefinedBenefitPlanAmountsRecognizedInOtherComprehensiveIncomeLossTableTextBlock", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Changes In Plan Assets And Projected
Benefit Obligations Recognized In Other Comprehensive Income", "label": "Schedule of Defined Benefit Plan Amounts Recognized in Other Comprehensive Income (Loss)
[Table Text Block]", "documentation": "Tabular disclosure of the changes in plan assets and benefit obligations recognized in other comprehensive income (loss) during the
period." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfDefinedBenefitPlansDisclosuresTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfDefinedBenefitPlansDisclosuresTable", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsComponentsOfThePlansNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfExpectedPaymentsToParticipantsInPensionPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfKeyAssumptionsThatWereUsedToCalculateTheNetPeriodicBenefitsCostDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfSignificantActuarialAssumptionsInDeterminingFundedStatusPlanDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Defined Benefit Plan [Table]", "label": "Defined
Benefit Plan [Table]", "documentation": "Disclosure of information about individual defined benefit pension plan or other postretirement defined benefit plan. It may be
appropriate to group certain similar plans. Also includes schedule for fair value of plan assets by major categories of plan assets by the level within the fair value hierarchy in
which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets or liabilities (Level 1),
Significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": [ "r15", "r73", "r74", "r75", "r76" ] },
"nix_ScheduleOfDepreciationProvisionsForUtilityPlantAsPercentageOfOriginalCostTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ScheduleOfDepreciationProvisionsForUtilityPlantAsPercentageOfOriginalCostTableTextBlock", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Depreciation Provisions For Utility Plant As A
Percentage Of The Original Cost", "label": "Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost [Table Text Block]", "documentation":
"Schedule Of Depreciation Provisions For Utility Plant As A Percentage Of The Original Cost" } } }, "auth_ref": [] }, "us-
gaap_ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "ScheduleOfDerivativeInstrumentsInStatementOfFinancialPositionFairValueTextBlock", "presentation": [
"http://www.nisource.com/role/RiskManagementActivitiesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Derivative Instruments in Statement of Financial
Position, Fair Value", "label": "Schedule of Derivative Instruments in Statement of Financial Position, Fair Value [Table Text Block]", "documentation": "Tabular disclosure of
the location and fair value amounts of derivative instruments (and nonderivative instruments that are designated and qualify as hedging instruments) reported in the
statement of financial position." } } }, "auth_ref": [ "r98" ] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": [
"http://www.nisource.com/role/EarningsPerShareTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Earnings Per Share, Basic and Diluted", "label": "Schedule
of Earnings Per Share, Basic and Diluted [Table Text Block]", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including
a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": [ "r1478" ] }, "us-
gaap_ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfEffectiveIncomeTaxRateReconciliationTableTextBlock", "presentation": [ "http://www.nisource.com/role/IncomeTaxesTables" ], "lang": { "en-us": { "role": {
"terseLabel": "Schedule Of Reasons Behind Differences In Computation Of Total Income Taxes", "label": "Schedule of Effective Income Tax Rate Reconciliation [Table Text
Block]", "documentation": "Tabular disclosure of the reconciliation using percentage or dollar amounts of the reported amount of income tax expense attributable to
continuing operations for the year to the amount of income tax expense that would result from applying domestic federal statutory tax rates to pretax income from continuing
operations." } } }, "auth_ref": [ "r788", "r1261", "r1633" ] }, "us-gaap_ScheduleOfExpectedBenefitPaymentsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri":
"http://fasb.org/us-gaap/2024", "localname": "ScheduleOfExpectedBenefitPaymentsTableTextBlock", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Expected Payments To Participants In
Pension Plan", "label": "Schedule of Expected Benefit Payments [Table Text Block]", "documentation": "Tabular disclosure of benefits expected to be paid by pension plans
and/or other employee benefit plans in each of the next five fiscal years and in the aggregate for the five fiscal years thereafter." } } }, "auth_ref": [ "r173" ] },
"nix_ScheduleOfFairValueAndChangesInFairValueOfPensionPlanAssetsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ScheduleOfFairValueAndChangesInFairValueOfPensionPlanAssetsTableTextBlock", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Fair Value and Changes In The Fair
Value Of The Plan Assets", "label": "Schedule Of Fair Value And Changes In Fair Value Of Pension Plan Assets [Table Text Block]", "documentation": "Schedule Of Fair Value
and Changes in Fair Value Of Pension Plan Assets [Table Text Block]" } } }, "auth_ref": [] }, "us-
gaap_ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "ScheduleOfFairValueAssetsAndLiabilitiesMeasuredOnRecurringBasisTableTextBlock", "presentation": [ "http://www.nisource.com/role/FairValueTables" ],
"lang": { "en-us": { "role": { "terseLabel": "Schedule of Fair Value, Assets and Liabilities Measured on Recurring Basis", "label": "Schedule of Fair Value, Assets and Liabilities
Measured on Recurring Basis [Table Text Block]", "documentation": "Tabular disclosure of assets and liabilities, including [financial] instruments measured at fair value that
are classified in stockholders' equity, if any, that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at
the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted
prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3)." } } }, "auth_ref": [ "r1648",
"r1649" ] }, "us-gaap_ScheduleOfFinancingReceivableAllowanceForCreditLossesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfFinancingReceivableAllowanceForCreditLossesTable", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Financing Receivable, Allowance for Credit Loss [Table]", "label": "Financing Receivable, Allowance for Credit Loss [Table]",
"documentation": "Disclosure of information about allowance for credit loss on financing receivable." } } }, "auth_ref": [ "r251", "r1507" ] }, "us-
gaap_ScheduleOfGoodwillTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGoodwillTable", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Goodwill [Table]", "label": "Goodwill [Table]",
"documentation": "Disclosure of information about goodwill, including, but not limited to, change from acquisition, sale, impairment, and other reason." } } }, "auth_ref": [
"r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r537", "r538", "r1230" ] }, "us-gaap_ScheduleOfGuaranteeObligationsTable": { "xbrltype":
"stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfGuaranteeObligationsTable", "presentation": [
"http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Guarantor Obligation [Table]", "label":
"Guarantor Obligation [Table]", "documentation": "Disclosure of information about guarantor obligation by guarantee or group of guarantees. Includes, but is not limited to,
nature, terms, origin, and purpose of guarantee, triggering event, maximum exposure, and amount of obligation. Excludes product warranty." } } }, "auth_ref": [ "r582",
"r583", "r584", "r585" ] }, "nix_ScheduleOfIncomeTaxExpenseAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"ScheduleOfIncomeTaxExpenseAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Schedule of Income Tax Expense [Axis]", "label": "Schedule of Income Tax Expense [Axis]", "documentation": "Schedule of Income Tax Expense [Axis]"
} } }, "auth_ref": [] }, "nix_ScheduleOfIncomeTaxExpenseBenefitLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"ScheduleOfIncomeTaxExpenseBenefitLineItems", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang":
{ "en-us": { "role": { "terseLabel": "Schedule of Income Tax Expense/Benefit [Line Items]", "label": "Schedule of Income Tax Expense Benefit [Line Items]", "documentation": "
[Line Items] for Schedule of Income Tax Expense Benefit [Table]" } } }, "auth_ref": [] }, "nix_ScheduleOfIncomeTaxExpenseBenefitTable": { "xbrltype": "stringItemType",
"nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfIncomeTaxExpenseBenefitTable", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Income Tax
Expense Benefit [Table]", "label": "Schedule of Income Tax Expense Benefit [Table]", "documentation": "Schedule of Income Tax Expense Benefit [Table]" } } }, "auth_ref": []
}, "nix_ScheduleOfIncomeTaxExpenseDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
```

```
"ScheduleOfIncomeTaxExpenseDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Income Tax Expense [Domain]", "label": "Schedule of Income Tax Expense [Domain]", "documentation": "[Domain] for Schedule of Income Tax Expense [Axis]" } } }, "auth_ref": [] }, "nix_ScheduleOfInterestExpenseNetTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfInterestExpenseNetTableTextBlock", "presentation": [ "http://www.nisource.com/role/InterestExpenseNetTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Interest Expense, Net", "label": "Schedule Of Interest Expense Net [Table Text Block]", "documentation": "Schedule Of Interest Expense Net [Table Text Block]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfNetBenefitCostsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfNetBenefitCostsTableTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "verboseLabel": "Components Of The Plans' Net Periodic Benefits Cost", "label": "Schedule of Net Benefit Costs [Table Text Block]", "documentation": "Tabular disclosure of the components of net benefit costs for pension plans and/or other employee benefit plans including service cost, interest cost, expected return on plan assets, gain (loss), prior service cost or credit, transition asset or obligation, and gain (loss) recognized due to settlements or curtailments." } } }, "auth_ref": [ "r174" ] }, "us-gaap_ScheduleOfNetFundedStatusTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfNetFundedStatusTableTextBlock", "presentation": [ "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsTables" ], "lang": { "en-us": { "role": { "verboseLabel": "Schedule Of Reconciliation Of The Plan Funded Status", "label": "Schedule of Net Funded Status [Table Text Block]", "documentation": "Tabular disclosure of net funded status of pension plans and/or other employee benefit plans." } } }, "auth_ref": [ "r72" ] }, "us-gaap_ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherNonoperatingIncomeExpenseTableTextBlock", "presentation": [ "http://www.nisource.com/role/OtherNetTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Other, Net", "label": "Schedule of Other Nonoperating Income (Expense) [Table Text Block]", "documentation": "Tabular disclosure of the components of non-operating income or non-operating expense that may include amounts earned from dividends, interest on securities, gains (losses) on securities sold, equity earnings of unconsolidated affiliates, net gain (loss) on sales of business, interest expense and other miscellaneous income or expense items." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfOtherShareBasedCompensationActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfOtherShareBasedCompensationActivityTableTextBlock", "presentation": [ "http://www.nisource.com/role/ShareBasedCompensationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Transactions Of Share-Based Compensation Other Than Stock Options", "label": "Share-Based Payment Arrangement, Outstanding Award, Activity, Excluding Option [Table Text Block]", "documentation": "Tabular disclosure of activity for outstanding award under share-based payment arrangement excluding share and unit options and nonvested award." } } }, "auth_ref": [ "r177" ] }, "nix_ScheduleOfPrincipalComponentsOfNetTaxExpenseAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfPrincipalComponentsOfNetTaxExpenseAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Principal Components Of Net Tax Expense [Axis]", "label": "Schedule Of Principal Components Of Net Tax Expense [Axis]", "documentation": "Schedule Of Principal Components Of Net Tax Expense [Axis]" } } }, "auth_ref": [] }, "nix_ScheduleOfPrincipalComponentsOfNetTaxExpenseDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfPrincipalComponentsOfNetTaxExpenseDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Principal Components Of Net Tax Expense [Domain]", "label": "Schedule Of Principal Components Of Net Tax Expense [Domain]", "documentation": "[Domain] for Schedule Of Principal Components Of Net Tax Expense [Axis]" } } }, "auth_ref": [] }, "nix_ScheduleOfPrincipalComponentsOfNetTaxExpenseLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfPrincipalComponentsOfNetTaxExpenseLineItems", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Principal Components of Net Tax Expense [Line Items]", "label": "Schedule of Principal Components of Net Tax Expense [Line Items]", "documentation": "[Line Items] for Schedule of Principal Components of Net Tax Expense [Table]" } } }, "auth_ref": [] }, "nix_ScheduleOfPrincipalComponentsOfNetTaxExpenseTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfPrincipalComponentsOfNetTaxExpenseTable", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfPrincipalComponentsOfNetDeferredTaxLiabilityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Principal Components of Net Tax Expense [Table]", "label": "Schedule of Principal Components of Net Tax Expense [Table]", "documentation": "Schedule of Principal Components of Net Tax Expense [Table]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfPropertyPlantAndEquipmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfPropertyPlantAndEquipmentTable", "presentation": [
"http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails
"http://www.nisource.com/role/PropertyPlantAndEquipmentScheduleOfPropertyPlantAndEquipmentDetails",
"http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Property, Plant and Equipment [Table]", "label": "Property, Plant and Equipment [Table]", "documentation": "Disclosure of information about physical assets used in the normal conduct of business and not intended for resale. Includes, but is not limited to, balances by class of assets, depreciation and depletion expense and method used, including composite depreciation, and accumulated deprecation." } } }, "auth_ref": [ "r14", "r935" ] }, "nix_ScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesLineItems", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Line Items]", "label": "Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Line Items]", "documentation": "[Line Items] for Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table]" } } }, "auth_ref": [] }, "nix_ScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesTable", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleOfReasonsBehindDifferencesInComputationOfTotalIncomeTaxesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table]", "label": "Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table]", "documentation": "Schedule of Reasons Behind Differences in Computation of Total Income Taxes [Table]" } } }, "auth_ref": [] }, "us-gaap_ScheduleOfRegulatoryAssetsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRegulatoryAssetsTextBlock", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersTables" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Assets", "label": "Schedule of Regulatory Assets [Table Text Block]", "documentation": "Tabular disclosure of assets that are created when regulatory agencies permit public utilities to defer certain costs included in rate-setting to the balance sheet." } } }, "auth_ref": [ "r111", "r113", "r213" ] }, "us-gaap_ScheduleOfRegulatoryLiabilitiesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfRegulatoryLiabilitiesTextBlock", "presentation": [ "http://www.nisource.com/role/RegulatoryMattersTables" ], "lang": { "en-us": { "role": { "terseLabel": "Regulatory Liabilities", "label": "Schedule of Regulatory Liabilities [Table Text Block]", "documentation": "Tabular disclosure of regulatory liabilities. Detailed information about liabilities that result from rate actions of a regulator. Rate actions of a regulator can impose a liability on a regulated enterprise resulting in a regulatory liability." } } }, "auth_ref": [ "r214" ] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTable", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Segment Reporting Information, by Segment [Table]", "label": "Schedule of Segment Reporting Information, by Segment [Table]", "documentation": "Disclosure of information about profit (loss) and total assets by reportable segment." } } }, "auth_ref": [ "r46", "r47", "r48" ] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationTables" ], "lang": { "en-us": { "role": { "verboseLabel": "Schedule Of Operating Income Derived From Revenues And Expenses By Segment", "label": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "documentation": "Tabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": [ "r46", "r47", "r48" ] }, "us-gaap_ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationArrangementsByShareBasedPaymentAwardTable", "presentation": [
"http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails",
"http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails",
"http://www.nisource.com/role/ShareBasedCompensationTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Share-Based Compensation Arrangements By Share-based Payment Award [Table]", "label": "Schedule of Share-Based Compensation Arrangements by Share-Based Payment Award [Table]", "documentation": "Disclosure of information about share-based payment arrangement." } } }, "auth_ref": [ "r741", "r742", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770" ] }, "us-gaap_ScheduleOfShortTermDebtTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShortTermDebtTable", "presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Short-term Debt [Table]", "label": "Short-Term Debt [Table]", "documentation": "Disclosure of information about short-term debt arrangement. Includes, but is not limited to, description of arrangement, lender, repayment term, weighted-average interest rate, borrowed amount, and description and amount of refinancing of short-term obligation when obligation is excluded from current liability." } } }, "auth_ref": [ "r118" ] }, "us-gaap_ScheduleOfStockByClassTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfStockByClassTable", "presentation": [ "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Stock by Class - Preferred", "label": "Stock, Class of Stock [Table]", "documentation": "Disclosure of information about stock by class. Includes, but is not limited to, common, convertible, and preferred stocks." } } }, "auth_ref": [ "r60", "r61", "r63", "r64", "r65", "r67", "r161", "r165", "r167", "r168", "r302", "r303", "r304", "r415", "r619", "r620", "r621", "r623", "r626", "r631", "r633", "r1080", "r1081", "r1082", "r1083", "r1239", "r1418", "r1462" ] }, "us-gaap_ScheduleOfStockByClassTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfStockByClassTextBlock", "presentation": [ "http://www.nisource.com/role/EquityTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Stock by Class - Preferred", "label": "Schedule of Stock by Class [Table Text Block]", "documentation": "Tabular disclosure of an entity's stock, including par or stated value per share, number and dollar amount of share subscriptions, shares authorized, shares issued, shares outstanding, number and dollar amount of shares held in an employee trust, dividend per share, total dividends, share conversion features, par value plus additional paid in capital, the value of treasury stock and other information necessary to a fair presentation, and EPS information. Stock by class includes common, convertible, and preferred stocks which are not redeemable or redeemable solely at the option of the issuer. Includes preferred stock with redemption features that are solely within the control of the issuer and mandatorily redeemable stock if redemption is required to occur only upon liquidation or termination of the reporting entity. If more than one issue is outstanding, state the title of each issue and the corresponding dollar amount; dollar amount of any shares subscribed but unissued and the deduction of subscriptions receivable there from; number of shares authorized, issued, and outstanding." } } }, "auth_ref": [ "r26", "r57", "r60", "r61", "r63", "r64", "r65", "r67", "r131", "r132", "r165", "r167", "r168" ] }, "nix_ScheduleOfStockOfferingProgramTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfStockOfferingProgramTableTextBlock", "presentation": [ "http://www.nisource.com/role/EquityTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule Of Stock Offering Program", "label": "Schedule Of Stock Offering Program [Table Text Block]", "documentation": "Tabular disclosure of distribution of common stock made by the entity based on a contractual equity distribution agreement, including number of shares, share price and proceeds." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfUnrecognizedTaxBenefitsRollForwardTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfUnrecognizedTaxBenefitsRollForwardTableTextBlock", "presentation": [ "http://www.nisource.com/role/IncomeTaxesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of Unrecognized Tax Benefits Roll Forward", "label": "Schedule of Unrecognized Tax Benefits Roll Forward [Table Text Block]", "documentation": "Tabular disclosure of the change in unrecognized tax benefits." } } }, "auth_ref": [ "r797", "r1260" ] }, "nix_ScheduleOfVIEAssetsAndLiabilitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ScheduleOfVIEAssetsAndLiabilitiesTable", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Schedule of VIE Assets and Liabilities [Table]", "label": "Schedule of VIE Assets and Liabilities [Table]", "documentation": "Schedule of VIE Assets and Liabilities" } } }, "auth_ref": [] },
```

```
"srt_ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/srt/2024", "localname":
"ScheduleOfValuationAndQualifyingAccountsDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/ValuationandQualifyingAccountsTables" ], "lang": { "en-
us": { "role": { "terseLabel": "Schedule of Valuation and Qualifying Accounts Disclosure", "label": "SEC Schedule, 12-09, Schedule of Valuation and Qualifying Accounts
Disclosure [Text Block]", "documentation": "The entire disclosure for valuation and qualifying accounts and reserves." } } }, "auth_ref": [ "r258", "r359" ] }, "us-
gaap_ScheduleOfVariableInterestEntitiesTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfVariableInterestEntitiesTable", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Variable Interest Entity [Table]", "label": "Variable Interest Entity [Table]", "documentation": "Disclosure of information about variable interest held, whether
or not such variable interest entity (VIE) is included in consolidated financial statements." } } }, "auth_ref": [ "r84", "r85", "r86", "r87", "r88", "r843", "r844", "r848", "r849",
"r966", "r967", "r968" ] }, "us-gaap_ScheduleOfVariableInterestEntitiesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"ScheduleOfVariableInterestEntitiesTextBlock", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesTables" ], "lang": { "en-us": { "role": { "terseLabel":
"Variable Interest Entities Assets and Liabilities", "label": "Schedule of Variable Interest Entities [Table Text Block]", "documentation": "Tabular disclosure of the significant
judgments and assumptions made in determining whether a variable interest (as defined) held by the entity requires the variable interest entity (VIE) (as defined) to be
consolidated and (or) disclose information about its involvement with the VIE, individually or in aggregate (as applicable); the nature of restrictions, if any, on the
consolidated VIE's assets and on the settlement of its liabilities reported by an entity in its statement of financial position, including the carrying amounts of such assets and
liabilities; the nature of, and changes in, the risks associated with involvement in the VIE; how involvement with the VIE affects the entity's financial position, financial
performance, and cash flows; the lack of recourse if creditors (or beneficial interest holders) of the consolidated VIE have no recourse to the general credit of the primary
beneficiary (if applicable); the terms of arrangements, giving consideration to both explicit arrangements and implicit variable interests, if any, that could require the entity
to provide financial support to the VIE, including events or circumstances that could expose the entity to a loss; the methodology used by the entity for determining whether
or not it is the primary beneficiary of the variable interest entity; the significant factors considered and judgments made in determining that the power to direct the activities
of a VIE that most significantly impact the VIE's economic performance are shared (as defined); the carrying amounts and classification of assets and liabilities of the VIE
included in the statement of financial position; the entity's maximum exposure to loss, if any, as a result of its involvement with the VIE, including how the maximum exposure
is determined and significant sources of the entity's exposure to the VIE; a comparison of the carrying amounts of the assets and liabilities and the entity's maximum exposure
to loss; information about any liquidity arrangements, guarantees, and (or) other commitments by third parties that may affect the fair value or risk of the entity's variable
interest in the VIE; whether or not the entity has provided financial support or other support (explicitly or implicitly) to the VIE that it was not previously contractually
required to provide or whether the entity intends to provide that support, including the type and amount of the support and the primary reasons for providing the support; and
supplemental information the entity determines necessary to provide." } } }, "auth_ref": [ "r84", "r85", "r86", "r87", "r88" ] },
"nix_Scheduleofinterestandincometaxespaidabstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"Scheduleofinterestandincometaxespaidabstract", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Schedule of interest and income taxes paid:", "label": "Schedule of interest and income taxes paid [Abstract]", "documentation": "Schedule of interest and
income taxes paid [Abstract]" } } }, "auth_ref": [] }, "nix_SeasonalLimit": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"SeasonalLimit", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Seasonal Limit", "label": "Seasonal Limit", "documentation": "Transfers Accounted For As Secured Borrowings Seasonal Limit" } } }, "auth_ref": [] },
"nix_SecondTCADebtInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SecondTCADebtInterestRate",
"presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Second TCA Debt Interest Rate", "label":
"Second TCA Debt Interest Rate", "documentation": "Second TCA Debt Interest Rate" } } }, "auth_ref": [] }, "nix_SecondTermCreditAgreement": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SecondTermCreditAgreement", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Additional Term Credit", "label": "Second Term Credit
Agreement", "documentation": "Second Term Credit Agreement" } } }, "auth_ref": [] }, "nix_SecuritizationTransactionFees": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "SecuritizationTransactionFees", "crdr": "debit", "calculation": {
"http://www.nisource.com/role/InterestExpenseNetDetails": { "parentTag": "us-gaap_InterestExpenseNonoperating", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/InterestExpenseNetDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Accounts receivable securitization fees", "label": "Securitization Transaction Fees", "documentation": "Securitization transaction fees" } } }, "auth_ref": [] },
"dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": [
"http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": { "terseLabel": "Title of 12(b) Security", "label": "Title of 12(b) Security",
"documentation": "Title of a 12(b) registered security." } } }, "auth_ref": [ "r1304" ] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": {
"role": { "terseLabel": "Security Exchange Name", "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } },
"auth_ref": [ "r1307" ] }, "nix_SecurityInterestAndOtherSubsetOfAsset": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"SecurityInterestAndOtherSubsetOfAsset", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Security interest and other subset of asset", "label": "Security Interest And Other Subset Of Asset", "documentation": "Security Interest And Other Subset Of
Asset" } } }, "auth_ref": [] }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain",
"presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails",
"http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails
"http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ],
"lang": { "en-us": { "role": { "verboseLabel": "Segments [Domain]", "terseLabel": "Segments", "label": "Segments [Domain]", "documentation": "Components of an entity that
engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": [
"r218", "r219", "r220", "r221", "r413", "r418", "r421", "r422", "r423", "r424", "r425", "r426", "r427", "r428", "r429", "r430", "r431", "r432", "r434", "r435", "r436", "r437",
"r438", "r439", "r440", "r441", "r443", "r444", "r445", "r449", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r550", "r570", "r572", "r1041", "r1042",
"r1043", "r1044", "r1045", "r1046", "r1047", "r1048", "r1049", "r1050", "r1051", "r1218", "r1221", "r1222", "r1230", "r1283", "r1685", "r1688", "r1689", "r1690", "r1691",
"r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702", "r1703", "r1704", "r1705", "r1706", "r1707", "r1708", "r1709", "r1710",
"r1711", "r1712", "r1713", "r1715", "r1716" ] }, "us-gaap_SegmentExpenditureAdditionToLongLivedAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "SegmentExpenditureAdditionToLongLivedAssets", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Capital Expenditures", "label": "Segment, Expenditure, Addition to Long-Lived Assets", "documentation": "Amount of expenditure for addition to long-lived
assets included in determination of segment assets by chief operating decision maker (CODM) or otherwise regularly provided to CODM. Excludes expenditure for addition to
financial instrument, long-term customer relationship of financial institution, mortgage and other servicing rights, deferred policy acquisition cost, and deferred tax assets." }
} }, "auth_ref": [ "r413", "r432", "r443", "r1221", "r1222" ] }, "us-gaap_SegmentOperatingActivitiesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "SegmentOperatingActivitiesDomain", "presentation": [ "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Operating Activities [Domain]", "label": "Operating Activities [Domain]", "documentation": "Operations of an entity including
continuing and discontinued operations." } } }, "auth_ref": [] }, "us-gaap_SegmentReportingAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "SegmentReportingAbstract", "lang": { "en-us": { "role": { "terseLabel": "Segment Reporting [Abstract]", "label": "Segment Reporting [Abstract]" } } },
"auth_ref": [] }, "us-gaap_SegmentReportingDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SegmentReportingDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformation" ], "lang": { "en-us": { "role": { "terseLabel":
"Business Segment Information", "label": "Segment Reporting Disclosure [Text Block]", "documentation": "The entire disclosure for reporting segments including data and
tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and
intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit
or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined
reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": [ "r221",
"r413", "r417", "r418", "r419", "r420", "r421", "r433", "r435", "r436", "r441", "r442", "r443", "r444", "r445", "r446", "r447", "r449", "r1217", "r1219", "r1220", "r1221",
"r1223", "r1224", "r1225" ] }, "us-gaap_SegmentReportingInformationLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SegmentReportingInformationLineItems", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Segment Reporting Information [Line Items]", "label": "Segment Reporting Information [Line Items]", "documentation": "Line items represent financial
concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } },
"auth_ref": [] }, "us-gaap_SegmentReportingOtherItemAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"SegmentReportingOtherItemAmount", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails" ], "lang": { "en-us": { "role": {
"verboseLabel": "Other segment items", "label": "Segment Reporting, Other Segment Item, Amount", "documentation": "Amount of other expense (income) and loss (gain)
calculated as difference between segment revenue and separately disclosed expense category to arrive at segment profit (loss)." } } }, "auth_ref": [ "r413", "r435", "r436",
"r443", "r1221" ] }, "nix_SeniorNoteRedeemedAugustSeptember2020Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"SeniorNoteRedeemedAugustSeptember2020Member", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Senior Note Redeemed August & September 2020 [Member]", "label": "Senior Note Redeemed August & September 2020 [Member]", "documentation": "Senior
Note Redeemed August & September 2020" } } }, "auth_ref": [] }, "us-gaap_SeniorNotes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "SeniorNotes", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails",
"http://www.nisource.com/role/LongTermDebtScheduleofConsolidatedLongTermDebtDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ],
"lang": { "en-us": { "role": { "terseLabel": "Senior Notes", "label": "Senior Notes", "documentation": "Including the current and noncurrent portions, carrying value as of the
balance sheet date of Notes with the highest claim on the assets of the issuer in case of bankruptcy or liquidation (with maturities initially due after one year or beyond the
operating cycle if longer). Senior note holders are paid off in full before any payments are made to junior note holders." } } }, "auth_ref": [ "r194", "r1684" ] }, "us-
gaap_SeniorNotesMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeniorNotesMember", "presentation": [
"http://www.nisource.com/role/LongTermDebtNarrativeDetails", "http://www.nisource.com/role/RiskManagementActivitiesNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Senior Notes", "label": "Senior Notes [Member]", "documentation": "Bond that takes priority over other debt securities sold by the issuer. In the event the issuer
goes bankrupt, senior debt holders receive priority for (must receive) repayment prior to (relative to) junior and unsecured (general) creditors." } } }, "auth_ref": [] },
"nix_SeriesACorporateUnitsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SeriesACorporateUnitsMember",
"presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Series A Corporate Units", "label": "Series A Corporate Units [Member]", "documentation": "Series A Corporate Units" } } }, "auth_ref": [] }, "us-
gaap_SeriesAPreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeriesAPreferredStockMember", "presentation":
[ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails",
"http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Series A Preferred Stock", "label":
"Series A Preferred Stock [Member]", "documentation": "Series A preferred stock." } } }, "auth_ref": [ "r1449", "r1450", "r1538" ] }, "nix_SeriesB1PreferredStockMember": {
"xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SeriesB1PreferredStockMember", "presentation": [
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Series B-1 Preferred Stock", "label": "Series B-1 Preferred Stock
[Member]", "documentation": "Series B-1 Preferred Stock [Member]" } } }, "auth_ref": [] }, "us-gaap_SeriesBPreferredStockMember": { "xbrltype": "domainItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeriesBPreferredStockMember", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
```

```
"http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Series B Preferred Stock", "label": "Series B Preferred Stock [Member]", "documentation": "Series B preferred stock." } } }, "auth_ref": [ "r1449", "r1450", "r1538" ] }, "us-gaap_SeriesCPreferredStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SeriesCPreferredStockMember", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails",
"http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical" ], "lang": { "en-us": { "role": { "terseLabel": "Series C Preferred Stock", "label": "Series C Preferred Stock [Member]", "documentation": "Series C preferred stock." } } }, "auth_ref": [ "r1449", "r1450", "r1538" ] }, "nix_ServiceAreaByCounty": { "xbrltype": "integerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ServiceAreaByCounty", "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationNarrativeDetails",
"http://www.nisource.com/role/RevenueRecognitionNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Service Area By County", "verboseLabel": "Number of counties in which electric service provided by Electric Operations", "label": "Service Area By County", "documentation": "Service Area By County" } } }, "auth_ref": [] }, "nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments Due", "label": "Service Obligations, IT Service Obligations, Future Minimum Payments Due",
"documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments Due" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months", "label": "Service Obligations, IT Service Obligations, Future Minimum
Payments Due, Next Twelve Months", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments Due, Next Twelve Months" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter", "label": "Service Obligations, IT Service Obligations, Future Minimum Payments,
Due Thereafter", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years", "label": "Service Obligations, IT Service Obligations, Future Minimum Payments,
Due in Five Years", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinFourYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years", "label": "Service Obligations, IT Service Obligations, Future Minimum Payments,
Due in Four Years", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Four Years" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years", "label": "Service Obligations, IT Service Obligations, Future Minimum
Payments, Due in Three Years", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Three Years" } } }, "auth_ref": [] },
"nix_ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinTwoYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsITServiceObligationsFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years", "label": "Service Obligations, IT Service Obligations, Future Minimum Payments,
Due in Two Years", "documentation": "Service Obligations, IT Service Obligations, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] },
"nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDue", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDue", "weight": 1.0, "order": 7.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due", "label": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments
Due", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due" } } }, "auth_ref": [] },
"nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueNextTwelveMonths", "crdr": "credit",
"calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueNextTwelveMonths", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months", "label": "Service Obligations, Pipeline Service Obligations, Future
Minimum Payments Due, Next Twelve Months", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments Due, Next Twelve Months" } }
}, "auth_ref": [] }, "nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueThereafter", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueThereafter", "weight": 1.0, "order": 6.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter", "label": "Service Obligations, Pipeline Service Obligations, Future Minimum
Payments, Due Thereafter", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due Thereafter" } } }, "auth_ref": [] },
"nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231",
"localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinFiveYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFiveYears", "weight": 1.0, "order": 3.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years", "label": "Service Obligations, Pipeline Service Obligations, Future Minimum
Payments, Due in Five Years", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Five Years" } } }, "auth_ref": [] },
"nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinFourYears": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinFourYears", "weight": 1.0, "order": 1.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years", "label": "Service Obligations, Pipeline Service Obligations, Future
Minimum Payments, Due in Four Years", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Four Years" } } }, "auth_ref":
[] }, "nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinThreeYears": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinThreeYears", "weight": 1.0, "order": 4.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years", "label": "Service Obligations, Pipeline Service Obligations, Future
Minimum Payments, Due in Three Years", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Three Years" } } },
"auth_ref": [] }, "nix_ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinTwoYears": { "xbrltype": "monetaryItemType", "nsuri":
"http://www.nisource.com/20241231", "localname": "ServiceObligationsPipelineServiceObligationsFutureMinimumPaymentsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag":
"nix_TotalFutureContractualObligationsDueinTwoYears", "weight": 1.0, "order": 5.0 } }, "presentation": [
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "terseLabel":
"Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years", "label": "Service Obligations, Pipeline Service Obligations, Future Minimum
Payments, Due in Two Years", "documentation": "Service Obligations, Pipeline Service Obligations, Future Minimum Payments, Due in Two Years" } } }, "auth_ref": [] }, "us-
gaap_ShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensation", "crdr": "debit",
"calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0,
"order": 6.0 } }, "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows" ], "lang": { "en-us": { "role": { "verboseLabel": "Stock compensation
expense and 401(k) profit sharing contribution", "label": "Share-Based Payment Arrangement, Noncash Expense", "documentation": "Amount of noncash expense for share-
based payment arrangement." } } }, "auth_ref": [ "r12" ] }, "us-gaap_ShareBasedCompensationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "ShareBasedCompensationAbstract", "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Noncash Expense [Abstract]",
```

"label": "Share-Based Payment Arrangement, Noncash Expense [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "terseLabel": "Shares vesting period, (years)", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period", "documentation": "Period over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition." } } }, "auth_ref": ["r1258"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Forfeited, Other Than Options", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeited in Period", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period." } } }, "auth_ref": ["r761"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "terseLabel": "Forfeited, Weighted Average Grant Date Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Forfeitures, Weighted Average Grant Date Fair Value", "documentation": "Weighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event." } } }, "auth_ref": ["r761"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Shares granted", "terseLabel": "Granted, Other Than Options", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period", "documentation": "The number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan)." } } }, "auth_ref": ["r759"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "terseLabel": "Granted, Weighted Average Grant Date Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period, Weighted Average Grant Date Fair Value", "documentation": "The weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan)." } } }, "auth_ref": ["r759"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Shares nonvested", "periodStartLabel": "Nonvested, Other Than Options", "periodEndLabel": "Nonvested, Other Than Options", "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Nonvested, Number", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Number", "documentation": "The number of non-vested equity-based payment instruments, excluding stock (or unit) options, that validly exist and are outstanding as of the balance sheet date." } } }, "auth_ref": ["r756", "r757"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "periodStartLabel": "Nonvested, Weighted Average Grant Date Fair Value", "periodEndLabel": "Nonvested, Weighted Average Grant Date Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Nonvested, Weighted Average Grant Date Fair Value", "documentation": "Per share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options." } } }, "auth_ref": ["r756", "r757"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Vested, Other Than Options", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period." } } }, "auth_ref": ["r760"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodTotalFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodTotalFairValue", "crdr": "debit", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Fair value of shares granted", "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Fair Value", "documentation": "Fair value of share-based awards for which the grantee gained the right by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash." } } }, "auth_ref": ["r763"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vested, Weighted Average Grant Date Fair Value", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Vested in Period, Weighted Average Grant Date Fair Value", "documentation": "The weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement." } } }, "auth_ref": ["r760"] }, "nix_ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantDateFairValue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardGrantDateFairValue", "crdr": "debit", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value", "label": "Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value", "documentation": "Share-based Compensation Arrangement by Share-based Payment Award, Grant Date Fair Value" } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardLineItems", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails", "http://www.nisource.com/role/ShareBasedCompensationTables"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award [Line Items]", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r741", "r742", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNonOptionEquityInstrumentsOutstandingNumber": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNonOptionEquityInstrumentsOutstandingNumber", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award, Non-Option Equity Instruments, Outstanding, Number", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Non-Option Equity Instruments, Outstanding, Number", "documentation": "Number of equity instruments other than options outstanding, including both vested and non-vested instruments." } } }, "auth_ref": ["r175", "r176"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock reserved for future awards, shares", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Authorized", "documentation": "Number of shares authorized for issuance under share-based payment arrangement." } } }, "auth_ref": ["r1259"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Common stock available for awards, shares", "label": "Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant", "documentation": "The difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of

shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable." } } }, "auth_ref": ["r77"] }, "us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfContingentAwardsDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleOfTransactionsOfRestrictedStockUnitDetails", "http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails", "http://www.nisource.com/role/ShareBasedCompensationTables", "http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "verboseLabel": "Award Type [Domain]", "terseLabel": "Award Type [Domain]", "label": "Award Type [Domain]", "documentation": "Award under share-based payment arrangement." } } }, "auth_ref": ["r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770"] }, "us-gaap_ShareBasedCompensationAwardTrancheOneMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationAwardTrancheOneMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Tranche One", "label": "Share-Based Payment Arrangement, Tranche One [Member]", "documentation": "First portion of award under share-based payment arrangement differentiated by vesting feature, including, but not limited to, performance measure or service period." } } }, "auth_ref": [] }, "us-gaap_ShareBasedCompensationAwardTrancheTwoMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationAwardTrancheTwoMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Tranche Two", "label": "Share-Based Payment Arrangement, Tranche Two [Member]", "documentation": "Second portion of award under share-based payment arrangement differentiated by vesting feature, including, but not limited to, performance measure or service period." } } }, "auth_ref": [] }, "us-gaap_ShareBasedPaymentArrangementNonemployeeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedPaymentArrangementNonemployeeMember", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Share-based Payment Arrangement, Nonemployee", "label": "Share-Based Payment Arrangement, Nonemployee [Member]", "documentation": "Recipient, of award granted under share-based payment arrangement, over whom grantor does not exercise nor has right to exercise sufficient control to establish employer-employee relationship based on law of pertinent jurisdiction. Excludes nonemployee director treated as employee when acting as member of board of directors, if elected by grantor's shareholders or appointed to board position to be filled by shareholder election when existing term expires." } } }, "auth_ref": ["r741", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759", "r760", "r761", "r762", "r763", "r764", "r765", "r766", "r767", "r768", "r769", "r770"] }, "us-gaap_SharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SharesIssued", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "periodStartLabel": "Beginning Balance", "periodEndLabel": "Ending Balance", "label": "Shares, Issued", "documentation": "Number of shares of stock issued as of the balance sheet date, including shares that had been issued and were previously outstanding but which are now held in the treasury." } } }, "auth_ref": ["r19"] }, "us-gaap_SharesIssuedPricePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SharesIssuedPricePerShare", "presentation": ["http://www.nisource.com/role/EarningsPerShareNarrativeDetails", "http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Shares Issued, Price Per Share", "label": "Shares Issued, Price Per Share", "documentation": "Per share or per unit amount of equity securities issued." } } }, "auth_ref": [] }, "nix_SharesToBeIssuedUnderStockPurchaseContracts": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SharesToBeIssuedUnderStockPurchaseContracts", "presentation": ["http://www.nisource.com/role/EquityNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Shares To Be Issued Under Stock Purchase Contracts", "label": "Shares To Be Issued Under Stock Purchase Contracts", "documentation": "Shares To Be Issued Under Stock Purchase Contracts" } } }, "auth_ref": [] }, "nix_ShawnAndersonMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ShawnAndersonMember", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Shawn Anderson [Member]", "documentation": "Shawn Anderson" } } }, "auth_ref": [] }, "us-gaap_ShortTermBorrowings": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermBorrowings", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets"], "lang": { "en-us": { "role": { "verboseLabel": "Short-term borrowings", "label": "Short-Term Debt", "documentation": "Reflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer." } } }, "auth_ref": ["r116", "r191", "r1277", "r1683"] }, "us-gaap_ShortTermBorrowingsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermBorrowingsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt [Abstract]", "label": "Short-Term Debt [Abstract]" } } }, "auth_ref": [] }, "us-gaap_ShortTermDebtLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtLineItems", "presentation": ["http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt [Line Items]", "label": "Short-Term Debt [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": [] }, "us-gaap_ShortTermDebtTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtTextBlock", "presentation": ["http://www.nisource.com/role/ShortTermBorrowings"], "lang": { "en-us": { "role": { "verboseLabel": "Short-Term Borrowings", "label": "Short-Term Debt [Text Block]", "documentation": "The entire disclosure for short-term debt." } } }, "auth_ref": ["r159"] }, "us-gaap_ShortTermDebtTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtTypeAxis", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt, Type [Axis]", "label": "Short-Term Debt, Type [Axis]", "documentation": "Information by type of short-term debt arrangement." } } }, "auth_ref": ["r118", "r1517", "r1518", "r1519"] }, "us-gaap_ShortTermDebtTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtTypeDomain", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt, Type [Domain]", "label": "Short-Term Debt, Type [Domain]", "documentation": "Type of short-term debt arrangement, such as notes, line of credit, commercial paper, asset-based financing, project financing, letter of credit financing." } } }, "auth_ref": ["r116", "r1517", "r1518", "r1519"] }, "us-gaap_ShortTermDebtWeightedAverageInterestRate": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermDebtWeightedAverageInterestRate", "presentation": ["http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Debt, Weighted Average Interest Rate, at Point in Time", "label": "Short-Term Debt, Weighted Average Interest Rate, at Point in Time", "documentation": "Weighted average interest rate of short-term debt outstanding calculated at point in time." } } }, "auth_ref": ["r117", "r587"] }, "us-gaap_ShortTermInvestmentsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortTermInvestmentsMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPortfolioAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofPlanAssetMixPriorYearDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-Term Investments", "label": "Short-Term Investments [Member]", "documentation": "Investments which are not otherwise included in another category or item that the entity has the intent to sell or dispose of within one year from the date of the balance sheet." } } }, "auth_ref": ["r1188", "r1189", "r1190", "r1206"] }, "nix_ShortTermMoneyMarketsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ShortTermMoneyMarketsMember", "presentation": ["http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-Term Money Markets", "label": "Short Term Money Markets [Member]", "documentation": "Short Term Money Markets [Member]" } } }, "auth_ref": [] }, "nix_ShorttermLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "ShorttermLeaseLiability", "crdr": "credit", "presentation": ["http://www.nisource.com/role/LeasesLeaseMaturityDetails"], "lang": { "en-us": { "role": { "terseLabel": "Short-term Lease Liability", "label": "Short-term Lease Liability", "documentation": "Short-term Lease Liability" } } }, "auth_ref": [] }, "us-gaap_SignificantAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SignificantAccountingPoliciesTextBlock", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPolicies"], "lang": { "en-us": { "role": { "terseLabel": "Nature of Operations and Summary of Significant Accounting Policies", "label": "Significant Accounting Policies [Text Block]", "documentation": "The entire disclosure for all significant accounting policies of the reporting entity." } } }, "auth_ref": ["r154", "r345"] }, "us-gaap_StandbyLettersOfCreditMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StandbyLettersOfCreditMember", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Standby Letters of Credit", "label": "Standby Letters of Credit [Member]", "documentation": "An irrevocable undertaking (typically by a financial institution) to guarantee payment of a specified financial obligation." } } }, "auth_ref": ["r0", "r1528", "r1717", "r1718"] }, "us-gaap_StateAndLocalJurisdictionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StateAndLocalJurisdictionMember", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "State and Local Jurisdiction", "label": "State and Local Jurisdiction [Member]", "documentation": "Designated state or local jurisdiction entitled to levy and collect income tax." } } }, "auth_ref": ["r786"] }, "nix_StateLossesNetOfFederalBenefitMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "StateLossesNetOfFederalBenefitMember", "presentation": ["http://www.nisource.com/role/IncomeTaxesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "State losses, net of federal benefit", "label": "State losses, net of federal benefit [Member]", "documentation": "State losses, net of federal benefit" } } }, "auth_ref": [] }, "us-gaap_StatementBusinessSegmentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementBusinessSegmentsAxis", "presentation": ["http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails", "http://www.nisource.com/role/GoodwillandOtherIntangibleAssetsDetails", "http://www.nisource.com/role/PropertyPlantAndEquipmentPropertyPlantandEquipmentScheduleofDepreciationProvisionsForUtilityPlantasaPercentageoftheOriginalCostDetails", "http://www.nisource.com/role/RevenueRecognitionAllowanceforCreditLossesDetails", "http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Segments [Axis]", "label": "Segments [Axis]", "documentation": "Information by business segments." } } }, "auth_ref": ["r218", "r219", "r220", "r221", "r290", "r413", "r418", "r421", "r422", "r423", "r424", "r425", "r426", "r427", "r428", "r429", "r430", "r431", "r432", "r434", "r435", "r436", "r437", "r438", "r439", "r440", "r441", "r443", "r444", "r445", "r449", "r528", "r529", "r530", "r531", "r532", "r533", "r534", "r535", "r536", "r550", "r555", "r570", "r572", "r1041", "r1042", "r1043", "r1044", "r1045", "r1046", "r1047", "r1048", "r1049", "r1050", "r1051", "r1218", "r1221", "r1222", "r1230", "r1283", "r1685", "r1688", "r1689", "r1690", "r1691", "r1692", "r1693", "r1694", "r1695", "r1696", "r1697", "r1698", "r1699", "r1700", "r1701", "r1702", "r1703", "r1704", "r1705", "r1706", "r1707", "r1708", "r1709", "r1710", "r1711", "r1712", "r1713", "r1715", "r1716"] }, "us-gaap_StatementClassOfStockAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementClassOfStockAxis", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/EquityScheduleofStockbyClassPreferredDetails", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Class of Stock [Axis]", "label": "Class of Stock [Axis]", "documentation": "Information by the different classes of stock of the entity." } } }, "auth_ref": ["r247", "r302", "r303", "r304", "r348", "r386", "r391", "r405", "r407", "r415", "r416", "r492", "r588", "r591", "r592", "r593", "r597", "r598", "r619", "r620", "r623", "r626", "r633", "r902", "r1080", "r1081", "r1082", "r1083", "r1088", "r1089", "r1090", "r1092", "r1093", "r1094", "r1095", "r1096", "r1097", "r1098", "r1099", "r1100", "r1120", "r1142", "r1159", "r1191", "r1192", "r1193", "r1194", "r1195", "r1418", "r1462", "r1477"] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": ["http://www.nisource.com/role/AccumulatedOtherComprehensiveLossComponentsOfAccumulatedOtherComprehensiveLossDetails", "http://www.nisource.com/role/DocumentAndEntityInformation", "http://www.nisource.com/role/EarningsPerShareNarrativeDetails", "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "Equity Components [Axis]", "label": "Equity

Components [Axis]", "documentation": "Information by component of equity." } } }, "auth_ref": ["r19", "r132", "r135", "r136", "r286", "r327", "r328", "r329", "r360", "r361", "r362", "r367", "r375", "r377", "r379", "r414", "r497", "r505", "r553", "r635", "r812", "r813", "r826", "r827", "r828", "r832", "r840", "r841", "r857", "r859", "r860", "r861", "r862", "r865", "r877", "r903", "r905", "r906", "r907", "r908", "r909", "r915", "r918", "r943", "r1035", "r1063", "r1064", "r1065", "r1088", "r1159"] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails", "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Statement [Line Items]", "label": "Statement [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r360", "r361", "r362", "r414", "r918", "r988", "r1075", "r1100", "r1113", "r1114", "r1115", "r1116", "r1117", "r1118", "r1120", "r1123", "r1124", "r1125", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1134", "r1135", "r1136", "r1137", "r1138", "r1140", "r1143", "r1144", "r1145", "r1146", "r1147", "r1148", "r1149", "r1150", "r1151", "r1152", "r1153", "r1154", "r1155", "r1156", "r1159", "r1291"] }, "us-gaap_StatementOfCashFlowsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfCashFlowsAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Cash Flows [Abstract]", "label": "Statement of Cash Flows [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfFinancialPositionAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfFinancialPositionAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Financial Position [Abstract]", "label": "Statement of Financial Position [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfIncomeAndComprehensiveIncomeAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfIncomeAndComprehensiveIncomeAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Comprehensive Income [Abstract]", "label": "Statement of Comprehensive Income [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOfStockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOfStockholdersEquityAbstract", "lang": { "en-us": { "role": { "terseLabel": "Statement of Stockholders' Equity [Abstract]", "label": "Statement of Stockholders' Equity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StatementOperatingActivitiesSegmentAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementOperatingActivitiesSegmentAxis", "presentation": ["http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Operating Activities [Axis]", "label": "Operating Activities [Axis]", "documentation": "Information by continuing and discontinuing operations." } } }, "auth_ref": [] }, "srt_StatementScenarioAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "StatementScenarioAxis", "presentation": ["http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical"], "lang": { "en-us": { "role": { "verboseLabel": "Scenario [Axis]", "terseLabel": "Scenario [Axis]", "label": "Scenario [Axis]", "documentation": "Information by scenario reported, distinguishing information from actual fact. Includes, but is not limited to, pro forma and forecast. Excludes actual facts." } } }, "auth_ref": ["r281", "r380", "r738", "r1420", "r1421", "r1475"] }, "us-gaap_StatementTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementTable", "presentation": ["http://www.nisource.com/role/AssetRetirementObligationsChangesInCompanysLiabilityForAssetRetirementObligationsDetails", "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/ConsolidatedBalanceSheetsParenthetical", "http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfChangesInPlanAssetsAndProjectedBenefitObligationsRecognizedInOtherComprehensiveIncor "http://www.nisource.com/role/StatementsOfConsolidatedCashFlows", "http://www.nisource.com/role/StatementsOfConsolidatedCashFlowsScheduleofBalanceSheetReconciliation", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares", "http://www.nisource.com/role/StatementsofConsolidatedComprehensiveIncomeLossParenthetical", "http://www.nisource.com/role/StatementsofConsolidatedStockholdersEquityParenthetical"], "lang": { "en-us": { "role": { "terseLabel": "Statement [Table]", "label": "Statement [Table]", "documentation": "Disclosure of information about statement of comprehensive income, income, other comprehensive income, financial position, cash flows, and shareholders' equity." } } }, "auth_ref": ["r360", "r361", "r362", "r414", "r452", "r918", "r988", "r1075", "r1100", "r1113", "r1114", "r1115", "r1116", "r1117", "r1118", "r1120", "r1123", "r1124", "r1125", "r1126", "r1127", "r1128", "r1129", "r1130", "r1131", "r1134", "r1135", "r1136", "r1137", "r1138", "r1140", "r1143", "r1144", "r1145", "r1146", "r1147", "r1148", "r1149", "r1150", "r1151", "r1152", "r1153", "r1154", "r1155", "r1156", "r1159", "r1291"] }, "ecd_StkPrcOrTsrEstimationMethodTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "StkPrcOrTsrEstimationMethodTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/ErrCompDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Stock Price or TSR Estimation Method", "label": "Stock Price or TSR Estimation Method [Text Block]" } } }, "auth_ref": ["r1326", "r1337", "r1347", "r1380"] }, "us-gaap_StockAppreciationRightsSARSMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockAppreciationRightsSARSMember", "presentation": ["http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Stock Appreciation Rights (SARs)", "label": "Stock Appreciation Rights (SARs) [Member]", "documentation": "Right to receive cash or shares equal to appreciation of predetermined number of grantor's shares during predetermined time period." } } }, "auth_ref": [] }, "nix_StockIssuedDuringPeriodSharesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "StockIssuedDuringPeriodSharesAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "Issued:", "label": "Stock Issued During Period Shares [Abstract]", "documentation": "Stock issued during period shares." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodSharesEmployeeBenefitPlan": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesEmployeeBenefitPlan", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "401(k) and profit sharing plan", "label": "Stock Issued During Period, Shares, Employee Benefit Plan", "documentation": "Number of shares issued during the period to an employee benefit plan, such as a defined contribution or defined benefit plan." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesEmployeeStockPurchasePlans", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "Employee stock purchase plan", "label": "Stock Issued During Period, Shares, Employee Stock Purchase Plans", "documentation": "Number of shares issued during the period as a result of an employee stock purchase plan." } } }, "auth_ref": ["r19", "r131", "r132", "r168"] }, "us-gaap_StockIssuedDuringPeriodSharesNewIssues": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesNewIssues", "presentation": ["http://www.nisource.com/role/EquityScheduleofEquityUnitsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Stock Issued During Period, Shares, New Issues", "label": "Stock Issued During Period, Shares, New Issues", "documentation": "Number of new stock issued during the period." } } }, "auth_ref": ["r19", "r131", "r132", "r168", "r1080", "r1159", "r1192"] }, "us-gaap_StockIssuedDuringPeriodSharesOther": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesOther", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "ATM Program", "label": "Stock Issued During Period, Shares, Other", "documentation": "Number of shares of stock issued attributable to transactions classified as other." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodSharesShareBasedCompensation": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodSharesShareBasedCompensation", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "Long-term incentive plan", "label": "Shares Issued, Shares, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Number, after forfeiture, of shares or units issued under share-based payment arrangement. Excludes shares or units issued under employee stock ownership plan (ESOP)." } } }, "auth_ref": ["r19", "r131", "r132", "r168"] }, "nix_StockIssuedDuringPeriodValueAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "StockIssuedDuringPeriodValueAbstract", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Stock issuances:", "label": "Stock Issued During Period Value [Abstract]", "documentation": "Stock issued during period value." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodValueEmployeeBenefitPlan": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueEmployeeBenefitPlan", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "401(k) and profit sharing", "label": "Stock Issued During Period, Value, Employee Benefit Plan", "documentation": "Value of shares issued during the period to an employee benefit plan, such as a defined contribution or defined benefit plan." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodValueEmployeeStockPurchasePlan": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueEmployeeStockPurchasePlan", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Employee stock purchase plan", "label": "Stock Issued During Period, Value, Employee Stock Purchase Plan", "documentation": "Aggregate change in value for stock issued during the period as a result of employee stock purchase plan." } } }, "auth_ref": ["r19", "r131", "r132", "r168"] }, "us-gaap_StockIssuedDuringPeriodValueNewIssues": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueNewIssues", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Common stock", "label": "Stock Issued During Period, Value, New Issues", "documentation": "Equity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering." } } }, "auth_ref": ["r19", "r131", "r132", "r168", "r1088", "r1159", "r1192", "r1302"] }, "us-gaap_StockIssuedDuringPeriodValueOther": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueOther", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "ATM Program", "label": "Stock Issued During Period, Value, Other", "documentation": "Value of shares of stock issued attributable to transactions classified as other." } } }, "auth_ref": [] }, "us-gaap_StockIssuedDuringPeriodValueShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockIssuedDuringPeriodValueShareBasedCompensation", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Long-term incentive plan", "label": "Shares Issued, Value, Share-Based Payment Arrangement, after Forfeiture", "documentation": "Value, after forfeiture, of shares issued under share-based payment arrangement. Excludes employee stock ownership plan (ESOP)." } } }, "auth_ref": ["r78", "r131", "r132", "r168"] }, "nix_StockIssuedDuringThePeriodEquityUnitsValue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "StockIssuedDuringThePeriodEquityUnitsValue", "crdr": "credit", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity"], "lang": { "en-us": { "role": { "terseLabel": "Equity Units", "label": "Stock Issued During the Period, Equity Units Value", "documentation": "Stock Issued During the Period, Equity Units Value" } } }, "auth_ref": [] }, "nix_StockIssuedRedeemedDuringThePeriodSharesEquityUnits": { "xbrltype": "sharesItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "StockIssuedRedeemedDuringThePeriodSharesEquityUnits", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "terseLabel": "Stock Issued/Redeemed During the Period, Shares, Equity Units", "negatedTerseLabel": "Equity Units", "label": "Stock Issued/Redeemed During the Period, Shares, Equity Units", "documentation": "Stock Issued/Redeemed During the Period, Shares, Equity Units" } } }, "auth_ref": [] }, "us-gaap_StockRedeemedOrCalledDuringPeriodShares": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockRedeemedOrCalledDuringPeriodShares", "presentation": ["http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares"], "lang": { "en-us": { "role": { "negatedTerseLabel": "Preferred Stock Shares Redeemed", "terseLabel": "Preferred Stock Shares Redeemed", "label": "Stock Redeemed or Called During Period, Shares", "documentation": "Number of stock bought back by the entity at the exercise price or redemption price." } } }, "auth_ref": ["r19"] }, "us-gaap_StockholdersEquity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquity", "crdr": "credit", "calculation": {

```
"http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "totalLabel": "Total NiSource Stockholders' Equity", "label": "Equity, Attributable to Parent", "documentation": "Amount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest." } } }, "auth_ref": [ "r132", "r135", "r136", "r155", "r1122", "r1139", "r1160", "r1161", "r1277", "r1303", "r1464", "r1506", "r1663", "r1722" ] }, "us-gaap_StockholdersEquityAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityAbstract", "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Stockholders' Equity", "label": "Equity, Attributable to Parent [Abstract]" } } }, "auth_ref": [] }, "us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_CapitalizationLongtermDebtAndEquity", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us": { "role": { "totalLabel": "Total Stockholders\u2019 Equity", "periodStartLabel": "Beginning Balance", "periodEndLabel": "Ending Balance", "label": "Equity, Including Portion Attributable to Noncontrolling Interest", "documentation": "Amount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity." } } }, "auth_ref": [ "r81", "r82", "r89", "r286", "r287", "r328", "r360", "r361", "r362", "r367", "r375", "r377", "r497", "r505", "r553", "r635", "r812", "r813", "r826", "r827", "r828", "r832", "r840", "r841", "r857", "r859", "r860", "r861", "r862", "r865", "r877", "r903", "r905", "r909", "r916", "r943", "r1064", "r1065", "r1086", "r1122", "r1139", "r1160", "r1161", "r1196", "r1302", "r1464", "r1506", "r1663", "r1722" ] }, "us-gaap_StockholdersEquityNoteDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StockholdersEquityNoteDisclosureTextBlock", "presentation": [ "http://www.nisource.com/role/Equity" ], "lang": { "en-us": { "role": { "terseLabel": "Equity", "label": "Equity [Text Block]", "documentation": "The entire disclosure for equity." } } }, "auth_ref": [ "r164", "r347", "r618", "r620", "r622", "r623", "r624", "r625", "r626", "r627", "r628", "r629", "r630", "r632", "r635", "r867", "r1162", "r1163", "r1197" ] }, "us-gaap_SubsequentEventMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventMember", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails", "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event", "label": "Subsequent Event [Member]", "documentation": "Identifies event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": [ "r910", "r951" ] }, "us-gaap_SubsequentEventTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTypeAxis", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails", "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event Type", "label": "Subsequent Event Type [Axis]", "documentation": "Information by event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": [ "r910", "r951" ] }, "us-gaap_SubsequentEventTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SubsequentEventTypeDomain", "presentation": [ "http://www.nisource.com/role/EquityNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails", "http://www.nisource.com/role/ShareBasedCompensationNarrativeDetails", "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Subsequent Event Type [Domain]", "label": "Subsequent Event Type [Domain]", "documentation": "Event that occurred after the balance sheet date but before financial statements are issued or available to be issued." } } }, "auth_ref": [ "r910", "r951" ] }, "us-gaap_SummaryOfTaxCreditCarryforwardsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SummaryOfTaxCreditCarryforwardsTextBlock", "presentation": [ "http://www.nisource.com/role/IncomeTaxesTables" ], "lang": { "en-us": { "role": { "terseLabel": "Summary of Tax Credit Carryforwards", "label": "Summary of Tax Credit Carryforwards [Table Text Block]", "documentation": "Tabular disclosure of tax credit carryforwards available to reduce future taxable income, including amounts, expiration dates, limitations on use and the related deferred tax assets and valuation allowances." } } }, "auth_ref": [ "r1638" ] }, "us-gaap_SupplementalCashFlowInformationAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SupplementalCashFlowInformationAbstract", "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cash Flow Information [Abstract]", "label": "Supplemental Cash Flow Information [Abstract]" } } }, "auth_ref": [] }, "nix_SupplementalCashFlowLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SupplementalCashFlowLineItems", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cash Flow [Line Items]", "label": "Supplemental Cash Flow [Line Items]", "documentation": "Supplemental Cash Flow [Line Items]" } } }, "auth_ref": [] }, "nix_SupplementalCashflowAxis": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SupplementalCashflowAxis", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cashflow [Axis]", "label": "Supplemental Cashflow [Axis]", "documentation": "Supplemental Cashflow [Axis]" } } }, "auth_ref": [] }, "nix_SupplementalCashflowTable": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SupplementalCashflowTable", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cashflow [Table]", "label": "supplemental cashflow [Table]", "documentation": "supplemental cashflow [Table]" } } }, "auth_ref": [] }, "nix_SupplementalcashflowDomain": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "SupplementalcashflowDomain", "presentation": [ "http://www.nisource.com/role/SupplementalCashFlowInformationDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Supplemental Cashflow", "label": "SupplementalCashflow [Domain]", "documentation": "[Domain] for SupplementalCashflow [Axis]" } } }, "auth_ref": [] }, "ecd_TabularListTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TabularListTableTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Tabular List, Table", "label": "Tabular List [Table Text Block]" } } }, "auth_ref": [ "r1373" ] }, "us-gaap_TaxCreditCarryforwardAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxCreditCarryforwardAxis", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax Credit Carryforward [Axis]", "label": "Tax Credit Carryforward [Axis]", "documentation": "Information by specific tax credit related to an unused tax credit." } } }, "auth_ref": [ "r809" ] }, "us-gaap_TaxCreditCarryforwardExpirationDate": { "xbrltype": "dateItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxCreditCarryforwardExpirationDate", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax Credit Carryforward, Expiration Date", "label": "Tax Credit Carryforward, Expiration Date", "documentation": "Expiration date of the tax credit carryforward, in YYYY-MM-DD format." } } }, "auth_ref": [ "r809" ] }, "us-gaap_TaxCreditCarryforwardNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxCreditCarryforwardNameDomain", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails", "http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax Credit Carryforward, Name [Domain]", "label": "Tax Credit Carryforward, Name [Domain]", "documentation": "The name of the tax credit carryforward." } } }, "auth_ref": [ "r809" ] }, "nix_TaxEquityPartnersCashContribution": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TaxEquityPartnersCashContribution", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Tax Equity Partners Cash Contribution", "label": "Tax Equity Partners Cash Contribution", "documentation": "Tax Equity Partners Cash Contribution" } } }, "auth_ref": [] }, "us-gaap_TaxesExcludingIncomeAndExciseTaxes": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxesExcludingIncomeAndExciseTaxes", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingCostsAndExpenses", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Other taxes", "terseLabel": "Total other taxes", "label": "Taxes, Miscellaneous", "documentation": "All taxes not related to income of the entity or excise or sales taxes levied on the revenue of the entity that are not reported elsewhere. These taxes could include production, real estate, personal property, and pump tax." } } }, "auth_ref": [ "r1456" ] }, "us-gaap_TaxesPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TaxesPayableCurrent", "crdr": "credit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": { "role": { "verboseLabel": "Taxes accrued", "label": "Taxes Payable, Current", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable for statutory income, sales, use, payroll, excise, real, property and other taxes. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r118", "r119" ] }, "us-gaap_TerminationLoans": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TerminationLoans", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Termination Loans", "label": "Termination Loans", "documentation": "Definite liabilities to third parties under a termination loan agreement, whether or not guaranteed in whole or in part by the government." } } }, "auth_ref": [ "r987" ] }, "srt_TitleOfIndividualAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "TitleOfIndividualAxis", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Title and Position [Axis]", "label": "Title and Position [Axis]", "documentation": "Information by title and position of individual or group within organization." } } }, "auth_ref": [ "r1487", "r1670" ] }, "srt_TitleOfIndividualWithRelationshipToEntityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "TitleOfIndividualWithRelationshipToEntityDomain", "presentation": [ "http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Title and Position [Domain]", "label": "Title and Position [Domain]", "documentation": "Title and position of individual or group within organization." } } }, "auth_ref": [] }, "nix_TotalCashContributions": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalCashContributions", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofCashContributionsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total Cash Contributions", "label": "Total Cash Contributions", "documentation": "Total Cash Contributions" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDue", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations Due", "label": "Total Future Contractual Obligations Due", "documentation": "Total Future Contractual Obligations Due" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueNextTwelveMonths", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations Due, Next Twelve Months", "label": "Total Future Contractual Obligations Due, Next Twelve Months", "documentation": "Total Future Contractual Obligations Due, Next Twelve Months" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueThereafter": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueThereafter", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations, Due Thereafter", "label": "Total Future Contractual Obligations, Due Thereafter", "documentation": "Total Future Contractual Obligations, Due Thereafter" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueinFiveYears", "crdr": "credit", "calculation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang": { "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations, Due in Five Years", "label": "Total Future Contractual Obligations, Due in Five Years", "documentation": "Total Future Contractual Obligations, Due in Five Years" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueinFourYears": { "xbrltype":
```

```
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueinFourYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order":
null, "root": true } }, "presentation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang":
{ "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations, Due in Four Years", "label": "Total Future Contractual Obligations, Due in Four Years",
"documentation": "Total Future Contractual Obligations, Due in Four Years" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueinThreeYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueinThreeYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order":
null, "root": true } }, "presentation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang":
{ "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations, Due in Three Years", "label": "Total Future Contractual Obligations, Due in Three Years",
"documentation": "Total Future Contractual Obligations, Due in Three Years" } } }, "auth_ref": [] }, "nix_TotalFutureContractualObligationsDueinTwoYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureContractualObligationsDueinTwoYears", "crdr": "credit", "calculation": {
"http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails": { "parentTag": null, "weight": null, "order":
null, "root": true } }, "presentation": { "http://www.nisource.com/role/OtherCommitmentsandContingenciesContractualObligationFiscalYearMaturityScheduleDetails" ], "lang":
{ "en-us": { "role": { "totalLabel": "Total Future Contractual Obligations, Due in Two Years", "label": "Total Future Contractual Obligations, Due in Two Years",
"documentation": "Total Future Contractual Obligations, Due in Two Years" } } }, "auth_ref": [] }, "nix_TotalFutureMinimumLeasePaymentsDue": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureMinimumLeasePaymentsDue", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total Future Minimum Lease Payments Due", "label": "Total Future
Minimum Lease Payments Due", "documentation": "Total Future Minimum Lease Payments Due" } } }, "auth_ref": [] },
"nix_TotalFutureMinimumLeasePaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"TotalFutureMinimumLeasePaymentsDueNextTwelveMonths", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-
us": { "role": { "terseLabel": "Total Future Minimum Lease Payments Due, Next Twelve Months", "label": "Total Future Minimum Lease Payments Due, Next Twelve Months",
"documentation": "Total Future Minimum Lease Payments Due, Next Twelve Months" } } }, "auth_ref": [] }, "nix_TotalFutureMinimumLeasePaymentsDueThereafter": {
"xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureMinimumLeasePaymentsDueThereafter", "crdr": "credit",
"presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total Future Minimum Lease Payments, Due
Thereafter", "label": "Total Future Minimum Lease Payments, Due Thereafter", "documentation": "Total Future Minimum Lease Payments, Due Thereafter" } } }, "auth_ref": [] },
"nix_TotalFutureMinimumLeasePaymentsDueinFiveYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"TotalFutureMinimumLeasePaymentsDueinFiveYears", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Total Future Minimum Lease Payments, Due in Five Years", "label": "Total Future Minimum Lease Payments, Due in Five Years", "documentation":
"Total Future Minimum Lease Payments, Due in Five Years" } } }, "auth_ref": [] }, "nix_TotalFutureMinimumLeasePaymentsDueinFourYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureMinimumLeasePaymentsDueinFourYears", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total Future Minimum Lease Payments, Due in Four Years", "label":
"Total Future Minimum Lease Payments, Due in Four Years", "documentation": "Total Future Minimum Lease Payments, Due in Four Years" } } }, "auth_ref": [] },
"nix_TotalFutureMinimumLeasePaymentsDueinThreeYears": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"TotalFutureMinimumLeasePaymentsDueinThreeYears", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Total Future Minimum Lease Payments, Due in Three Years", "label": "Total Future Minimum Lease Payments, Due in Three Years", "documentation":
"Total Future Minimum Lease Payments, Due in Three Years" } } }, "auth_ref": [] }, "nix_TotalFutureMinimumLeasePaymentsDueinTwoYears": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalFutureMinimumLeasePaymentsDueinTwoYears", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total Future Minimum Lease Payments, Due in Two Years", "label":
"Total Future Minimum Lease Payments, Due in Two Years", "documentation": "Total Future Minimum Lease Payments, Due in Two Years" } } }, "auth_ref": [] },
"nix_TotalLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "TotalLeaseLiability", "crdr": "credit", "presentation":
[ "http://www.nisource.com/role/LeasesLeaseMaturityDetails", "http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Total Lease Liability", "label": "Total Lease Liability", "documentation": "Total Lease Liability" } } }, "auth_ref": [] }, "ecd_TotalShareholderRtnAmt": {
"xbrltype": "monetaryItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TotalShareholderRtnAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure"
], "lang": { "en-us": { "role": { "terseLabel": "Total Shareholder Return Amount", "label": "Total Shareholder Return Amount" } } }, "auth_ref": [ "r1365" ] },
"ecd_TotalShareholderRtnVsPeerGroupTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"TotalShareholderRtnVsPeerGroupTextBlock", "presentation": [ "http://xbrl.sec.gov/ecd/role/PvpDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Total Shareholder
Return Vs Peer Group", "label": "Total Shareholder Return Vs Peer Group [Text Block]" } } }, "auth_ref": [ "r1372" ] }, "nix_Totalleasedassets": { "xbrltype":
"monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Totalleasedassets", "crdr": "debit", "presentation": [
"http://www.nisource.com/role/LeasesRightofUseAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Total leased assets", "label": "Total leased assets",
"documentation": "Total leased assets" } } }, "auth_ref": [] }, "ecd_TradingArrAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"TradingArrAxis", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Trading Arrangement:", "label":
"Trading Arrangement [Axis]" } } }, "auth_ref": [ "r1393" ] }, "ecd_TradingArrByIndTable": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"TradingArrByIndTable", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Trading Arrangements, by
Individual", "label": "Trading Arrangements, by Individual [Table]" } } }, "auth_ref": [ "r1395" ] }, "dei_TradingSymbol": { "xbrltype": "tradingSymbolItemType", "nsuri":
"http://xbrl.sec.gov/dei/2024", "localname": "TradingSymbol", "presentation": [ "http://www.nisource.com/role/DocumentAndEntityInformation" ], "lang": { "en-us": { "role": {
"terseLabel": "Trading Symbol", "label": "Trading Symbol", "documentation": "Trading symbol of an instrument as listed on an exchange." } } }, "auth_ref": [] }, "us-
gaap_TransfersAccountedForAsSecuredBorrowingsAssociatedLiabilitiesCarryingAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024",
"localname": "TransfersAccountedForAsSecuredBorrowingsAssociatedLiabilitiesCarryingAmount", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Transfers Accounted for as Secured Borrowings,
Associated Liabilities, Carrying Amount", "label": "Transfers Accounted for as Secured Borrowings, Associated Liabilities, Carrying Amount", "documentation": "Carrying
amount of liabilities associated with financial assets accounted for as secured borrowings recognized in the transferor's statement of financial position at the end of each
period presented." } } }, "auth_ref": [ "r967" ] }, "us-gaap_TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TransfersAndServicingOfFinancialInstrumentsTypesOfFinancialInstrumentsDomain", "presentation":
[ "http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "http://www.nisource.com/role/FairValueNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails",
"http://www.nisource.com/role/ShortTermBorrowingsNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Major Types of Trading Securities and Assets [Domain]",
"verboseLabel": "Financial Instruments [Domain]", "label": "Financial Instruments [Domain]", "documentation": "Instrument or contract that imposes a contractual obligation
to deliver cash or another financial instrument or to exchange other financial instruments on potentially unfavorable terms and conveys a contractual right to receive cash or
another financial instrument or to exchange other financial instruments on potentially favorable terms." } } }, "auth_ref": [ "r461", "r462", "r463", "r464", "r465", "r466",
"r467", "r468", "r469", "r470", "r471", "r472", "r473", "r474", "r475", "r476", "r477", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488",
"r489", "r490", "r615", "r631", "r866", "r898", "r952", "r953", "r954", "r955", "r956", "r957", "r958", "r959", "r960", "r961", "r962", "r963", "r964", "r965", "r969", "r971",
"r972", "r973", "r974", "r975", "r976", "r977", "r978", "r979", "r980", "r981", "r982", "r983", "r984", "r985", "r1036", "r1265", "r1267", "r1268", "r1269", "r1270", "r1271",
"r1272", "r1273", "r1274", "r1278", "r1431", "r1432", "r1433", "r1434", "r1435", "r1436", "r1437", "r1502", "r1503", "r1504", "r1505", "r1647", "r1650", "r1651", "r1652",
"r1659", "r1662" ] }, "nix_TransfersbetweenFairValueHierarchies": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname":
"TransfersbetweenFairValueHierarchies", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/FairValueNarrativeDetails" ], "lang": { "en-us": { "role": {
"terseLabel": "Transfers between Fair Value Hierarchies", "label": "Transfers between Fair Value Hierarchies", "documentation": "Transfers between Fair Value Hierarchies" }
} }, "auth_ref": [] }, "ecd_TrdArrAdoptionDate": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrAdoptionDate", "presentation": [
"http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Adoption Date", "label": "Trading Arrangement Adoption Date" } } },
"auth_ref": [ "r1396" ] }, "ecd_TrdArrDuration": { "xbrltype": "durationItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrDuration", "presentation": [
"http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Arrangement Duration", "label": "Trading Arrangement Duration" } }
}, "auth_ref": [ "r1397" ] }, "ecd_TrdArrExpirationDate": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrExpirationDate",
"presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Expiration Date", "label": "Trading Arrangement
Expiration Date" } } }, "auth_ref": [ "r1397" ] }, "ecd_TrdArrIndName": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrIndName",
"presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Name", "label": "Trading Arrangement, Individual
Name" } } }, "auth_ref": [ "r1395" ] }, "ecd_TrdArrIndTitle": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrIndTitle",
"presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Title", "label": "Trading Arrangement, Individual
Title" } } }, "auth_ref": [ "r1395" ] }, "ecd_TrdArrSecuritiesAggAvailAmt": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname":
"TrdArrSecuritiesAggAvailAmt", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role": { "terseLabel": "Aggregate Available",
"label": "Trading Arrangement, Securities Aggregate Available Amount" } } }, "auth_ref": [ "r1398" ] }, "ecd_TrdArrTerminationDate": { "xbrltype": "stringItemType", "nsuri":
"http://xbrl.sec.gov/ecd/2024", "localname": "TrdArrTerminationDate", "presentation": [ "http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements" ], "lang": { "en-us": { "role":
{ "terseLabel": "Termination Date", "label": "Trading Arrangement Termination Date" } } }, "auth_ref": [ "r1396" ] }, "us-gaap_TreasuryStockCommonMember": { "xbrltype":
"domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockCommonMember", "presentation": [
"http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity", "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquityShares" ], "lang": {
"en-us": { "role": { "terseLabel": "Treasury Stock, Common", "label": "Treasury Stock, Common [Member]", "documentation": "Previously issued common shares repurchased
by the issuing entity and held in treasury." } } }, "auth_ref": [ "r69" ] }, "us-gaap_TreasuryStockSharesAcquired": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-
gaap/2024", "localname": "TreasuryStockSharesAcquired", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us":
{ "role": { "negatedTerseLabel": "Treasury Stock, Shares, Acquired", "label": "Treasury Stock, Shares, Acquired", "documentation": "Number of shares that have been
repurchased during the period and are being held in treasury." } } }, "auth_ref": [ "r19", "r132", "r168" ] }, "us-gaap_TreasuryStockValue": { "xbrltype": "monetaryItemType",
"nsuri": "http://fasb.org/us-gaap/2024", "localname": "TreasuryStockValue", "crdr": "debit", "calculation": { "http://www.nisource.com/role/ConsolidatedBalanceSheets": {
"parentTag": "us-gaap_StockholdersEquity", "weight": -1.0, "order": 3.0 } }, "presentation": [ "http://www.nisource.com/role/ConsolidatedBalanceSheets" ], "lang": { "en-us": {
"role": { "negatedLabel": "Treasury stock", "label": "Treasury Stock, Value", "documentation": "The amount allocated to treasury stock. Treasury stock is common and
preferred shares of an entity that were issued, repurchased by the entity, and are held in its treasury." } } }, "auth_ref": [ "r69", "r70", "r132", "r135" ] }, "us-
gaap_TreasuryStockValueAcquiredCostMethod": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname":
"TreasuryStockValueAcquiredCostMethod", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/StatementsOfConsolidatedStockholdersEquity" ], "lang": { "en-us":
{ "role": { "terseLabel": "Treasury Stock, Value, Acquired, Cost Method", "label": "Treasury Stock, Value, Acquired, Cost Method", "documentation": "Equity impact of the cost
of common and preferred stock that were repurchased during the period. Recorded using the cost method." } } }, "auth_ref": [ "r19", "r69", "r168" ] }, "us-
gaap_TypeOfAdoptionMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "TypeOfAdoptionMember", "presentation": [
"http://www.nisource.com/role/RecentAccountingPronouncementsDetails", "http://www.nisource.com/role/RecentlyAdoptedPronouncementsDetails" ], "lang": { "en-us": {
"role": { "terseLabel": "Type of Adoption [Domain]", "label": "Accounting Standards Update [Domain]", "documentation": "Amendment to accounting standards." } } },
"auth_ref": [ "r284", "r285", "r286", "r287", "r288", "r289", "r366", "r367", "r368", "r370", "r380", "r450", "r451", "r494", "r495", "r496", "r497", "r500", "r501", "r502", "r503",
"r504", "r505", "r552", "r553", "r557", "r812", "r813", "r814", "r815", "r816", "r823", "r824", "r825", "r826", "r827", "r828", "r830", "r831", "r832", "r834", "r835", "r836",
```

```
"r837", "r838", "r839", "r840", "r841", "r854", "r855", "r856", "r857", "r858", "r859", "r860", "r861", "r862", "r864", "r865", "r868", "r869", "r870", "r871", "r872", "r873", "r874", "r876", "r877", "r878", "r879", "r899", "r900", "r914", "r915", "r916", "r937", "r939", "r940", "r941", "r942", "r943", "r989", "r990", "r991", "r1061", "r1062", "r1063", "r1064", "r1065", "r1066", "r1067", "r1068", "r1069", "r1070", "r1071", "r1072" ] }, "us-gaap_USTreasuryAndGovernmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "USTreasuryAndGovernmentMember", "presentation": [
"http://www.nisource.com/role/FairValueAvailableForSaleSecuritiesDetails", "http://www.nisource.com/role/FairValueNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "verboseLabel": "U.S. Treasury debt securities", "terseLabel": "Government", "label": "US Treasury and Government [Member]", "documentation": "This category includes investments in debt securities issued by the United States Department of the Treasury, US Government Agencies and US Government-sponsored Enterprises. Such securities may include treasury bills (short-term maturities - one year or less), treasury notes (intermediate term maturities - two to ten years), and treasury bonds (long-term maturities - ten to thirty years). debt securities issued by the Government National Mortgage Association (Ginnie Mae) and debt securities issued by the Federal National Mortgage Association (Fannie Mae) or the Federal Home Loan Mortgage Corporation (Freddie Mac)." } } }, "auth_ref": [ "r1013", "r1247", "r1278", "r1286", "r1714" ] }, "us-gaap_UnderfundedPlanMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnderfundedPlanMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofBenefitObligationsinExcessofFairValueDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Underfunded Plan [Member]", "label": "Defined Benefit Plan, Underfunded Plan [Member]", "documentation": "Defined benefit plan in which retirement benefits are payable directly from plan assets segregated and restricted to provide such benefits and for which benefit obligation exceeds plan assets available to provide retirement benefits." } } }, "auth_ref": [ "r1425", "r1541", "r1542", "r1543", "r1544", "r1545", "r1546", "r1547", "r1548", "r1549", "r1550", "r1551", "r1552", "r1553", "r1554", "r1555", "r1556", "r1557", "r1558", "r1559", "r1560", "r1561", "r1562", "r1563", "r1564", "r1565", "r1566", "r1567", "r1568", "r1569", "r1570", "r1571", "r1572", "r1573", "r1574", "r1575", "r1576", "r1577", "r1578", "r1579", "r1580", "r1581", "r1582", "r1583", "r1584", "r1585", "r1586", "r1587", "r1588", "r1589", "r1590", "r1591", "r1592", "r1593", "r1594", "r1595", "r1596", "r1597", "r1598", "r1599", "r1600" ] }, "nix_UnderrecoveredGasAndFuelCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnderrecoveredGasAndFuelCostsMember", "presentation": [
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Underrecovered Gas And Fuel Costs", "label": "Underrecovered Gas And Fuel Costs [Member]", "documentation": "Underrecovered Gas And Fuel Costs [Member]" } } }, "auth_ref": [] }, "nix_UndiscountedExcessAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UndiscountedExcessAmount", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/LeasesLeaseMaturityDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Undiscounted Excess Amount", "label": "Undiscounted Excess Amount", "documentation": "Undiscounted Excess Amount - Total Leases" } } }, "auth_ref": [] }, "nix_UndividedBeneficialOwnershipInterestPercent": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UndividedBeneficialOwnershipInterestPercent", "presentation": [
"http://www.nisource.com/role/EquityNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Undivided Beneficial Ownership Interest, Percent", "label": "Undivided Beneficial Ownership Interest, Percent", "documentation": "Undivided Beneficial Ownership Interest, Percent" } } }, "auth_ref": [] }, "ecd_UndrlygSecurityMktPriceChngPct": { "xbrltype": "pureItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "UndrlygSecurityMktPriceChngPct", "presentation": [
"http://xbrl.sec.gov/ecd/role/AwardTimingDisclosure" ], "lang": { "en-us": { "role": { "terseLabel": "Underlying Security Market Price Change", "label": "Underlying Security Market Price Change, Percent" } } }, "auth_ref": [ "r1392" ] }, "nix_UnitedStatesEquitiesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnitedStatesEquitiesMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfPensionPlanAndPostretirementPlanAssetMixDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleofNetAssetValuePerShareDetails" ], "lang": { "en-us": { "role": { "terseLabel": "United States Equities", "label": "United States Equities [Member]", "documentation": "United States Equities [Member]" } } }, "auth_ref": [] }, "nix_UnitedStatesMultiStrategyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnitedStatesMultiStrategyMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfFairValueOfPensionPlanAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "U.S. Multi-Strategy [Member]", "label": "United States Multi Strategy [Member]", "documentation": "United States Multi Strategy [Member]" } } }, "auth_ref": [] },
"nix_Units14And15Member": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "Units14And15Member", "presentation": [
"http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Units 14 and 15", "label": "Units 14 and 15 [Member]", "documentation": "Units 14 and 15" } } }, "auth_ref": [] }, "nix_UnitsNotRetiredMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnitsNotRetiredMember", "presentation": [ "http://www.nisource.com/role/PropertyPlantandEquipmentNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Units Not Retired", "label": "Units Not Retired [Member]", "documentation": "Units Not Retired" } } }, "auth_ref": [] },
"nix_UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember", "presentation": [
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsNarrativeDetails",
"http://www.nisource.com/role/PensionandOtherPostretirementBenefitsScheduleOfReconciliationOfThePlansFundedStatusAndAmountsReflectedDetails",
"http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Unrecognized Pension Benefit And Other Postretirement Benefit Costs", "label": "Unrecognized Pension Benefit And Other Postretirement Benefit Costs [Member]", "documentation": "Unrecognized Pension Benefit And Other Postretirement Benefit Costs [Member]" } } }, "auth_ref": [] }, "us-gaap_UnrecognizedTaxBenefits": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecognizedTaxBenefits", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails" ], "lang": { "en-us": { "role": { "periodStartLabel": "Unrecognized Tax Benefits - Opening Balance", "periodEndLabel": "Unrecognized Tax Benefits - Ending Balance", "label": "Unrecognized Tax Benefits", "documentation": "Amount of unrecognized tax benefits." } } }, "auth_ref": [ "r779", "r797", "r1260" ] }, "us-gaap_UnrecognizedTaxBenefitsDecreasesResultingFromPriorPeriodTaxPositions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecognizedTaxBenefitsDecreasesResultingFromPriorPeriodTaxPositions", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails" ], "lang": { "en-us": { "role": { "negatedTerseLabel": "Gross decreases - tax positions in prior period", "label": "Unrecognized Tax Benefits, Decrease Resulting from Prior Period Tax Positions", "documentation": "Amount of decrease in unrecognized tax benefits resulting from tax positions taken in prior period tax returns." } } }, "auth_ref": [ "r798", "r1260" ] }, "us-gaap_UnrecognizedTaxBenefitsIncomeTaxPenaltiesAccrued": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecognizedTaxBenefitsIncomeTaxPenaltiesAccrued", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Unrecognized Tax Benefits, Income Tax Penalties Accrued", "label": "Unrecognized Tax Benefits, Income Tax Penalties Accrued", "documentation": "Amount of statutory penalties accrued for a tax position claimed or expected to be claimed by the entity, in its tax return." } } }, "auth_ref": [ "r1636" ] }, "us-gaap_UnrecognizedTaxBenefitsIncomeTaxPenaltiesExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecognizedTaxBenefitsIncomeTaxPenaltiesExpense", "crdr": "debit", "presentation": [ "http://www.nisource.com/role/IncomeTaxesNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Unrecognized Tax Benefits, Income Tax Penalties Expense", "label": "Unrecognized Tax Benefits, Income Tax Penalties Expense", "documentation": "Amount of expense for penalties related to a tax position claimed or expected to be claimed in the tax return." } } }, "auth_ref": [ "r1636" ] }, "us-gaap_UnrecognizedTaxBenefitsIncreasesResultingFromCurrentPeriodTaxPositions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnrecognizedTaxBenefitsIncreasesResultingFromCurrentPeriodTaxPositions", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Gross increases - current period tax positions", "label": "Unrecognized Tax Benefits, Increase Resulting from Current Period Tax Positions", "documentation": "Amount of increase in unrecognized tax benefits resulting from tax positions that have been or will be taken in current period tax return." } } }, "auth_ref": [ "r799", "r1260" ] },
"nix_UnrecognizedTaxBenefitsNetofRefundsandNetOperatingLossCarryforwards": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UnrecognizedTaxBenefitsNetofRefundsandNetOperatingLossCarryforwards", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleofUnrecognizedTaxBenefitsRollForwardDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Balance - Less Net Operating Loss Carryforwards", "label": "Unrecognized Tax Benefits Net of Refunds and Net Operating Loss Carryforwards", "documentation": "Unrecognized Tax Benefits Net of Refunds and Net Operating Loss Carryforwards" } } }, "auth_ref": [] }, "us-gaap_UnsecuredDebtMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UnsecuredDebtMember", "presentation": [ "http://www.nisource.com/role/LongTermDebtNarrativeDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Unsecured Debt", "label": "Unsecured Debt [Member]", "documentation": "Debt obligation not collateralized by pledge of, mortgage of or other lien on the entity's assets." } } }, "auth_ref": [] }, "us-gaap_UseOfEstimates": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UseOfEstimates", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "Use Of Estimates", "label": "Use of Estimates, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy for the use of estimates in the preparation of financial statements in conformity with generally accepted accounting principles." } } }, "auth_ref": [ "r43", "r44", "r45", "r231", "r232", "r234", "r235" ] }, "us-gaap_UtilitiesOperatingExpenseMaintenanceAndOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "UtilitiesOperatingExpenseMaintenanceAndOperations", "crdr": "debit", "calculation": { "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss": { "parentTag": "us-gaap_OperatingCostsAndExpenses", "weight": 1.0, "order": 2.0 } }, "presentation": [
"http://www.nisource.com/role/BusinessSegmentInformationScheduleOfOperatingIncomeDerivedFromRevenuesAndExpensesBySegmentDetails",
"http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss" ], "lang": { "en-us": { "role": { "verboseLabel": "Operation and maintenance", "terseLabel": "O&M", "label": "Utilities Operating Expense, Maintenance and Operations", "documentation": "Amount of operating expense for routine plant maintenance, repairs and operations of regulated operation." } } }, "auth_ref": [ "r141" ] }, "nix_UtilizationExpenseOfOperatingLossCarryforwardsMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "UtilizationExpenseOfOperatingLossCarryforwardsMember", "presentation": [
"http://www.nisource.com/role/IncomeTaxesScheduleOfComponentsOfIncomeTaxExpenseDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Utilization expense of operating loss carryforwards", "label": "Utilization expense of operating loss carryforwards [Member]", "documentation": "Utilization expense of operating loss carryforwards" } } }, "auth_ref": [] }, "nix_VIEAssetsAndLiabilitiesLineItems": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "VIEAssetsAndLiabilitiesLineItems", "presentation": [ "http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails" ], "lang": { "en-us": { "role": { "terseLabel": "VIE Assets and Liabilities [Abstract]", "label": "VIE Assets and Liabilities [Line Items]", "documentation": "VIE Assets and Liabilities" } } }, "auth_ref": [] }, "nix_VIEsAndAllocationOfEarningsPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "VIEsAndAllocationOfEarningsPolicyTextBlock", "presentation": [ "http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesPolicy" ], "lang": { "en-us": { "role": { "terseLabel": "VIEs and Allocation of Earnings", "label": "VIEs and Allocation of Earnings [Policy Text Block]", "documentation": "VIEs and Allocation of Earnings" } } }, "auth_ref": [] }, "us-gaap_ValuationAllowancesAndReservesBalance": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesBalance", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "periodStartLabel": "Beginning Balance", "periodEndLabel": "Ending Balance", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves, Amount", "documentation": "Amount of valuation and qualifying accounts and reserves." } } }, "auth_ref": [ "r354", "r358" ] }, "us-gaap_ValuationAllowancesAndReservesChargedToCostAndExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesChargedToCostAndExpense", "crdr": "credit", "presentation": [ "http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "terseLabel": "Valuation Allowances and Reserves, Charged to Cost and Expense", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Cost and Expense", "documentation": "Amount of increase in valuation and qualifying accounts and reserves from charge to cost and expense." } } }, "auth_ref": [ "r355" ] }, "us-gaap_ValuationAllowancesAndReservesChargedToOtherAccounts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesChargedToOtherAccounts", "crdr": "credit", "presentation": [
"http://www.nisource.com/role/ValuationandQualifyingAccountsDetails" ], "lang": { "en-us": { "role": { "negatedLabel": "Valuation Allowances and Reserves, Charged to Other Accounts", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves, Additions, Charge to Other Account", "documentation": "Amount of increase in valuation and
```

qualifying accounts and reserves from charge to accounts other than cost and expense." } } }, "auth_ref": ["r356"] }, "us-gaap_ValuationAllowancesAndReservesDeductions": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesDeductions", "crdr": "debit", "presentation": ["http://www.nisource.com/role/ValuationandQualifyingAccountsDetails"], "lang": { "en-us": { "role": { "verboseLabel": "Deductions for Purposes for which Reserves were Created", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves, Deduction", "documentation": "Amount of decrease in valuation and qualifying accounts and reserves." } } }, "auth_ref": ["r357"] }, "us-gaap_ValuationAllowancesAndReservesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesDomain", "presentation": ["http://www.nisource.com/role/ValuationandQualifyingAccountsDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain]", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves [Domain]", "documentation": "Valuation and qualifying accounts and reserves." } } }, "auth_ref": ["r354", "r355", "r356", "r357", "r358"] }, "us-gaap_ValuationAllowancesAndReservesTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ValuationAllowancesAndReservesTypeAxis", "presentation": ["http://www.nisource.com/role/ValuationandQualifyingAccountsDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis]", "label": "SEC Schedule, 12-09, Valuation Allowances and Reserves Type [Axis]", "documentation": "Information by valuation and qualifying accounts and reserves." } } }, "auth_ref": ["r354", "r355", "r356", "r357", "r358"] }, "srt_ValuationAndQualifyingAccountsAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ValuationAndQualifyingAccountsAbstract", "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract]", "label": "SEC Schedule, 12-09, Valuation and Qualifying Accounts [Abstract]" } } }, "auth_ref": [] }, "srt_ValuationAndQualifyingAccountsDisclosureLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ValuationAndQualifyingAccountsDisclosureLineItems", "presentation": ["http://www.nisource.com/role/ValuationandQualifyingAccountsDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items]", "label": "SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r253", "r254", "r255", "r256", "r257", "r354", "r355", "r356", "r357", "r358"] }, "srt_ValuationAndQualifyingAccountsDisclosureTable": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ValuationAndQualifyingAccountsDisclosureTable", "presentation": ["http://www.nisource.com/role/ValuationandQualifyingAccountsDetails"], "lang": { "en-us": { "role": { "terseLabel": "SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table]", "label": "SEC Schedule, 12-09, Valuation and Qualifying Accounts Disclosure [Table]", "documentation": "Disclosure of information about valuation allowance and qualifying account and reserve." } } }, "auth_ref": ["r253", "r254", "r255", "r256", "r257", "r354", "r355", "r356", "r357", "r358"] }, "nix_VariableInterestEntitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "VariableInterestEntitiesAbstract", "lang": { "en-us": { "role": { "label": "Variable Interest Entities [Abstract]", "documentation": "Variable Interest Entity [Abstract]" } } }, "auth_ref": [] }, "us-gaap_VariableInterestEntityDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityDisclosureTextBlock", "presentation": ["http://www.nisource.com/role/VariableInterestEntities"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entities", "label": "Variable Interest Entity Disclosure [Text Block]", "documentation": "The entire disclosure for a variable interest entity (VIE), including but not limited to, judgments and assumptions in determining whether to consolidate and in identifying the primary beneficiary, gain (loss) recognized on the initial consolidation of the VIE, terms of arrangements, amounts and classification of the VIE's assets and liabilities, and the entity's maximum exposure to loss." } } }, "auth_ref": ["r170"] }, "us-gaap_VariableInterestEntityLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityLineItems", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entity [Line Items]", "label": "Variable Interest Entity [Line Items]", "documentation": "Line items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table." } } }, "auth_ref": ["r843", "r844", "r848", "r849", "r966", "r967", "r968"] }, "us-gaap_VariableInterestEntityPrimaryBeneficiaryMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VariableInterestEntityPrimaryBeneficiaryMember", "presentation": ["http://www.nisource.com/role/VariableInterestEntitiesScheduleofVIEAssetsandLiabilitiesDetails"], "lang": { "en-us": { "role": { "terseLabel": "Variable Interest Entity, Primary Beneficiary", "label": "Variable Interest Entity, Primary Beneficiary [Member]", "documentation": "Variable Interest Entities (VIE) in which the entity has a controlling financial interest (as defined) and of which it is therefore the primary beneficiary. A controlling financial interest is determined based on both: (a) the entity's power to direct activities of the VIE that most significantly impact the VIE's economic performance and (b) the entity's obligation to absorb losses of the VIE that could potentially be significant to the VIE or the right to receive benefits from the VIE that could potentially be significant to the VIE. VIEs of which the entity is the primary beneficiary are included in the consolidated financial statements of the entity." } } }, "auth_ref": ["r84", "r843", "r844", "r848", "r849"] }, "us-gaap_VestingAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VestingAxis", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vesting [Axis]", "label": "Vesting [Axis]", "documentation": "Information by vesting schedule of award under share-based payment arrangement." } } }, "auth_ref": ["r1605", "r1606", "r1607", "r1608", "r1609", "r1610", "r1611", "r1612", "r1613", "r1614", "r1615", "r1616", "r1617", "r1618", "r1619", "r1620", "r1621", "r1622", "r1623", "r1624", "r1625", "r1626", "r1627", "r1628", "r1629", "r1630"] }, "us-gaap_VestingDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "VestingDomain", "presentation": ["http://www.nisource.com/role/ShareBasedCompensationScheduleofPerformanceAwardDetailsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Vesting [Domain]", "label": "Vesting [Domain]", "documentation": "Vesting schedule of award under share-based payment arrangement." } } }, "auth_ref": ["r1605", "r1606", "r1607", "r1608", "r1609", "r1610", "r1611", "r1612", "r1613", "r1614", "r1615", "r1616", "r1617", "r1618", "r1619", "r1620", "r1621", "r1622", "r1623", "r1624", "r1625", "r1626", "r1627", "r1628", "r1629", "r1630"] }, "ecd_VstngDtFrValOfEqtyAwrdsGrntdAndVstdInCvrdYrMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "VstngDtFrValOfEqtyAwrdsGrntdAndVstdInCvrdYrMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year", "label": "Vesting Date Fair Value of Equity Awards Granted and Vested in Covered Year [Member]" } } }, "auth_ref": ["r1361"] }, "us-gaap_WeightedAverageCostInventoryAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageCostInventoryAmount", "crdr": "debit", "presentation": ["http://www.nisource.com/role/NatureofOperationsAndSummaryofSignificantAccountingPoliciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Inventory valued using the weighted average cost methodology", "label": "Weighted Average Cost Inventory Amount", "documentation": "The amount of weighted average cost inventory present at the reporting date when inventory is valued using different valuation methods." } } }, "auth_ref": ["r1210"] }, "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfDilutedSharesOutstanding", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "terseLabel": "Diluted Average Common Shares", "totalLabel": "Average Common Shares - Diluted", "label": "Weighted Average Number of Shares Outstanding, Diluted", "documentation": "The average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period." } } }, "auth_ref": ["r385", "r407"] }, "us-gaap_WeightedAverageNumberOfSharesOutstandingBasic": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "WeightedAverageNumberOfSharesOutstandingBasic", "calculation": { "http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails": { "parentTag": "us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.nisource.com/role/EarningsPerShareScheduleofEarningsPerShareBasicandDilutedDetails", "http://www.nisource.com/role/StatementsOfConsolidatedIncomeLoss"], "lang": { "en-us": { "role": { "verboseLabel": "Average common shares outstanding - Basic", "label": "Weighted Average Number of Shares Outstanding, Basic", "documentation": "Number of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period." } } }, "auth_ref": ["r383", "r407"] }, "nix_WholesaleMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "WholesaleMember", "presentation": ["http://www.nisource.com/role/RevenueRecognitionDisaggregationofRevenueDetails"], "lang": { "en-us": { "role": { "terseLabel": "Wholesale", "label": "Wholesale [Member]", "documentation": "Wholesale" } } }, "auth_ref": [] }, "nix_WindPowerPurchaseAgreementCapacity": { "xbrltype": "powerItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "WindPowerPurchaseAgreementCapacity", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Wind power purchase agreement capacity", "label": "Wind Power Purchase Agreement Capacity", "documentation": "Wind power purchase agreement capacity" } } }, "auth_ref": [] }, "nix_WindPowerPurchaseAgreementPurchasePercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "WindPowerPurchaseAgreementPurchasePercentage", "presentation": ["http://www.nisource.com/role/OtherCommitmentsAndContingenciesNarrativeDetails", "http://www.nisource.com/role/VariableInterestEntitiesNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Wind Power Purchase Agreement, Purchase Percentage", "label": "Wind Power Purchase Agreement, Purchase Percentage", "documentation": "Wind Power Purchase Agreement, Purchase Percentage" } } }, "auth_ref": [] }, "nix_WorkAndAssetManagementEnterpriseResourcingSystemMember": { "xbrltype": "domainItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "WorkAndAssetManagementEnterpriseResourcingSystemMember", "presentation": ["http://www.nisource.com/role/RegulatoryMattersRegulatoryAssetsDetails"], "lang": { "en-us": { "role": { "terseLabel": "Work and Asset Management enterprise resourcing system", "label": "Work and Asset Management enterprise resourcing system [Member]", "documentation": "Work and Asset Management enterprise resourcing system" } } }, "auth_ref": [] }, "nix_WorkingCapitalAdjustment": { "xbrltype": "monetaryItemType", "nsuri": "http://www.nisource.com/20241231", "localname": "WorkingCapitalAdjustment", "crdr": "debit", "presentation": ["http://www.nisource.com/role/LongTermDebtNarrativeDetails"], "lang": { "en-us": { "role": { "terseLabel": "Working Capital Adjustment", "label": "Working Capital Adjustment", "documentation": "Working Capital Adjustment" } } }, "auth_ref": [] }, "ecd_YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "YrEndFrValOfEqtyAwrdsGrntdInCvrdYrOutsdngAndUnvstdMember", "presentation": ["http://xbrl.sec.gov/ecd/role/PvpDisclosure"], "lang": { "en-us": { "role": { "terseLabel": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested", "label": "Year-end Fair Value of Equity Awards Granted in Covered Year that are Outstanding and Unvested [Member]" } } }, "auth_ref": ["r1359"] } } }, "std_ref": { "r0": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "15", "Paragraph": "12", "Subparagraph": "(f)(2)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481410/810-10-15-12" }, "r1": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "5", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482251/360-10-25-5" }, "r2": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "SubTopic": "230", "Topic": "830", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477401/830-230-45-1" }, "r3": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r4": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(d)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r5": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(j)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r6": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(k)", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r7": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-12" }, "r8": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r9": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-15" }, "r10": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "SubTopic": "405", "Topic": "942", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477787/942-405-45-2" }, "r11": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "21B", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-21B" }, "r12": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r13": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-

28" }, "r14": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "SubTopic": "10", "Topic": "360", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r15": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "SubTopic": "20", "Topic": "715", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r16": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "SubTopic": "30", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480870/815-30-50-1" }, "r17": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(2)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r18": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(3)", "SubTopic": "10", "Topic": "810", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r19": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "10", "Topic": "505", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r20": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-2" }, "r21": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(1)", "SubTopic": "10", "Topic": "480", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481648/480-10-50-2" }, "r22": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "SubTopic": "10", "Topic": "280", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-4" }, "r23": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "SubTopic": "40", "Topic": "815", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, "r24": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "15", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482739/220-10-55-15" }, "r25": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22))", "SubTopic": "10", "Topic": "210", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r26": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(27))", "SubTopic": "10", "Topic": "210", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r27": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "220", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14" }, "r28": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "220", "SubTopic": "10", "Section": "45", "Paragraph": "14A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14A" }, "r29": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r30": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "12", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r31": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r32": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r33": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r34": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r35": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r36": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-4" }, "r37": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-1" }, "r38": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2" }, "r39": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-3" }, "r40": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-4" }, "r41": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "230", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-5" }, "r42": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "250", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r43": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-4" }, "r44": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-8" }, "r45": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "275", "SubTopic": "10", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-9" }, "r46": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r47": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "25", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r48": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "280", "SubTopic": "10", "Section": "50", "Paragraph": "30", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r49": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "320", "Publisher": "FASB", "URI": "https://asc.fasb.org/320/tableOfContent" }, "r50": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "330", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483080/330-10-50-1" }, "r51": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482130/360-10-45-4" }, "r52": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r53": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "360", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r54": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-5" }, "r55": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "50", "Section": "40", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481303/470-50-40-2" }, "r56": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "470", "SubTopic": "50", "Section": "40", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481303/470-50-40-4" }, "r57": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "480", "SubTopic": "10", "Section": "S99", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-1" }, "r58": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "480", "SubTopic": "10", "Subparagraph": "(12)(c)", "Section": "S99", "Paragraph": "3A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-3A" }, "r59": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "480", "SubTopic": "10", "Subparagraph": "(16)(c)", "Paragraph": "3A", "Section": "S99", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-3A" }, "r60": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481142/505-10-45-2" }, "r61": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-10" }, "r62": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-11" }, "r63": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-3" }, "r64": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-4" }, "r65": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-5" }, "r66": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-5" }, "r67": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-8" }, "r68": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "10", "Section": "S99", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r69": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "30", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481549/505-30-45-1" }, "r70": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "505", "SubTopic": "30", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481520/505-30-50-4" }, "r71": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-2" }, "r72": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r73": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r74": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r75": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-4" }, "r76": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "715", "SubTopic": "20", "Section": "55", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-17" }, "r77": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r78": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "718", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r79": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-2" }, "r80": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "805", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479328/805-10-50-3" }, "r81": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-15" }, "r82": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "45", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-16" }, "r83": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1" }, "r84": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, "r85": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-

4" }, "r86": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "5A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-5A" }, "r87": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-6" }, "r88": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-9" }, "r89": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4I", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4I" }, "r90": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4J", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4J" }, "r91": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "810", "SubTopic": "10", "Section": "55", "Paragraph": "4K", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4K" }, "r92": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1" }, "r93": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, "r94": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "1B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1B" }, "r95": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4" }, "r96": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r97": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r98": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r99": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r100": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r101": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "4D", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, "r102": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-5" }, "r103": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-8" }, "r104": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "10", "Section": "55", "Paragraph": "182", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480401/815-10-55-182" }, "r105": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "25", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480238/815-25-50-1" }, "r106": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "30", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480870/815-30-50-1" }, "r107": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "40", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-4" }, "r108": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "40", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, "r109": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "815", "SubTopic": "40", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, "r110": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "942", "SubTopic": "470", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477734/942-470-50-3" }, "r111": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "340", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478742/980-340-50-2" }, "r112": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "340", "Section": "55", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478098/980-340-55-2" }, "r113": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "715", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478574/980-715-50-1" }, "r114": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Name": "Accounting Standards Codification", "Topic": "980", "SubTopic": "835", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478698/980-835-25-1" }, "r115": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r116": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r117": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r118": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r119": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r120": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r121": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r122": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22)(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r123": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(22)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r124": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r125": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r126": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r127": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(26)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r128": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(26)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r129": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(26))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r130": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(27)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r131": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r132": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(29))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r133": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r134": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r135": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r136": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(31))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r137": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(32))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r138": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/220/tableOfContent" }, "r139": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r140": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-11" }, "r141": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r142": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r143": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r144": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r145": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r146": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/230/tableOfContent" }, "r147": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r148": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r149": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r150": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-24" }, "r151": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name":

```
"Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r152": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r153": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r154": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "235", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/235/tableOfContent" }, "r155": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 4.E)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480418/310-10-S99-2" }, "r156": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "360", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/360/tableOfContent" }, "r157": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-1" }, "r158": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "440", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/440/tableOfContent" }, "r159": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "470", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/470/tableOfContent" }, "r160": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481573/470-10-45-12A" }, "r161": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "480", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-1" }, "r162": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "480", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3A", "Subparagraph": "(14)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-3A" }, "r163": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "480", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3A", "Subparagraph": "(15)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480244/480-10-S99-3A" }, "r164": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/505/tableOfContent" }, "r165": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-6" }, "r166": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-6" }, "r167": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-7" }, "r168": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.3-04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r169": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 4.F)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-5" }, "r170": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3" }, "r171": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r172": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Subparagraph": "(d)(5)", "Name": "Accounting Standards Codification", "Paragraph": "1", "Section": "50", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r173": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Subparagraph": "(f)", "Name": "Accounting Standards Codification", "Paragraph": "1", "Section": "50", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r174": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "715", "SubTopic": "20", "Subparagraph": "(h)", "Name": "Accounting Standards Codification", "Paragraph": "1", "Section": "50", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r175": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r176": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r177": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r178": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/810/tableOfContent" }, "r179": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-19" }, "r180": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-23" }, "r181": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r182": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/815/tableOfContent" }, "r183": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4B" }, "r184": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4C" }, "r185": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-3" }, "r186": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, "r187": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r188": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r189": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(11))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r190": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(13)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r191": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(13))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r192": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(15)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r193": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(15)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r194": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(16))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r195": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r196": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r197": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r198": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r199": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(11))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r200": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r201": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(14))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r202": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r203": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r204": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r205": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r206": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r207": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r208": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r209": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r210": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r211": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/980/tableOfContent" }, "r212": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "340", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477711/980-340-25-1" }, "r213": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "340", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478742/980-340-50-1" }, "r214": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "405", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477571/980-405-25-1" }, "r215": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "410", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 10.F)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478311/980-410-S99-1" }, "r216": { "role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "740", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479068/980-740-25-1" }, "r217": {
```

```
"role": "http://fasb.org/us-gaap/role/ref/legacyRef", "Topic": "980", "SubTopic": "740", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479068/980-740-25-2" }, "r218": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r219": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r220": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r221": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r222": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-11B" }, "r223": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11B", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-11B" }, "r224": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11B", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-11B" }, "r225": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11B", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-11B" }, "r226": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11B", "Subparagraph": "(c)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-11B" }, "r227": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "8A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481830/320-10-45-8A" }, "r228": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-6" }, "r229": { "role": "http://fasb.org/us-gaap/role/ref/otherTransitionRef", "Topic": "840", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/840/tableOfContent" }, "r230": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Subparagraph": "(a)", "SubTopic": "20", "Topic": "740", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482659/740-20-45-2" }, "r231": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-1" }, "r232": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-1" }, "r233": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "SubTopic": "360", "Topic": "958", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477798/958-360-50-1" }, "r234": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-11" }, "r235": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "SubTopic": "10", "Topic": "275", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482861/275-10-50-12" }, "r236": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "SubTopic": "20", "Topic": "410", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-2" }, "r237": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2A", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "718", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2A" }, "r238": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "SubTopic": "360", "Topic": "958", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477798/958-360-50-6" }, "r239": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "SubTopic": "360", "Topic": "958", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477798/958-360-50-7" }, "r240": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "740", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r241": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "326", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-3" }, "r242": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(b)", "SubTopic": "10", "Topic": "326", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-3" }, "r243": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h))", "SubTopic": "10", "Topic": "235", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r244": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Topic": "250", "Publisher": "FASB", "URI": "https://asc.fasb.org/250/tableOfContent" }, "r245": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Accounting Standards Codification", "Topic": "606", "Publisher": "FASB", "URI": "https://asc.fasb.org/606/tableOfContent" }, "r246": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Form 20-F", "Number": "Part II", "Section": "Item 18", "Subparagraph": "(Instruction 2)", "Publisher": "SEC" }, "r247": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r248": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(1)", "Publisher": "SEC" }, "r249": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1405", "Paragraph": "a", "Subparagraph": "(1)", "Publisher": "SEC" }, "r250": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1405", "Paragraph": "a", "Subparagraph": "(3)", "Publisher": "SEC" }, "r251": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1405", "Paragraph": "c", "Publisher": "SEC" }, "r252": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "04", "Paragraph": "a", "Publisher": "SEC" }, "r253": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Paragraph": "Column B", "Publisher": "SEC" }, "r254": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Paragraph": "Column C", "Subparagraph": "(1)", "Publisher": "SEC" }, "r255": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Paragraph": "Column C", "Subparagraph": "(2)", "Publisher": "SEC" }, "r256": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Paragraph": "Column D", "Publisher": "SEC" }, "r257": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Paragraph": "Column E", "Publisher": "SEC" }, "r258": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "09", "Publisher": "SEC" }, "r259": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r260": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12A", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r261": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12B", "Paragraph": "Column A", "Subparagraph": "(a)", "Footnote": "4", "Publisher": "SEC" }, "r262": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "12B", "Paragraph": "Column A", "Subparagraph": "(b)", "Footnote": "4", "Publisher": "SEC" }, "r263": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "14", "Paragraph": "Column A", "Footnote": "2", "Publisher": "SEC" }, "r264": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column A", "Publisher": "SEC" }, "r265": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column B", "Publisher": "SEC" }, "r266": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column C", "Publisher": "SEC" }, "r267": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column D", "Publisher": "SEC" }, "r268": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column E", "Publisher": "SEC" }, "r269": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "17", "Paragraph": "Column F", "Publisher": "SEC" }, "r270": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "28", "Paragraph": "Column E", "Footnote": "4", "Publisher": "SEC" }, "r271": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(i)", "Publisher": "SEC" }, "r272": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)(A)", "Publisher": "SEC" }, "r273": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)(B)", "Publisher": "SEC" }, "r274": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r275": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(i)", "Publisher": "SEC" }, "r276": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(A)", "Publisher": "SEC" }, "r277": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(B)", "Publisher": "SEC" }, "r278": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iii)(C)", "Publisher": "SEC" }, "r279": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r280": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 11", "Section": "L", "Publisher": "SEC" }, "r281": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 11", "Section": "M", "Paragraph": "Question 2", "Publisher": "SEC" }, "r282": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 5", "Section": "Y", "Paragraph": "Question 2", "Publisher": "SEC" }, "r283": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 5", "Section": "Y", "Paragraph": "Question 4", "Publisher": "SEC" }, "r284": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r285": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r286": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r287": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r288": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-6" }, "r289": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "105", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479343/105-10-65-7" }, "r290": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-1" }, "r291": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "205", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483499/205-20-50-7" }, "r292": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, "r293": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-5" }, "r294": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(1))", "Publisher": "FASB", "URI":
```

"https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r295": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r296": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(13))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r297": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(14))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r298": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(15))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r299": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r300": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r301": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r302": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(27)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r303": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r304": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(29))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r305": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(3)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r306": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(30)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r307": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r308": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r309": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r310": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r311": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r312": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483466/210-20-50-3" }, "r313": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483444/210-20-55-10" }, "r314": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r315": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r316": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10A", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-10A" }, "r317": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-11" }, "r318": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-12" }, "r319": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-14A" }, "r320": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-17A" }, "r321": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r322": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r323": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1A" }, "r324": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1B" }, "r325": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482790/220-10-45-1B" }, "r326": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-1" }, "r327": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-4" }, "r328": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-5" }, "r329": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-6" }, "r330": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r331": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(21))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r332": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r333": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r334": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 6.B)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-5" }, "r335": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-11" }, "r336": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r337": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-17" }, "r338": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-17" }, "r339": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-2" }, "r340": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-24" }, "r341": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-25" }, "r342": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2" }, "r343": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-2A" }, "r344": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482913/230-10-50-8" }, "r345": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483426/235-10-50-1" }, "r346": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r347": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(e)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r348": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(g)(1)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r349": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r350": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r351": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(k)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r352": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(k)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r353": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-04(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-3" }, "r354": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r355": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09(Column C)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r356": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09(Column C)(2))", "Publisher": "FASB", "URI":

```
"https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r357": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09(Column D))", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r358": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09(Column E))", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r359": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "235", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "4", "Subparagraph": "(SX 210.12-09)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480678/235-10-S99-4" }, "r360": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-
45-23" }, "r361": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-24" }, "r362": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483421/250-10-45-5" }, "r363": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-6" }, "r364": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r365": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r366": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-
10-50-1" }, "r367": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r368": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r369": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r370": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r371": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-11" }, "r372": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483443/250-10-50-11" }, "r373": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-3" }, "r374": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-4" }, "r375": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-6" }, "r376":
{ "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-7" }, "r377": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483443/250-10-50-7" }, "r378": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-8" }, "r379": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-9" }, "r380": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5", "Subparagraph": "(SAB Topic 11.M.Q2)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480530/250-10-S99-5" }, "r381": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "250", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480530/250-10-S99-6" }, "r382": {
"role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI":
"https://asc.fasb.org/260/tableOfContent" }, "r383": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards
Codification", "Section": "45", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-10" }, "r384": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-11" }, "r385": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-16" },
"r386": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph":
"2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-2" }, "r387": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "22", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-22" }, "r388": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-
45-23" }, "r389": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "26", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-26" }, "r390": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28A", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-28A" }, "r391": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-3" }, "r392": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "40",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-40" }, "r393": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "40", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-40" }, "r394": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "40", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-
10-45-40" }, "r395": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "40", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-40" }, "r396": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "44", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-44" }, "r397": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "48", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-48" }, "r398": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "48", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-
45-48" }, "r399": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "51", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-51" }, "r400": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "52", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-52" }, "r401": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "53", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-53" }, "r402": {
"role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "54",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-54" }, "r403": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r404": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "60B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-
10-45-60B" }, "r405": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "60B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60B" }, "r406": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "7", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-7" }, "r407": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r408": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-
50-1" }, "r409": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-2" }, "r410": { "role": "http://www.xbrl.org/2003/role/disclosureRef",
"Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482662/260-10-50-3" }, "r411": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482635/260-10-55-15" }, "r412": {
"role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480408/260-10-S99-2" }, "r413": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "270",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482964/270-10-50-1" }, "r414": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483014/272-10-45-1" }, "r415": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147482987/272-10-50-1" }, "r416": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "272", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482987/272-10-50-3" }, "r417": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "Name": "Accounting Standards
Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/280/tableOfContent" }, "r418": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482810/280-10-50-15" }, "r419": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-
50-21" }, "r420": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "21", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-21" }, "r421": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r422": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r423": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-
```

```
50-22" }, "r424": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r425": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r426": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r427": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r428": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r429": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r430": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r431": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "25", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r432": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "25", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-25" }, "r433": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26" }, "r434": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26A" }, "r435": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26B" }, "r436": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "26C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-26C" }, "r437": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r438": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r439": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r440": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r441": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "31", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-31" }, "r442": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r443": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(ee)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r444": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r445": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "34", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-34" }, "r446": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "40", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-40" }, "r447": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "41", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-41" }, "r448": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "41", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-41" }, "r449": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "42", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-42" }, "r450": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476173/280-10-65-1" }, "r451": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476173/280-10-65-1" }, "r452": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-13" }, "r453": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-2" }, "r454": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-2" }, "r455": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-2" }, "r456": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-2" }, "r457": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-4" }, "r458": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "310", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481569/310-20-50-1" }, "r459": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481830/320-10-45-11" }, "r460": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481830/320-10-45-2" }, "r461": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r462": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r463": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r464": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r465": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r466": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r467": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r468": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r469": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r470": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r471": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r472": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r473": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r474": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r475": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r476": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r477": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r478": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r479": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r480": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r481": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r482": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5" }, "r483": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r484": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r485": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5A" }, "r486": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r487": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r488": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r489": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r490": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5B",
```

"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-5B" }, "r491": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-9" }, "r492": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r493": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-2" }, "r494": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r495": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r496": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r497": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r498": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r499": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r500": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r501": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "4", "Subparagraph": "(e)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-4" }, "r502": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r503": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r504": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r505": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479654/326-10-65-5" }, "r506": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479344/326-20-45-1" }, "r507": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-11" }, "r508": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r509": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r510": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r511": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r512": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r513": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-14" }, "r514": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-16" }, "r515": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-5" }, "r516": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-6" }, "r517": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479130/326-30-45-1" }, "r518": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-4" }, "r519": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-4" }, "r520": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-7" }, "r521": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-9" }, "r522": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-9" }, "r523": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479106/326-30-50-9" }, "r524": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "05", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482955/340-10-05-5" }, "r525": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "340", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483032/340-10-45-1" }, "r526": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482598/350-20-45-1" }, "r527": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482598/350-20-45-2" }, "r528": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r529": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r530": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r531": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r532": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r533": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r534": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r535": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r536": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r537": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1A" }, "r538": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-2" }, "r539": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-30/tableOfContent" }, "r540": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482686/350-30-45-1" }, "r541": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482686/350-30-45-2" }, "r542": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r543": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r544": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r545": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r546": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-1" }, "r547": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r548": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r549": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-3" }, "r550": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-3" }, "r551": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-5" }, "r552": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476166/350-60-65-1" }, "r553": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "350", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476166/350-60-65-1" }, "r554": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r555": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482099/360-10-50-3" }, "r556": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r557": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "405", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1",

"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477123/405-50-65-1" }, "r558": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/410-20/tableOfContent" }, "r559": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "25", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481099/410-20-25-4" }, "r560": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481879/410-20-45-3" }, "r561": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r562": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r563": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r564": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r565": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r566": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/410-30/tableOfContent" }, "r567": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-4" }, "r568": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-7" }, "r569": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r570": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482017/420-10-50-1" }, "r571": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.b.1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r572": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "420", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 5.P.4.d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479823/420-10-S99-2" }, "r573": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "440", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482648/440-10-50-4" }, "r574": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "440", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482648/440-10-50-4" }, "r575": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-1" }, "r576": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-4" }, "r577": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r578": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r579": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r580": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r581": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-3" }, "r582": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-4" }, "r583": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-4" }, "r584": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-4" }, "r585": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-4" }, "r586": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r587": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-7" }, "r588": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r589": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r590": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii)(B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r591": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r592": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r593": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r594": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r595": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r596": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iii)(C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r597": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r598": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r599": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r600": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r601": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r602": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r603": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r604": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r605": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r606": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r607": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1D", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1D" }, "r608": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r609": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r610": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1E", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1E" }, "r611": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r612": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r613": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r614": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1F", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1F" }, "r615": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1I", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1I" }, "r616": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-4" }, "r617": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-4" }, "r618": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r619": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r620": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r621": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",

"Paragraph": "13", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r622": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r623": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r624": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r625": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r626": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r627": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-14" }, "r628": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-16" }, "r629": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r630": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r631": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r632": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-18" }, "r633": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r634": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-4" }, "r635": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.3-04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480008/505-10-S99-1" }, "r636": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479837/606-10-45-1" }, "r637": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479837/606-10-45-2" }, "r638": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-10" }, "r639": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r640": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r641": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r642": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r643": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-12" }, "r644": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-13" }, "r645": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-15" }, "r646": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-4" }, "r647": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-5" }, "r648": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-8" }, "r649": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-9" }, "r650": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/715/tableOfContent" }, "r651": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-2" }, "r652": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3" }, "r653": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3A" }, "r654": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480535/715-20-45-3A" }, "r655": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r656": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r657": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(10)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r658": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r659": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r660": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r661": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r662": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r663": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r664": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r665": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(9)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r666": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r667": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r668": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r669": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r670": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r671": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r672": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r673": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r674": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r675": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r676": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r677": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r678": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r679": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r680": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r681": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(A)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r682": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(B)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r683": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r684": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",

"Subparagraph": "(d)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r685": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r686": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r687": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r688": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r689": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r690": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r691": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r692": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r693": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r694": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r695": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r696": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r697": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r698": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r699": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r700": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r701": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r702": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r703": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(l)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r704": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(m)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r705": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(o)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r706": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(p)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r707": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(q)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r708": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(r)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r709": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(r)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r710": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r711": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r712": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r713": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-4" }, "r714": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r715": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r716": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r717": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r718": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r719": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r720": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r721": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r722": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r723": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-8" }, "r724": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480126/715-20-S99-2" }, "r725": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480266/715-60-50-3" }, "r726": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480266/715-60-50-4" }, "r727": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "70", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480794/715-70-50-1" }, "r728": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480606/715-80-35-1" }, "r729": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r730": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r731": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r732": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r733": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r734": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r735": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r736": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r737": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r738": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-5" }, "r739": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-9" }, "r740": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/718/tableOfContent" }, "r741": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1D", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480483/718-10-35-1D" }, "r742": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480483/718-10-35-3" }, "r743": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480454/718-10-45-1" }, "r744": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r745": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r746": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r747": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r748": { "role":

{"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r749": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r750": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r751": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r752": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r753": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r754": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r755": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r756": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r757": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r758": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r759": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r760": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r761": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r762": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r763": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r764": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r765": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r766": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r767": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r768": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r769": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r770": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(v)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r771": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r772": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r773": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r774": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r775": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r776": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 14.F)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479830/718-10-S99-1" }, "r777": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "720", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483359/720-20-50-1" }, "r778": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/740/tableOfContent" }, "r779": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "10B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-10B" }, "r780": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-25" }, "r781": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-28" }, "r782": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-4" }, "r783": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482525/740-10-45-6" }, "r784": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-10" }, "r785": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-10A" }, "r786": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, "r787": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, "r788": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r789": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r790": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r791": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r792": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, "r793": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12B" }, "r794": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12C" }, "r795": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-14" }, "r796": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15" }, "r797": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15A" }, "r798": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15A", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15A" }, "r799": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15A", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15A" }, "r800": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "17", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-17" }, "r801": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-19" }, "r802": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r803": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r804": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, "r805": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "20", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-20" }, "r806": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "21", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-21" }, "r807": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-22" }, "r808": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "23", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-23" }, "r809": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-

```
50-3" }, "r810": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r811": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r812": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-8" }, "r813": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(d)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-8" }, "r814": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-9" }, "r815": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "9", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-9" }, "r816": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "9", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482615/740-10-65-9" }, "r817": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.1.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r818": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.5.Q1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r819": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, "r820": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SAB Topic 11.C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-2" }, "r821": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "270", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477891/740-270-50-1" }, "r822": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482603/740-30-50-2" }, "r823": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r824": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r825": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r826": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r827": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r828": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r829": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r830": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r831": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r832": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "740", "SubTopic": "323", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478666/740-323-65-2" }, "r833": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479907/805-20-50-5" }, "r834": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r835": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r836": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479845/805-20-65-3" }, "r837": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r838": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r839": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r840": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r841": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "805", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147476176/805-60-65-1" }, "r842": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "19", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-19" }, "r843": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-25" }, "r844": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "25", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481231/810-10-45-25" }, "r845": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r846": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r847": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-1A" }, "r848": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, "r849": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481203/810-10-50-3" }, "r850": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r851": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, "r852": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5C", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-5C" }, "r853": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-5" }, "r854": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r855": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r856": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r857": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r858": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r859": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r860": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r861": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r862": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(h)(1)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r863": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(i)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r864": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(i)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r865": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "6", "Subparagraph": "(i)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480528/815-20-65-6" }, "r866": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-5" }, "r867": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480237/815-40-50-6" }, "r868": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r869": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r870": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r871": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r872": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1",
```

"Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r873": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r874": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r875": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r876": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r877": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r878": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r879": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, "r880": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "54B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482134/820-10-35-54B" }, "r881": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r882": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r883": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r884": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r885": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r886": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r887": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r888": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r889": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2E" }, "r890": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r891": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r892": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r893": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r894": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r895": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r896": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r897": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r898": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6B" }, "r899": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "13", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482477/820-10-65-13" }, "r900": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "13", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482477/820-10-65-13" }, "r901": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-10" }, "r902": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "28", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, "r903": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-17" }, "r904": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r905": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r906": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r907": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r908": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r909": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-1" }, "r910": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-2" }, "r911": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-1A" }, "r912": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-2" }, "r913": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482900/835-30-50-1" }, "r914": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "5", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-5" }, "r915": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-8" }, "r916": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "8", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479832/842-10-65-8" }, "r917": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/842-20/tableOfContent" }, "r918": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "12A", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479165/842-20-35-12A" }, "r919": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-1" }, "r920": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-1" }, "r921": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-2" }, "r922": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-4" }, "r923": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-5" }, "r924": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-5" }, "r925": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479041/842-20-45-5" }, "r926": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-3" }, "r927": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r928": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r929": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r930": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r931": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r932": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r933": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(g)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r934": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-6" }, "r935": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-7A" }, "r936": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-7A" }, "r937": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65",

"Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-1" }, "r938": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-1" }, "r939": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r940": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r941": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r942": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)(3)(iii)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r943": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)(3)(iii)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r944": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r945": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "848", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483550/848-10-65-2" }, "r946": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r947": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-1" }, "r948": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-2" }, "r949": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r950": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481435/852-10-45-14" }, "r951": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-2" }, "r952": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r953": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r954": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r955": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r956": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r957": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(bb)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r958": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r959": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r960": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r961": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r962": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r963": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r964": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r965": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481444/860-30-45-1" }, "r966": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r967": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r968": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-1A" }, "r969": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r970": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481420/860-30-50-7" }, "r971": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r972": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r973": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r974": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(4)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-3" }, "r975": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r976": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r977": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r978": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r979": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r980": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r981": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r982": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r983": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r984": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r985": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "860", "SubTopic": "50", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481229/860-50-50-4" }, "r986": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "910", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482546/910-10-50-6" }, "r987": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "912", "SubTopic": "405", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478788/912-405-45-4" }, "r988": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "924", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 11.L)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479941/924-10-S99-1" }, "r989": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r990": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r991": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r992": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r993": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r994": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "926", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483194/926-20-65-2" }, "r995": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-4" }, "r996": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r997": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r998": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r999": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5",

"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r1000": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r1001": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-5" }, "r1002": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-7" }, "r1003": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r1004": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r1005": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "932", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477215/932-235-50-8" }, "r1006": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "940", "SubTopic": "820", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478119/940-820-50-1" }, "r1007": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(10)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r1008": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r1009": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r1010": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r1011": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-04(27))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478524/942-220-S99-1" }, "r1012": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-05(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477314/942-235-S99-1" }, "r1013": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477268/942-320-50-2" }, "r1014": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477268/942-320-50-3A" }, "r1015": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "942", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478451/942-360-50-1" }, "r1016": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(1)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1017": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(1)(f))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1018": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1019": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1020": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(15)(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1021": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(16)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1022": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1023": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1024": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(22))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1025": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(23)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1026": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(23)(a)(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1027": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(24))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1028": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(25))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1029": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1030": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(8)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1031": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1032": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(16))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1033": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1034": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1035": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1036": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1037": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(20))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1038": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(23))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1039": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(3)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1040": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-04(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477250/944-220-S99-1" }, "r1041": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1042": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1043": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1044": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1045": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1046": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1047": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1048": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1049": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column I))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1050": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column J))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1051": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-16(Column K))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-1" }, "r1052": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column A))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1053": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1054": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1055": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1056": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1057": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "235", "Name":

"Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-17(Column F))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477965/944-235-S99-2" }, "r1058": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4E" }, "r1059": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1060": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1061": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1062": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1063": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1064": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1065": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(f)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1066": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1067": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1068": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1069": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1070": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(g)(2)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1071": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1072": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "2", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480016/944-40-65-2" }, "r1073": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.W.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479583/944-40-S99-1" }, "r1074": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480424/946-10-50-3" }, "r1075": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1076": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(f)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1077": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(f)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1078": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(f)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1079": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(h)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1080": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1081": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1082": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1083": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-03(i)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479886/946-10-S99-3" }, "r1084": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-11" }, "r1085": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-13" }, "r1086": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-3" }, "r1087": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-3" }, "r1088": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-4" }, "r1089": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-2" }, "r1090": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "27", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-27" }, "r1091": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-3" }, "r1092": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1093": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1094": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1095": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1096": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1097": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1098": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1099": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478494/946-205-50-7" }, "r1100": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477796/946-210-45-4" }, "r1101": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1102": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1103": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1104": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1105": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-12" }, "r1106": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-2" }, "r1107": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1108": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1109": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1110": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1111": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1112": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1113": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1114": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1115": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1116": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1117": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(13)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1118": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(13)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1119": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name":

"Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(14))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1120": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(16)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1121": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(17))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1122": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(19))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1123": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1124": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(2)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1125": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(3)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1126": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(3)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1127": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(3)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1128": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1129": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1130": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1131": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(6)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1132": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(7)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1133": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1134": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(9)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1135": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(9)(c))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1136": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(9)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1137": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(9)(e))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1138": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.6-05(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-2" }, "r1139": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.6-05(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-2" }, "r1140": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479105/946-220-45-3" }, "r1141": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "7", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479105/946-220-45-7" }, "r1142": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478297/946-220-50-3" }, "r1143": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1144": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(2)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1145": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1146": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1147": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1148": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1149": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1150": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(a)(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1151": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1152": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1153": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1154": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1155": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1156": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(7)(c)(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1157": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-07(9))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-1" }, "r1158": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(1)(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1159": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1160": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1161": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1162": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r1163": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "235", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477968/946-235-50-2" }, "r1164": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477802/946-310-45-1" }, "r1165": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1166": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1167": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column C)(Footnote 5))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1168": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "12", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-12" }, "r1169": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "19", "Subparagraph": "(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-19" }, "r1170": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r1171": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r1172": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column C)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r1173": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1174": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1175": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1176": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column C)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1177": { "role":

```
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5",
"Subparagraph": "(SX 210.12-13(Column A)(Footnote 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, r1178": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5",
"Subparagraph": "(SX 210.12-13(Column G)(Footnote 8))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, r1179": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5",
"Subparagraph": "(SX 210.12-13(Column G))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5" }, r1180": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5A",
"Subparagraph": "(SX 210.12-13A(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5A" }, r1181": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B",
"Subparagraph": "(SX 210.12-13B(Column E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, r1182": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5B",
"Subparagraph": "(SX 210.12-13B(Column E))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5B" }, r1183": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C",
"Subparagraph": "(SX 210.12-13C(Column H)(Footnote 7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, r1184": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C",
"Subparagraph": "(SX 210.12-13C(Column H))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, r1185": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6",
"Subparagraph": "(SX 210.12-14(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, r1186": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6",
"Subparagraph": "(SX 210.12-14(Column A)(Footnote 3))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, r1187": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6",
"Subparagraph": "(SX 210.12-14(Column F)(Footnote 7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, r1188": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7",
"Subparagraph": "(SX 210.12-15(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, r1189": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7",
"Subparagraph": "(SX 210.12-15(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, r1190": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7",
"Subparagraph": "(SX 210.12-15(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, r1191": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-1" }, r1192": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, r1193": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-
50-2" }, r1194": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, r1195": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2",
"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-2" }, r1196": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-3" }, r1197": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "946", "SubTopic": "505",
"Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478448/946-505-50-6" },
"r1198": { "role": "http://www.xbrl.org/2003/role/disclosureRef", "Topic": "954", "SubTopic": "440", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph":
"1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478522/954-440-50-1" }, r1199": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "970", "SubTopic": "360", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1",
"Subparagraph": "(SX 210.12-28(Column E)(Footnote 4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478979/970-360-S99-1" }, r1200": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "976", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477332/976-310-50-1" }, r1201": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "978", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479230/978-310-50-1" }, r1202": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "985", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1",
"Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481283/985-20-50-1" }, r1203": { "role":
"http://www.xbrl.org/2003/role/disclosureRef", "Topic": "985", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher":
"FASB", "URI": "https://asc.fasb.org/1943274/2147481283/985-20-50-2" }, r1204": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards
Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)(1)", "SubTopic": "10", "Topic": "815", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147480434/815-10-50-4D" }, r1205": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards Codification",
"Section": "55", "Paragraph": "13H", "Subparagraph": "(a)", "SubTopic": "40", "Topic": "944", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-
55-13H" }, r1206": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7", "Subparagraph": "
(SX 210.12-15(Column A))", "SubTopic": "320", "Topic": "946", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, r1207": { "role":
"http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, r1208": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483467/210-10-45-1" }, r1209": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483467/210-10-
45-1" }, r1210": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483489/210-10-50-1" }, r1211": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "210", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "22", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147483444/210-20-55-22" }, r1212": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "235", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483426/235-10-
50-4" }, r1213": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45",
"Paragraph": "35", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-35" }, r1214": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "52", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482635/260-10-55-52" }, r1215": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-
50-30" }, r1216": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50",
"Paragraph": "31", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-31" }, r1217": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(a)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, r1218": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "47", "Subparagraph": "(bb)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-
10-55-47" }, r1219": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55",
"Paragraph": "47", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, r1220": { "role":
"http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "47",
"Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-47" }, r1221": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "48", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482785/280-10-55-48" }, r1222": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "49", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-49" }, r1223": {
"role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "54",
"Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-55-54" }, r1224": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "54", "Subparagraph": "(d)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482785/280-10-55-54" }, r1225": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "280", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "54", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482785/280-10-
55-54" }, r1226": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55",
"Paragraph": "12A", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481933/310-10-55-12A" }, r1227": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12", "Subparagraph": "(c)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147479294/326-20-55-12" }, r1228": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "79", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479294/326-20-55-79" }, r1229": {
"role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "326", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479081/326-30-55-8" }, r1230": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "350",
"SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "24", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482548/350-20-55-24" }, r1231": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "350", "SubTopic": "30", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "40", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482640/350-30-55-40" }, r1232": {
"role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "14",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481899/410-30-55-14" }, r1233": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "460",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "27", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147482395/460-10-55-27" }, r1234": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-
20-50-1B" }, r1235": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55",
"Paragraph": "69B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69B" }, r1236": { "role": "http://www.xbrl.org/2003/role/exampleRef",
"Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69C", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481568/470-20-55-69C" }, r1237": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "69E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69E" }, r1238": {
"role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "69F",
"Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481568/470-20-55-69F" }, r1239": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "505",
"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(d)", "Publisher": "FASB", "URI":
"https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, r1240": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name":
"Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-
```

55-91" }, "r1241": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1242": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1243": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1244": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1245": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1246": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1247": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1248": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1249": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-17" }, "r1250": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480482/715-20-55-18" }, "r1251": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1252": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1253": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, "r1254": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1255": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1256": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-6" }, "r1257": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480547/715-80-55-8" }, "r1258": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r1259": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, "r1260": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "217", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482663/740-10-55-217" }, "r1261": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "231", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482663/740-10-55-231" }, "r1262": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4J", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4J" }, "r1263": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "810", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4K", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481175/810-10-55-4K" }, "r1264": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r1265": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "100", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-100" }, "r1266": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "100", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-100" }, "r1267": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "101", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-101" }, "r1268": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "103", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-103" }, "r1269": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1270": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1271": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1272": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1273": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1274": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "107", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482078/820-10-55-107" }, "r1275": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482949/835-30-55-8" }, "r1276": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "53", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479589/842-20-55-53" }, "r1277": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481372/852-10-55-10" }, "r1278": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "860", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481395/860-30-55-4" }, "r1279": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479401/944-30-55-2" }, "r1280": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "13H", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-13H" }, "r1281": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "29F", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-29F" }, "r1282": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1283": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1284": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9C", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9C" }, "r1285": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "9E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480046/944-40-55-9E" }, "r1286": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "17", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480078/944-80-55-17" }, "r1287": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480078/944-80-55-18" }, "r1288": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-1" }, "r1289": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1290": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477439/946-210-55-1" }, "r1291": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477802/946-310-45-1" }, "r1292": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" }, "r1293": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.12-12A(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-2" }, "r1294": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-12B(Column A)(Footnote 1)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-3" }, "r1295": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column A)(Footnote 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r1296": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "5C", "Subparagraph": "(SX 210.12-13C(Column B)(Footnote 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-5C" }, "r1297": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "6", "Subparagraph": "(SX 210.12-14(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-6" }, "r1298": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7", "Subparagraph": "(SX 210.12-15(Column B))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, "r1299": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7", "Subparagraph": "(SX 210.12-15(Column C))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, "r1300": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "7", "Subparagraph": "(SX 210.12-15(Column D))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-7" }, "r1301": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-10" }, "r1302": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-11" }, "r1303": { "role": "http://www.xbrl.org/2003/role/exampleRef", "Topic": "946", "SubTopic": "830", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479168/946-830-55-12" }, "r1304": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b" }, "r1305": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b-2" }, "r1306": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act", "Number": "240", "Section": "12", "Subsection": "b-23" }, "r1307": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Exchange Act",

"Number": "240", "Section": "12", "Subsection": "d1-1" }, "r1308": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 10-K", "Number": "249", "Section": "310" }, "r1309": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Number": "249", "Section": "220", "Subsection": "f" }, "r1310": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16", "Subsection": "f", "Paragraph": "a" }, "r1311": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K" }, "r1312": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "b", "Paragraph": "1" }, "r1313": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "b", "Paragraph": "1", "Subparagraph": "i" }, "r1314": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "b", "Paragraph": "1", "Subparagraph": "ii" }, "r1315": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "b", "Paragraph": "1", "Subparagraph": "iii" }, "r1316": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "b", "Paragraph": "2" }, "r1317": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "c", "Paragraph": "1" }, "r1318": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "c", "Paragraph": "2" }, "r1319": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "c", "Paragraph": "2", "Subparagraph": "i" }, "r1320": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "c", "Paragraph": "2", "Subparagraph": "ii" }, "r1321": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "16K", "Subsection": "c", "Paragraph": "2", "Subparagraph": "iii" }, "r1322": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1" }, "r1323": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i" }, "r1324": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r1325": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r1326": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r1327": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r1328": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r1329": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "ii" }, "r1330": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "1", "Subparagraph": "iii" }, "r1331": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 20-F", "Section": "6", "Subsection": "F", "Paragraph": "2" }, "r1332": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Number": "249", "Section": "240", "Subsection": "f" }, "r1333": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a" }, "r1334": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1" }, "r1335": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r1336": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r1337": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r1338": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r1339": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r1340": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "2" }, "r1341": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "a", "Subparagraph": "3" }, "r1342": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form 40-F", "Section": "19", "Paragraph": "b" }, "r1343": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a" }, "r1344": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1" }, "r1345": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "i" }, "r1346": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "ii" }, "r1347": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iii" }, "r1348": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "iv" }, "r1349": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "1", "Sentence": "v" }, "r1350": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "2" }, "r1351": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "a", "Subparagraph": "3" }, "r1352": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Form N-CSR", "Section": "18", "Paragraph": "b" }, "r1353": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Forms 10-K, 10-Q, 20-F", "Number": "240", "Section": "13", "Subsection": "a-1" }, "r1354": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v" }, "r1355": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "1" }, "r1356": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "ii" }, "r1357": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii" }, "r1358": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "ii" }, "r1359": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "i" }, "r1360": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "ii" }, "r1361": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "iii" }, "r1362": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "iv" }, "r1363": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "v" }, "r1364": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1", "Subclause": "vi" }, "r1365": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iv" }, "r1366": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "vi" }, "r1367": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "3" }, "r1368": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "4" }, "r1369": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "i" }, "r1370": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "ii" }, "r1371": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iii" }, "r1372": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "5", "Subparagraph": "iv" }, "r1373": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6" }, "r1374": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "v", "Paragraph": "6", "Subparagraph": "i" }, "r1375": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w" }, "r1376": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1" }, "r1377": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i" }, "r1378": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "A" }, "r1379": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "B" }, "r1380": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "C" }, "r1381": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "D" }, "r1382": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "i", "Sentence": "E" }, "r1383": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "ii" }, "r1384": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "1", "Subparagraph": "iii" }, "r1385": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "w", "Paragraph": "2" }, "r1386": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "1" }, "r1387": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2" }, "r1388": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "i", "Sentence": "A" }, "r1389": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "i", "Sentence": "C" }, "r1390": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "D" }, "r1391": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "E" }, "r1392": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "402", "Subsection": "x", "Paragraph": "2", "Subparagraph": "ii", "Sentence": "F" }, "r1393": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a" }, "r1394": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "1" }, "r1395": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "A" }, "r1396": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "B" }, "r1397": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "C" }, "r1398": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "a", "Paragraph": "2", "Subparagraph": "D" }, "r1399": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Number": "229", "Section": "408", "Subsection": "b", "Paragraph": "1" }, "r1400": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106" }, "r1401": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "b", "Paragraph": "1" }, "r1402": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "b", "Paragraph": "1", "Subparagraph": "i" }, "r1403": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "b", "Paragraph": "1", "Subparagraph": "ii" }, "r1404": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "b", "Paragraph": "1", "Subparagraph": "iii" }, "r1405": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "b", "Paragraph": "2" }, "r1406": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "c", "Paragraph": "1" }, "r1407": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher":

```
"SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "c", "Paragraph": "2" }, "r1408": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "c", "Paragraph": "2", "Subparagraph": "i" }, "r1409": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "c", "Paragraph": "2", "Subparagraph": "ii" }, "r1410": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "106", "Subsection": "c", "Paragraph": "2", "Subparagraph": "iii" }, "r1411": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Number": "229", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "C", "Clause": "1" }, "r1412": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "A", "Number": "229" }, "r1413": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Number": "229" }, "r1414": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-K", "Section": "402", "Subsection": "v", "Paragraph": "2", "Subparagraph": "iii", "Sentence": "B", "Clause": "1", "Subclause": "i", "Number": "229" }, "r1415": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Regulation S-T", "Number": "232", "Section": "405" }, "r1416": { "role": "http://www.xbrl.org/2003/role/presentationRef", "Publisher": "SEC", "Name": "Securities Act", "Number": "230", "Section": "405" }, "r1417": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "60", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-60" }, "r1418": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "272", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483014/272-10-45-3" }, "r1419": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-8" }, "r1420": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-10" }, "r1421": { "role": "http://www.xbrl.org/2003/role/recommendedDisclosureRef", "Topic": "855", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483399/855-10-50-3" }, "r1422": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "15", "Paragraph": "3", "SubTopic": "10", "Topic": "805", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479455/805-10-15-3" }, "r1423": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "12", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-12" }, "r1424": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "15", "SubTopic": "10", "Topic": "230", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-15" }, "r1425": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(B)", "SubTopic": "20", "Topic": "715", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1426": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "SubTopic": "10", "Topic": "250", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-3" }, "r1427": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "SubTopic": "10", "Topic": "740", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, "r1428": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2)(a))", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1429": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(2)(d))", "SubTopic": "10", "Topic": "220", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1430": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Accounting Standards Codification", "Topic": "610", "Publisher": "FASB", "URI": "https://asc.fasb.org/610/tableOfContent" }, "r1431": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "a", "Publisher": "SEC" }, "r1432": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(1)", "Publisher": "SEC" }, "r1433": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(2)", "Publisher": "SEC" }, "r1434": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "b", "Subparagraph": "(3)", "Publisher": "SEC" }, "r1435": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(i)", "Publisher": "SEC" }, "r1436": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(ii)", "Publisher": "SEC" }, "r1437": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-K (SK)", "Number": "229", "Section": "1402", "Paragraph": "c", "Subparagraph": "(2)(iii)", "Publisher": "SEC" }, "r1438": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "11", "Subsection": "03", "Publisher": "SEC" }, "r1439": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "12", "Subsection": "04", "Subparagraph": "(a)", "Publisher": "SEC" }, "r1440": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(i)", "Publisher": "SEC" }, "r1441": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(ii)", "Publisher": "SEC" }, "r1442": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iii)", "Publisher": "SEC" }, "r1443": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "01", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r1444": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "13", "Subsection": "02", "Paragraph": "a", "Subparagraph": "(4)(iv)", "Publisher": "SEC" }, "r1445": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Regulation S-X (SX)", "Number": "210", "Section": "6", "Subsection": "04", "Paragraph": "12", "Subparagraph": "(b)(1)", "Publisher": "SEC" }, "r1446": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Name": "Staff Accounting Bulletin (SAB)", "Number": "Topic 5", "Section": "Y", "Paragraph": "Question 2", "Publisher": "SEC" }, "r1447": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(12))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1448": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(18))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1449": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(27)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1450": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(28))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1451": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6)(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1452": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "210", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.5-02(6))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480566/210-10-S99-1" }, "r1453": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-4" }, "r1454": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-5" }, "r1455": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482765/220-10-50-6" }, "r1456": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03(4))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1457": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "220", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "2", "Subparagraph": "(SX 210.5-03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483621/220-10-S99-2" }, "r1458": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r1459": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-13" }, "r1460": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "14", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-14" }, "r1461": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "230", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "28", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482740/230-10-45-28" }, "r1462": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(d))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1463": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(f))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1464": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(g)(1)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1465": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(1)(Note 1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1466": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(h)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1467": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(k)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1468": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.4-08(k)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-1" }, "r1469": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-3" }, "r1470": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "235", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.12-04(a))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480678/235-10-S99-3" }, "r1471": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "23", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-23" }, "r1472": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "24", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-24" }, "r1473": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483421/250-10-45-5" }, "r1474": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-1" }, "r1475": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-4" }, "r1476": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "250", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483443/250-10-50-6" }, "r1477": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "55", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482689/260-10-45-55" }, "r1478": { "role":
```

{"http://www.xbrl.org/2009/role/commonPracticeRef": "Topic": "260", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482662/260-10-50-1" }, "r1479": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "270", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482964/270-10-50-1" }, "r1480": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-15" }, "r1481": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "18", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-18" }, "r1482": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "22", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-22" }, "r1483": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r1484": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "30", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-30" }, "r1485": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(ee)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r1486": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "280", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "32", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482810/280-10-50-32" }, "r1487": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-13" }, "r1488": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481990/310-10-45-2" }, "r1489": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "310", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481962/310-10-50-2" }, "r1490": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481830/320-10-45-1" }, "r1491": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1492": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1493": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(aaa)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1494": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1495": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1496": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-2" }, "r1497": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r1498": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r1499": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r1500": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r1501": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-3" }, "r1502": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "320", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481800/320-10-50-9" }, "r1503": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1504": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1505": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "321", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479536/321-10-50-3" }, "r1506": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "323", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481687/323-10-50-3" }, "r1507": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "326", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479319/326-20-50-13" }, "r1508": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-20/tableOfContent" }, "r1509": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1510": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482573/350-20-50-1" }, "r1511": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/350-30/tableOfContent" }, "r1512": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1513": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-2" }, "r1514": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "350", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482665/350-30-50-3" }, "r1515": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "360", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482130/360-10-45-5" }, "r1516": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "30", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/405-30/tableOfContent" }, "r1517": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1518": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1519": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "405", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477092/405-40-50-1" }, "r1520": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481850/410-20-50-1" }, "r1521": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "410", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481931/410-30-50-10" }, "r1522": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/450/tableOfContent" }, "r1523": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-1" }, "r1524": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-4" }, "r1525": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r1526": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483076/450-20-50-9" }, "r1527": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "450", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 5.Y.Q2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480102/450-20-S99-1" }, "r1528": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "460", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482425/460-10-50-3" }, "r1529": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r1530": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481544/470-10-50-6" }, "r1531": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(i))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1532": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(ii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1533": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iii))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1534": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1A", "Subparagraph": "(SX 210.13-01(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1A" }, "r1535": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1B", "Subparagraph": "(SX 210.13-02(a)(4)(iv))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480097/470-10-S99-1B" }, "r1536": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "470", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481139/470-20-50-1B" }, "r1537": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "13", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-13" }, "r1538": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "505", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481112/505-10-50-2" }, "r1539": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "606",

{"SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479806/606-10-50-5" }, "r1540": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "606", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "55", "Paragraph": "91", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479777/606-10-55-91" }, "r1541": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1542": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1543": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(10)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1544": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1545": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1546": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1547": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1548": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1549": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1550": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1551": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(a)(9)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1552": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1553": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1554": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1555": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1556": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1557": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1558": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1559": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1560": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(b)(8)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1561": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1562": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1563": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1564": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1565": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1566": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(A)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1567": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(02)(C)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1568": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(d)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1569": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1570": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1571": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(g)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1572": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1573": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1574": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1575": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1576": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1577": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1578": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1579": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(h)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1580": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1581": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(j)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1582": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1583": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1584": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1585": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(k)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1586": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(n)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1587": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(q)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-1" }, "r1588": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-2" }, "r1589": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r1590": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-3" }, "r1591": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1592": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1593": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1594": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1595": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1596": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, "r1597": { "role":

"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, r1598": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, r1599": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-6" }, r1600": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "8", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480506/715-20-50-8" }, r1601": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "60", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480266/715-60-50-4" }, r1602": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480606/715-80-35-1" }, r1603", { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "11", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-11" }, r1604": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "715", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480576/715-80-50-9" }, r1605": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1606": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1607": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1608": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1609": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1610": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1611": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1612": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1613": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1614": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1615": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)(iv)(04)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1616": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1617": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1618": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1619": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(01)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1620": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(02)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1621": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)(iii)(03)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1622": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1623": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1624": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1625": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(e)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1626": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1627": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(ii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1628": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iii)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1629": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(iv)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1630": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "718", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(f)(2)(v)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480429/718-10-50-2" }, r1631": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "720", "Name": "Accounting Standards Codification", "Publisher": "FASB", "URI": "https://asc.fasb.org/720/tableOfContent" }, r1632": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "10", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-10" }, r1633": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, r1634": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12" }, r1635": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "12A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-12A" }, r1636": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-15" }, r1637": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-2" }, r1638": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-3" }, r1639": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-6" }, r1640": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, r1641": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "9", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482685/740-10-50-9" }, r1642": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "740", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SAB Topic 6.I.7)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479360/740-10-S99-1" }, r1643": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1A" }, r1644": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-1B" }, r1645": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480434/815-10-50-4A" }, r1646": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "815", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "65", "Paragraph": "1", "Subparagraph": "(e)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480175/815-40-65-1" }, r1647": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "35", "Paragraph": "54B", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482134/820-10-35-54B" }, r1648": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1649": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1650": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1651": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1652": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(bbb)(2)(i)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1653": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1654": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1655": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(1a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1656": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, r1657": { "role":

```
"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1658": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2" }, "r1659": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2E", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-2E" }, "r1660": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r1661": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-3" }, "r1662": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "820", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482106/820-10-50-6A" }, "r1663": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "825", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "28", "Subparagraph": "(f)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482907/825-10-50-28" }, "r1664": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "20", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481694/830-30-45-20" }, "r1665": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "830", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481674/830-30-50-1" }, "r1666": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482925/835-30-45-2" }, "r1667": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "835", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147482900/835-30-50-1" }, "r1668": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-3" }, "r1669": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "842", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478964/842-20-50-4" }, "r1670": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-2" }, "r1671": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "850", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147483326/850-10-50-3" }, "r1672": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481404/852-10-50-7" }, "r1673": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "852", "SubTopic": "10", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481404/852-10-50-7" }, "r1674": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1675": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1676": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(c)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-3" }, "r1677": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1678": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1679": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "860", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147481326/860-20-50-4" }, "r1680": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "940", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "2", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479035/940-320-45-2" }, "r1681": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "942", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.9-03(7)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478546/942-210-S99-1" }, "r1682": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(10))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1683": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(16)(a)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1684": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.7-03(a)(16)(a)(2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478777/944-210-S99-1" }, "r1685": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "30", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479432/944-30-50-2B" }, "r1686": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477363/944-310-50-3" }, "r1687": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "310", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "3", "Subparagraph": "(a)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477363/944-310-50-3" }, "r1688": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4B" }, "r1689": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4B" }, "r1690": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4C", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4C" }, "r1691": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4D", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4D" }, "r1692": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "4G", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-4G" }, "r1693": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1694": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1695": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1696": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "5", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-5" }, "r1697": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1698": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1699": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1700": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1701": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(4)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1702": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(5)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1703": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(b)(6)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1704": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-6" }, "r1705": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1706": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(1)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1707": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(2)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1708": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(b)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1709": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1710": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7A", "Subparagraph": "(d)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7A" }, "r1711": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1712": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1713": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "40", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "7B", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480081/944-40-50-7B" }, "r1714": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "1", "Subparagraph": "(e)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480109/944-80-50-1" }, "r1715": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(b)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480109/944-80-50-2" }, "r1716": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "944", "SubTopic": "80", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "2", "Subparagraph": "(c)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480109/944-80-50-2" }, "r1717": { "role":
```

"http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "15", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-15" }, "r1718": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "20", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "16", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147480990/946-20-50-16" }, "r1719": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "205", "Name": "Accounting Standards Codification", "Section": "45", "Paragraph": "4", "Subparagraph": "(a)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478009/946-205-45-4" }, "r1720": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "50", "Paragraph": "6", "Subparagraph": "(a)(3)", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147478795/946-210-50-6" }, "r1721": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "210", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.6-04(12)(b)(1))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479170/946-210-S99-1" }, "r1722": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(4)(b))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1723": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "220", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "3", "Subparagraph": "(SX 210.6-09(7))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147479134/946-220-S99-3" }, "r1724": { "role": "http://www.xbrl.org/2009/role/commonPracticeRef", "Topic": "946", "SubTopic": "320", "Name": "Accounting Standards Codification", "Section": "S99", "Paragraph": "1", "Subparagraph": "(SX 210.12-12(Column A)(Footnote 2))", "Publisher": "FASB", "URI": "https://asc.fasb.org/1943274/2147477271/946-320-S99-1" } } } ZIP 156 0001111711-25-000008-xbrl.zip IDEA: XBRL DOCUMENT begin 644 0001111711-25-000008-xbrl.zip M4$L#!!0 (*(U!$%0%R-#$R M,S$N:'1M[3UI<]LXEM_W5W#3M3UVE:2V;.=R,JG.$Y/=F=ZLG%VNN;3%$2" M$MH4P29(V^I?O^\ 0)"BY".Q922]JG9LB0?P\.[S]:R:9V]>SZ1(WOS'Z_|<-M#]-W.]JG,]^BN)2BDDE4&Y5/HU\3:=:R+1:FFLRK:W]M_&OV]RS-U M+OC[2E69?..>_HG_OOU3_22UQ.=+-Z\3M1Y1)(_/U'[\62\]V*2/I<'XO#%_MP8L7!W)O)^F^.$Q>3OX]? @*WPN5\CZD6F?SSD[C*AS.)[S]ZOE]4KRY4 M4LV.QGM[__6D=5TE+ZNAR-01/Z+5PK>I4KW9KV.=Z?+HASWZ[Q5^.TS%7&6+ MHS]]5G-IHE_D1? 1)ST7^IX$1N1D:6:J4+S3]#WDTQI?3GQ>\FD-X3J9RZ58W-MWL[&_U63)]$HHR[MG_#:]0OV7Q:7K^:BG)$)KJJ]/SH*:SI7):5BD5F-TIPX*\=K%Z,B\L-@>/' M*\;/]EY]/S_;1TX_*C')I((/1+)>)+(<__DP41AZY7UXERA296!RIG(!(-]WJ ML/?V1GM,'%4)_R?NS?;K$7WU4Y4L?_?RQ>CEWNJO]T9C_]U/].RR@Z#C9P62 M'=P(VS*%R/_\Y.!)9^=V+^_1[*8R.E-)Y+'P$$D" ,=H+QK3=0D>R^@C0#A>1%\)%$NMANO(H[AN) ^_?]P^_/,D>O?V\\E:^*WZ^8L^_ME _)+)$'B[8UOON-'`]A/)__] <'KR[E806O7SG8P9K] M_$6=ZKH$ROR0QZ-HIYK)Z,U5C7J9GAE M*M)"7Z".%C1CH/LAXQ%;AF7+BB MQ90^^4M4Y_C7!QHDX7AO,GQJ/A#; R9V3UV M7/@\4]8=7PPL!V". +G64>RH/,YJ@JW:A8M3%>/]@#.)3.%-20ODS\1PO)/B M===0LMPPL\,NX(S4\B@Y^_"SZ!R_BQQ\.#E_M.NC?/UQ9@"4RUJ7_I1T1 M(("]DV^BS2WKR1L\1 6'J4X.P#TRN$[<>0[*DYM(H'(\K &0-&!&;NJL$GEE M[)] 5(P6E1ZT:!R^5G"5J2= ?4J4RC[X0@+\N",(N!9?,YQ^^K8"?T#:CGG&#L-RJ M47^ ERUPS48V[S>P^@SW!Q>RJ9MJYCY%#;\PTFXTV E2'.XFD/MH9A,7!"= M*8+, H!;,2GI)/(.M214^RC+%@<@C0^1%\)%$NMANO(H[AN) ^_?]P^_/,D>O?V\\E:^*WZ^8L^_ME _)+)$'B[8UOON-'

*SB%8$0W2 M\!0>!96'*H"4]#/BKC7L!BR1+4AQ!<#PJ(>*:12++M0 ?+35%C/ M>B@%RNNA*GG%E^N<:T!RCl,ZEZZPTJSYF!H%\$:MLCCU";!> MTN"W&$@0V1?*
*!0_H(MCTI',>G@^.:;;3=A?#1?[:#Y>*8[&M2X$*8B):QRW MR MHG1N$>=45Q* N4D78$)X"QX+*=R<\ON^86EI>=QY2(55L2&Z5I?ZS'%7.U16 MID1(6U^/)(DVJ3?*
5Z@34%AF2$0VMD!)2X9$L/H.Z,6E)4HD[^>"W^1T\+Q@ MX?=3+BM/5A1=R#(Z%9EB7.R>4FJ931QlON%Q?_7G\8H=D3AMJ#%C7;G#%AR3 M'OA2&JB
SOY^S\/B16GNER"$F?!'0@=W&N 90"Xl'<@M*#,$V10/N\DG,&.1+2W!I6)ZL0+ACT[@ M-3^7ZU5/:?4?G[!H3>8P3.#K-'$[(.G.L2-/YNN =8,"5"HJ993
MH"RH^*0^8C>"J'1\4QOO($\!I!^ MDJ^=m\)O5K3&N!# M-%7RTL)X\>4#'KU:=P;_IXN!Z[?N;?_6_<ENVV#=C0:'&SMM*.# M;?=I[7?;O6'_R=5VVZ/1Z(2TWM?*
6;0^& ZSG?;VANVIHWSU[86'0H # LZ6 M7+UN]!J+#C4WC+OE'8LV[RH07>Q@3I=?GT'];9%WR$]^[&#+U5>[_GBOPB)] M? E:.=*[#Q ;W);_[!$W::_L;-U)>;) /UV4?*
QOOEDZ;KLT:FR194U_Z!3S M9$I5l8>;]+H>K*@>#_"W\>Q7'6QW3G/!-XV"Q%.{(@3%%UR/ MC\BW@^%7#<%#2>CKEC6=/67-DV#E7P2'!W>05'20R?Z'VW0VW1%!%$T9_¦;E
M;2X@8Q^6)>G/X0Q@%S07OF[;4Q5NW8$LM>#0,?UL$0$!> M$@ %0 &YI+65X,5(G>#(P,C0Q,C,Q+FAT;=;6,8 ;,-A# ^OE_!.5B;),L M%[!*3H B:8%@6ULT!8H|&FB1BKA21$I22;1?
*OR,E.4ML%Z:);UA")))X[_?< M'<5E84I^LBPH)B<_+7_V/'0FL[JDP|!.46PH0;5FXA)(E1_1I[749W*JE'L MLC H"}O^B359W:%VW7##*CIR2Y4J2YF1)V!5BY'C LL5LFH7A-M:.*
*[#?!Q,X_EL%L^FBQ4AT3@+Y_F?X0!8@;SET:;A]'A0,N$5U.I/QI$_FU0F MO6;$%$D8!+\,'.G),I?"@#X%_.UM*V93&%:7(_(*IF#{$-OC(?F1E52CM_0:?9 E%B^'&@OM::I8WA)]HC<%*
M$T&)>]QN/9H0!.X$[3T(^O#ZYN"K9A!<>2'=QW8R_0.0D_5,IE^2I5A.W?#-8-> M9<:N1$$0!@,;>'HW.7_5&N+3__^CK?Z>'Y0)H5H/477S(3="U>BC#[22*
MRGGWEEW(6F44G8O.1X>6YL7!/(]"!%26%1:->PK3(P1BWDA5HC#P?D6Y5$Y> M0[%"5!#;/&0;>8D'0ZYNLP.*2 M0K\I2Z;U-1C^EI) /42G!:,Y MR*
9=AEU1]"X'K%+5Y[KS;H@R!V.XJ6X1C!Z.D"&L8[!H,D\WP/+(")CO!8#6 M]IW K3"Q2?,XS4T2S,9"MWW%!(%B33Q+]$Q@/@R/>D>>7GUZ)U3AQ(_'-A ? M
*0Y=&>4UYPV46UEQ0^DUSA7]4C-%]8#4%B>Z]\8P/4B>Z]\8P/4J03PY%DT-RM,;6;5GL M*Z/#6+B(QP"M16KK9;^4QJ$ _^5H_VC(S?UAT1-\G.IB +EFVXQ%ZL<' 2N"M MRW8/'!!+F1-L6"E0U*
*M=U"1%55.L;7Z?OJQO+6U"[6F?UVT#RF((-7G/8*ZD(51XDG>.*TZ2_20G3 M%<=-PH1+G6-*N[&]DL;(,K&%[3>=BX<^"F=U%&C#=D%YQ MMR7UW99T9,CFVGCN+X+=RX$?*
*[EQ!)+$C9W)K-@1& QZ.!_'@7KR3J+I!X,8= MYD9T9/7TM1ZT4VT\2I6[WIOX.S1UP?B*GX'U.(H'R'F2Y-A>NS,UC[^'MW3,_9X!4MZ=N=[-/?*
*T5OZ$K56#7M8QBYCYK)O<.&_Y*ED9M$6Z;?O2./2FHW MYQ-%.;;PW#@$N6U5;IH%MRQX!?VJ-KM9=GV1[SO1Z;[M^<{G2O!`U!+ P04 M "]"B-4Q;E_B;7%8$!6$P %0*
*&YI+65X,S(R>#(P,C0Q,C,Q+FAT M;=58ZV_;-A# OK^"<[V 2Q;DBT_9"= D31 ,*MFF+|.% B%7&E2(VDXFA_M_8Z4Y+SLS.F:1X/ D'SONQ_OSESFIN!'RYQBI,#YGTY=$:6*
*MB23UT9*P2\3(88_Y09A$V60>S)T/$VRN3\=D7%"@AE)PRB@?P8]$ 7V1D:; MFM/#7L&$EU-K/QZ'@VE4FL6*$9/'@>__UG.L1\M,"@/V%,@WCXV:>\H,O3(>*
MYNQ"Q"ZD7B/:6N5=P88FB2\0#8KW?/>WL!0OPP7C=?SV"RNH1A_H"GV6!19O^OH1+[6FJ M6-8P:O8//9_/?>Z:ER>@AL:.L'"$+K)NKG"7.H%$X&!]?-#PK"X@=B/+ M> 9.;[B>0fZI>B'?*
CZDR+&,I-DP]*E2NL+@A9%; WDMGI_3U/K\9B^8^(NY M/T$R0R.GZ!RK! NJO8]7G-,H76HL)?3]G6HSFMPNSE^5AOS43Q[C>&.,9P*E M4H@F4K1B)G[RB3RNFK*5:(*F+;Q0E-*
:9%0U>1U%/1MGQ@CK%'&.#25 MM1.0_THQPR!.;+ AZ?Y7F6%Q0:#!%P;2V#L. Y230C5!.%05/;_K6^-^YUD=G M?72>XY6 ^ A56HH^: 4KAEU2] >#\#XIJAFQ/0]
(/A;=]:$'8W0@.%=8F(KZG&- MF3B<;L1!U\Q43-]>Q09ER"?#;7]Q*51 -1F.;B"\A_;,917G-9S% MHN06\M#H C?%5/4CDMM<:+!.%J]C$<-H6":)\.-#9Z!@WVU,B? M;"7[@V
*K[074!L%@,IOMI';H,M%D Q*N 4.'O5'O3H>(P_(*!9M6UGM9E^7S M]P>_F83CZ4*[SSLKQ!J3,3(>B-.W4?8>$_H?:6RA;9=+$$):HII78;3:PHQ_8HW+0\ MN>Z:,K;*
[UR(X@=99F>TBVRXFMMXDM9_-O=;0W:?]"U!+ P04 " "B-4Q: MQH/E&Z4. ?,@ %0 &YI+65X-#,R>#(P,C0Q,C,Q+FAT;=5;,W/;-A,] MOK\"FVZ;=$9B\(CC1]S,>!PU\,1U.K.SW?VT
*Y&0A)HD5)"4HOWU>^X%^) M MVXPVC#)XXO !@,;!G'ON!7(\RY/X]?%,R>CUWX[_WNV^-R8L$!7FK1*YBH2 M1:,3J?;@]4MFUZ'9]JU,S7UD]G>5BT!OLB=^-O=8+Z=*
*]G.H_5ZW*X&5XV-L,W=@#[R&B2'TP&DS"P?@_M>\,GZ(OVKE.6KV+UTY-$!]V9H@D<#0Z"WLs\;1H%MRO

WKERN7?@QZTB4TVT-O0&>^N$VMG;VC[!S4-I_':BG-8S(D M-#((HEZ ["=3M*[R3]6#:B<5=UF7OP2VN=SKE5UXB>5$]:9Q+"_]F"%DGFVI
M(@CIJE>2H34CEKJ>>;JU/0#!!]8V!.#*I1\#H'2%IRT V/7O)O22\'OJWW!W MS,E;)R.EX"[S6+E7ES_IZMG$\ZY']\U[U<+*P,8*?6Z-YR.*.?4$I=DSJ96
M*SFP^77I:E_RZ6FEVE5I'52;Z3CTS)/#',L)X)])1=8<^&DRIGI8?:\A?8Y-([NDE.PT9BFQ/5[FDM,B@ M(7_=["V?V]MIR)6BZ.5-'2=/!UP2];]]Z0F4++H!ORYG7R"#S-M8L-
:4M]Y\PA#@]T#^/C M ?XZP4>9IALXOG=+3-7)%%G):'.CCK6*1U[4SIUIFJ=FA-:H\[:X0J-H(YUMC0I ME+:LS5>O4K- :=39B M9RL633?4887:FA7*6YVI6J=FA=8ZVU;2V:JS?
>Q(LT)YJS--ZSS2K-!:9UMO M-Q/>5ITM*D>:%LI=GZG:I^:%UB[]6J'YU-FC78T M+92[/M.TSX[FA=9WS[ND%@NFV%U/Z%4=]7$4/X*3=5"%6*&^C>#WG7QU)FJ M?
2K$#!54G:E:ISK,4,^U@^F0D>O1)?$\8DX"C_K^6Z)64+^IFJLZ7%%I])NJ M_:K"O5F \@=FOBGL%!*&3BJW45"U515;I'W"GP+Q_ZR@MI92:JJ6J2"454:FI6JHZ M_-%2J3?4<;RY_4
YH)3M59UR/B*S95BU6(.2IH,ZKP7.%&*NJL*L0?%4F= MWI,SUY,*]5X]5!MI6/*ZA!.A5+G4U-.*O0- M4TY>^C%35H>;*NJQ(:#.UD$MI5E9'5:J4.I\:LI)A;YARLE+/V;*ZI!7A5TB
M#OKLP'_3L65U>*MBZ?.I,2^J'PI28=G>1Q__B6..-(M$_C/2_*338-I6BKO@7DR_YR8S%Y *_[NECZX]@-SQJL799^"5N&_FZ6@*S/D
MQY0O'9^T3OG,V4#Y$H4=TI$Z[[8HB80J'5D2.XP;[L)(_/F-#8/K.M;97P&; MX3V^S5=YK>_$.V6>S]DP\.$./_R,'$M6&I".X5!! VDNKZE)QS1LK8$SFYH@ M?U,U\-
>EXP6D%GV:J*]+E\5O+?]>.YVJY_#KTJ7X$@L^5<1+EXR_0_ @ !Z8 M.,W^Z?+[O@,_-:FG#GE8ERXO5D0)J5J"=/GIUDJXI0Y])$.;?H>_<(*ZZ'H> M?;-YB$26(%T^JX@24K4$]?/?
J\5,#%==^Q/*U3$!]7/?'4L_5>Q+F_<.?.)3 M(>W 8P[,K(/P%MZ+G,/U+/(_69<3T:?.+>CFE(\KY0B=DK3(4LPYITV?9M9"J+4B;1J_50OSEF?/ N.O@ M+8E]2SW?
#:,7M4R@*6U>+*GPTT1^4]I$]T7_L_SB;#2BIN]=C[JFZ0;P1&=\ M[O*^8[I3>D=^*K0>OREM#BN]&E*U!FESV5=B50MG8]-]H# G0SX+(>IY0&W% MY@!I2\H2"CY5Q*N7-
9_2&8B=BGEL;G)/%>]J9:XH]P$947_>-7WV .\KILM3=TJ8HP#,6VKE MJGF(.TUTM]3+3D\'ES?<'7.BS@:BEGK)YXZDG"J6UK YTQ M5E65*E"WU,LM\Q-\JHA7*
[>,OXSK&ZEZT7E8MYKRE7N*Y>X&GBG"U,L[EE]$^AS.83\=SU6+TMEJ)9XY2 M3Q/K;?7R3]S-UG4L\>DE<O:4>]@C">'+N^50A"U O2Y5* M%ZG:A7JY;"_P?'=*.7S,
<.0FC9R1.J%.6[U$-B>IHXIU-;-8L29/L>VT;373 MUEV).E54*Y"G7C R3+2A0W]R_5" Q2YM!5)6F62?*NX5R%[7R!Z%?#VZI5/W M@=C* /U(@:0U5V&GB>PC!7+5-
<*691EIJKA7(%656!6I6H4"F>H:54BRQR95 MHU @>Y57$ZG:A%H9K8@]1Z.0(O,&Q*;>8$(X^"1UL*]68IN3Q%/%N +Y[1.) M_W;Q[8^N]:__&.GMA?
T!WT.D<5=7"N0&8KA]13Q;H".>W3!4[$I[=T%#B6 M.@%,1X%L-B9OGRN4/]FT+M6 M!\W29IK?B(TUT,&$4O_"-<-NJ_AW L@XW3\C4I*&S][N:BR+WH?XZO?,N_^
M24MP"^1UPYE)\3OE2N0=:5/;[52_N4/3^E_1O[2)MC;]K.=3:3-^;?H[T;^T MW$,&IB^1QY66?,C*[*21?:,B+2,A'>13]#2-BK0,A9R03U7VTC(5&\J^))%= MJFY..J9D2YV7*:1+5?
&J$SDE,?94';SJ#$Z9C#U5Q:M.W:B5N#4JJO,E2F9L MJI,4JJ5JJK,3*N9H56EIB=Y(N#F97] ':J].NHN+^LXL\#UQ156=*4#:Y#D-/=34T8.TN6P: M>JBKHP=I)LDY'+'PFW
M$AM\9U%?<>ROO'*)8_6=!QINB SOD/7)\3G1%C5ITV6%=%??7'?U-'4G;8JM MD.YJF^NNEJ;NI$W+W]#=#Y_9[-^B5G?VC%_595*CDXZMF(I M_Z@%8C?P)RY_UHWB%+[U?
&;VL&LBGRO#8M159#%V)G0I9A85N8K=N:VL[$)5 MEN&<6A <.993+@F=62O[F,[JJJ*@G.'[IG=(1HXO:;F3M_"UYB2# MA+ZT2Y,7R*0E\>0"6%BL5P==
MRA8.2A>IJ8@N96L$N4^8VIV]"W#*U@MR!YSV<.\"G+*U@])$9TC8WHA^PU10 MM>ILPFHJ6R H37"F+KA:RE8!MKK?1!Z MRE802A/%
[7P72YI]L%O*%@Q*$[VIC2]EZP.Y3YW:I;T3=]G95#NYCV)/V6I"[MC3 M?N^CV%.VTE":2 [3A>4>EZYCK:RLA'__1JTQ/0^<+ XLRPIVRE8;2A/7%1%V
M1\I6''*?:;4#3!>)RI8EB]HGI(E'9VD6I(L#=;:=)%5S*%BA*%>V6215GRM8?2A.D%0-GRM8: MWHH M4/N$G8ZR9+D:/D)Q="C+=DOF*)8_4O)DAXYFH34T7H"&)HR+MQ4L6#IE
U1%Z%2+,B+=5Y3AC_ M@]@!_39?_/4WN"/AYF1^01^H_6133WQ1WYD%OB>NJ-9 -?6T\)&9$Y,(#LIR MGD40OK2\HGJVF.8$(A%"--
THESXTP:=H/2C%44/D#8A(2W6J5YS(J5:5*AR4Y3R+('QI>47U;%&>PE2J M"-%THUSZT 1?^M&4,F7BJK2T7BK^6OJPZ3WBN*3$"*W.>?TKX ZYOP%620N M]6Z16>3,&6OKV-
0Z:M(RFVE81ZTXUE$"*$K+HZ8!1?GS6PW%)10U19NN]G\, M[KB8J)&S_^X^4.[@&%(+'9A#'),1NP]:YP'>.N]#)U*%H[0,L80Q6R98T#&] M],Y"(G,M-%M?]IA:3V4?L@UI2QVD;-
M2%M94A2./9?/7 Y?;K7L4,,Q M@J.T92R==>BL0Q)G(9&Y2EOEU%F'GLIRMHU"UX#+GG5HV_B(;=2EK0 K!D?< MJW#I>D++WSQ4 MJ-_K]$.;1T[F(6V]7$%$_G"8#QC$[=+>96#
[;.!C:CQ^ZQC/CX-1V$/@!\16 MJG%SLZY"25KZ=&,[[>L$0W)W()%Y2EL5U[F%GJIV; LJE.1U(J%M81>V(&V]
M6T'XO:>#8XFAIT(Y66<,.F/8E2N0QS0;TE:S=;:@IZ@=VH$*-72=*6@[R-H. MI*U,*PB]?)/4E=:O%VR*[W)#N.]0[DW83"%,JE .5B)]^" D=$XAN>.0R&:E MK5'KO$)/:C(8B I5=)UP:
/)S4"DK6,KB,F5)%B#\OV@5*&@K%,1G8KD[SDD M,EH*]\Z%]'3FA06HD*!7B8B>T/(W#Q7*_#H)T>:1DWE(6U'/'Y%O M;OA?GHFMCKX+72
N4!RK4KJCLCU(6P_6T7/QP:="W5?'I@4%G[3UR_SUO74N M,IA G)'^?32=>C\DO![ZN\F$^FYTRG,\3:UU-H2TE2A."A]Y+4] G0\+K%+ MD,<\6])6)G5J'=N""C51':9K6]B%+4A,;500?
LD]'3O=0ZXL^E0HYNFD M02<-._0($EFGM+5$G3/HB6JWIE#H,FN94P9M"MN:@K055@71EU_;*67AIT*- M5:<,.F78I4N0R#REK4+KG$%/53NV!15*XCHT+:P
UMH2UM_5@Q^RQ\-=WDJ MM]+84Z'>JU,&G3+LS!](9)O2UI]UOJ GJ5T:@@JE<)TL:$/(W! *774N4)BR MN^!5(G 6N@XL?[@B$1*D+8.68[Z6" G25B3?
$OZU/Z'\QL6V&_&%B;!&AO@I MUQ4:*I[,U%:A_J8$UU7V0S0+ZQPD,M9"%PAW%DT6%JGEG<:.I"T7*A5=:\LH MGF5(6\PL!ACU0;!;H5&%\IU.-W2ZH1?GHK46NL:H\PT]D;W?-
I===0)AS:- M]YN&M#5/]=&8X_H0):&H0M%5IQLZW= +>X^DK8KK7"-_G)9X"E.A0*\3#6T7 MN[8+:6OAZD-1M\9\#R([*M2@E4@V]+;!(GL)B2Q6VMJXSCFD@&K))S05BO4Z
M]=#FD9-Y2%L=+P8B=:?-;0&I0DU:)R Z GDQ *E;=FZ-2!4JU3K]T.E'SEY"(HN5MH:N\P\IH%KJ":U5 M4:&@KQ,0;1XYF4>AJ^?%#G1*V(NQ52ET.5O):$YT&],[]QMU[RKTKJA
N"EV_TQ'0CCG!\MA-H2M[2D9B&J3/0"IM@:VT M$:$&Z3.02EMS*P8NNJ;) VKUG0?J^?B.?<=TI_24/:",5"+K"EWJT:&J[*%J M80RI6NBBD(Y="XK:0M=J=#!;4-
06NF)3K74=ZRWH2J2,0E=(4HL@RUA9K4I; M']';8+-7OK1%$*W\I?)!P=P_A3&'ZJ]4X;^+^RR^6^C16EZZ@I3XF_7K M($A^:@@6%H(U:5EFO;
^\UBI)BU9JY4OF9N0CB"5,%C2&,P6@]+QPA)&2QJ# MV6*P& 3T4J$_L7R'1;MT&P 4,EHJ!O]<;-U+X22*0S_??@,B=2CW)FRFD"5+RQ&_M2[D)OR!+(M XA_UB#?)5/OU-+4O M'?
$KY?H"#<4=0%$Z EC)-9X:BA^'8EU:(EBIA9L:BBE 45I:6C'MYU8^BR\(M\X8='1*:*@2EX[MUC*CM(4=[D(Y[UX&JMH<<[4':.H".EK4]Y& /TM9&%(-@ M_*,?
@SLNMNH@Z_[=?:#RZ?N1R^/*5#?V- :#B&<&P4NEY9]A!?V\:' M;$/: JH.\;5MY&P;A:[LECW$U[;Q(=N0MLJK&!RQD'3I@5NG9;YO!(R1_S:/-(P#VEKQ?DC M\LT=T7KD/GEX3?
4W\W87_/G4Z9,[:H=8R_G:ARUX%BOJT+61O"](6 MN'00JFUAQ[90Z-):@6)B;0O9VX*T=30%X9?+6;=*HZ_09:HR1^C:%+8U!6E+ M4CI UZ:P6U,H=+6NS/&Y-
H5M34':VJ&"Z,NO"8ZJ\#LJ=/6PS/&YMH6M;4': M8J8.T+4M[-@6"EU9+7.$KFUA:UN0MK*J&/R6/QKN\JA9I;%7Z$IF6>-S;0C; M&X*T94P=G&M#V*4A%+JB6M;
(7!O"]H90Z'JJ_*&11$@H=#E1_MA (B1(6TTK MQ^0H#Q(ZTA:VWA+^M3^A_,;%)@#QA8D80H9@)=="OXK'C70*75G:6:BB+:-X MEE'H.M/.0C=M&
<6S#&FK3DJ%LMHRBF<9TM;$B@%&?93@5F@L=&%*Q_;:--YO M&H4N5>G@7IO&^TVCT,4K'=UKTWB_:4A;S5,?C3DN,U 2BH4N)^K87MO%N^RB
M79&VN*H#>VT7.=I%H>N\.JK7=O%.NY"VRJL^%'57O'AJZ)*AA82@4/:FF!I)U:)P"%M M?:X8@><_A50QYR_()[$I=XM;KCDS!EK0_JP(16ZW*%CUX*BMM!5"!W,
M%A2UA2Z/5&M=QWH+NA(I0]IRA-Z?EKWRI2TW:.4OE0*YOXIC#E4?Z4*_UW< M9_'=0H_6\M(5I,3?O \ITA8@]-+VS+V$M+R^UKU43J(N';?N?D-B-2AW)NPF4*6+"U'_%;Q
M_R;\P:YW#=52%'Y#.MY5O5UI#.A)21F-8F5<:F\\KC13GE8:T7)VTFLHI M FA(2ZQ)[N.D,#/IN"X5E9>7Y4E'$NU\N9Z27CNKX$9:OD8].!0T_)66U;FE MX\ FOLOG%XP,F8T9>*
(JSJGICAWV;\C!PU]&D@=(O*RI'GR8;9[>2%,WTA(I M:NHF30ZE43X.Y9UO@$PG<\:X@B5XPL'^<"S*1_] 6N5,8PF\IR."55?IJ6 MWRP?892^\J\?
U#3\\E%02NL^5;M7EM3*C7ZL;4Z"U%(D09J:P5)8>9DS6-NY MD,I!I7E0[:3C0J2E8[J/A%O/\7A+ 8K,% O07?,>UZ)[MX,?:4T9XJD(E<3& M:1!Y57Q>3':]*2W?(A4$*KN
0$X4CUP^)8Y)!Q/"W]SSIJKG48T] MV;5>\LJ85*,T=JV7G*BFEFH\PZ[UDA/_TY:.8IE&7%V?W0Q2 M35,^KOX/ID6UAEH45LU"B-U?:8#4T6CG[9T7,?;ZKBE-O'9 [US?6(+#$Q<
MVZ+\EOH!?VOQAW3P*Y@[D8YET7A:P5.]P(7PMG0D4CE#H*PPEI7/4HT**V@(ME%-"VY:.F--3EM+N1#I"4>-I]R%07LY,.M94@V\%?#7%G)ET;&\Y0^H=P";-
MZO*1@F2T=D,%J80<%9W2ELC.I:./I1)UFC/QD73,:KZK$K]S$"6EZW:#"LU^ M(Q[VTIP+)||Y]I3&OUZY#IW.;'=.J3JJEY+7O(!)E"[5CA]=CT;,?$NN;][\
MW7WH%:6MCZ3C'W>NWHU:O*NJ7BGYQ37J/;)T,& MZUC#^07U?$BJM@WHEG2E!.F)% M/CUEY9VD(SWD$[T445/F!,H[! % /-K05R0O_9@@,N<0WB&(YD&ML:$@DI=^
M3!#2I=&+@"T8>O2O 'YT]@!_K(GH5B_(V&*;:+'5YB;Z>7+I1_1S5,D\SWT' M4#N;6VPG)8L]JLB;\$D'U!IXR@V!FKST8_J1+C%$#N3Z,3I,;;%>K'\SZ%W_ MYMK87=CK]]-@7NZ8;T-
$T7:<^=SEP'Z%H'L?&LCK[S M0#T??_^=, =#[TQU4DT3]=(FC^_222S_<^Y.3ZG'Q@Y^<%4N7-ZV7WDS*HKRI=>5LAIYK-08='57D9"#7]9%9ZDHZ)4,;U9:41
MZ2@%A;R9!/N,CZK%8BSR=WU2*+5 E$>>(6)>ZBL0$Y)GB)@F=UXM%A>2OY_, M2D\%HCSR"Q%3U4B!^(I\0\1\EA8=U8K%6.3O^J10:H$HCSQ#Q+S4)RT3<@K# M>!#]5_HP:_
?W[+O/M5[?5A-!R\YRU(+\MJ)8T.R+;FO^CFB8\U-"3YC!D MTXATM 0N'^NYCN?:S!([,?N@F"=JN(8Q$MP-, AOFUI#+M%F##O3<'\N=OP2 M4VP&_39/?K/Z,E!H-
THU!&J[[+#Q$I:.H"@Y157$B'7&F'$YN]62;)4+KTC&#&J%ZIDW@4SJ2 ML\CX5!4DTE&IN8)$3V]+9$A'W\J.C)),*I)1R%G@0E7E2,<;RVZTNW#G&5'2
M=4U)2^>ALU)U*8A=B>2M64IUB?2=1^@YK92N:XI479#N.%G(":(-S9&J5>W) M"R>:JU242R_+9-O01*FB""W)3*OI6H6J/7F!I!3WH$,31SK:64=+DK!
M,:NJG%*PPJJY\XQV$C>BL5%T*8E2O)4O9< M/G-!XO3*=2*19SS-Y;2%M:4D.2A:ND:W/+/9E#GBRH*J2$EV;"<6E-%^Q):2 M?,_N?59."[%:2C(M^?
BLO%2D).6Q:Y^5YJJ:EI)DPNY]5DYT0DM).B$?GY63 MBMI*D@"[]EEIYH9MZ7+QS4Z60 (D>:K$X)',!M3W;6H5,P5I2Y?$RZZHG.*N MMG3IO.R*RFNRD2ZICQ7U![$#,=ET;=M])
(Y)O:YCW5*/\@?JW54A WUP)"U]H(O2]6 "D8/[#B.R\M\"L8D MY!/'Y:4\32=\Q/M5T_1^!:,3=AX^Y$1J'VGV01(#*ABAL./P(2?SZ4C')%#3 M.NX[%GM@5D#LI68&$_+H@-
XH]XJZZK8C'9OPDC(NF3DAU/Z=>L1A!65(.](1 M"CF91D;<64>ZQ#\OM']"

@6 +4=*W$_F,3LUU:(,\70(C("=*YZ&\GI1Q+1X.N>Z(M0H'1)HG/R=TQ(NILV4 K:5X@5&D)&K//LM1_;U]GA1DAZJSP;:! M0%_2/5:!Z\OBVZ>G0@*&2;R'V?
#J!B\5!DGE[TAX.1R/,XM0R-9QWH97L M!QE1<.]4)3BT3_FK&-&X;=URH)V]M:MK[)8M;"XV^?ACC>;$DX-G:L5O'!!T M[X'<.7MQ<9!7IJ<-]I\-=F>GJ;YR>C@]J +_MN'R">W!&]
[#MYJ3T"22L.$' M2[:DK$4#<..502H4:;7) /DC<\N<9G].<]^<9CSG/+XR*[9Q,*03))WQY5;2 M^"RF0;7YP:\ )9P&9#\.."3^7W< 9,6L(5)+%"&-+8E_S@6I.H'4 C45%-T>
ML!\B#D9$OLZB)HEW \0U9*!]@-T00\]B9I^FH&@XY(HDJ>TEF7^#?/J=>#7X M3:O.](C=E->$/Y$!D6=J!T %:TUK;UE(-=G/'!<+(CEUFN1?OWY"#AUD*_!V MMJ\[#A5V-
!&VH>SJ!8:'>Q+?4&GG9_ M:VV[EX5GOA&G0Z4MW0]>!MMTHHS!%1:_,:48+545T=11Q8@VY@$%*F) 0)+P M]I94Y/"\Z=_PLKB:C^;?AE^/>/Y'\|?A
OF>/P;!$PLP4O^E:T+PL$6U%#Q& M+6+-R>15L4G %'PP/(?N%/\BH@&.1ZCS8<^Q;D#,I.XR!= M0>[,;\@?[!$H.I:9K>TA=)RE_#N3M&T&OT-@K_EKS0-
1]'F#5#J'4JRG("PM/)7/E3$8S*W&TL0$VQE7'&FGY&V8TT0D7+BX% M[&+_:_#DO#0*%1W+\8+6[PC'9J-E*HC8/HHCH3P9[*V3=-Q]"\.0F0<&,"8!
MY:J:#DA.1CX\6YR:RX?)+Q):5AT'BIFO-LZZGP"_@ZE.!O,$]Q)^TKC'(=[\ M9(^RUG%=P>9UW,70*\4C5T=*R$<.0--YXU+!41+[M (-)\BP@-)0C(D5=@'UJ"I@@%VMO**]YP&T=Z3-
S(5*!$?06[(.X,7B&P$.6E MQ2U(H-TM& +A/.@X9HTY9P>=MQ^=JUA+D\]X19.U*TX%7_!^3_J$1PYK[A]V MSH'Q9!/'"*KPN9MLGGI= ,"X=0^V#)Y&EAI3Y+-$:-I=2& MKT,J]34-
QQD-3FBD?CV&@W'J3;P.X&?,A],QLO12B6\"9FXH06& MUCY/J(MC:^#++++VARR#I#ES=CE-N8;O<&VM!C2GA$%A+S_C#E/TGC^R<6V
M=^C%6$IK,9E(:__RP/F47E+$CHRPEXZRN*@F7F@()!+:URF@8-/C+4Y4< MO.J&GB%EZ'Q,)8>7[ZWH,9:6 2!X+[QDD.%U!W!0WP_)B2Z8I+RDZIPKK$
M4NU>/H^%@_VK@S#//DQN\D)*^X]@H?V:Y%,KW&:4"O1PZJ_L8%/= MLY>#)5RM?A_$N!27C2%W9E)^#P_T(^WS)0 /6S(]JH:]TQ$OYZ8(D%"5Y1X6 MRZ@3?/L0FRXQ<@@A-
"Y(?36:BZ$]8L]>;G-(F'77&*8KV#4M$$MTP6])ELPT M&EM+-+V;Q^1(I621Y]C^00R/>UK/OF&72B>K-A80K?*-6YU%X7GEKN6L0\WTL7#UGOT).W6H&4@L6YY
M2R1B1J%F+UN2Y;*9J>*+3!1,)"\#@>9?'^?-E%@"KGR;KO0'L'*& MNA-"%ZYN$9>"C\HHEZ]>&RUD\LA'X8G@9JBWRN^.O9>;ZV^U9RY& 4:3\Y--@CSOMB2W9D1*$%\5'(]0O,I];5
M4&!SAY-Y,T0\:>#,+T,-< %T"R P+WYDEDWN_G%2RN)Q]NC),3PD[IS/3S_" MGA>ASY<$NM)\#*,PH>*1]$UJWIZ:O+YZ>WWYY@N?]&4...+ZGX]=$4TH9OR9
MN0\.G&4:0D8$1=,L<49W#N8[-/W@/1%X$"Q3;^[9X=;:G0KABP]$)(70'!$) MP./6!9FM=J7>WYME\5KQB81J$F"/GG.9SVGNG].-YM1V,QC]&,]D9RLPCNQY M?
M7;%;/0HO'92[/5(LXFW;&!D)VI1QWJJ9C#29OQM&ZY?.#OR)QOD&F2_) Z MV+\%D\RIHM3:U-%X=Z$?IT W=L3P *:%9F_P)T/?)EAZEO5;BUC3Q_=7(U47 MWQA
C#948@#*81UW_L?U!M=^GC:#!XF*&-,-"-9NZDKZ@Z-Q_YV<7D]1G&:; MLZ;1+T&4_6 V6[3B9,D*OT4C #L7_*>&_N[JMM6L_FQ?>ZKX.KDOCRWD GK M]CT>;3T9+2>]'/M-
NLD'==2L*\6QJ-WK_,QV'*:#NIE:HL\.MRWO5N]K_Y[@ M)?:K7T V[FTC.G[LY<&QY:A(5IH'*TB B)$]5WOD/$BUDCQC>*W0^*^KI%D, MKBVJI$_/GD15X)02F\C1>+ZPM33 :-
VF&Q7^CRDQYUU-,Q)X2?V*Y][R,2&1 M&/O!;K:AS4F+X"D(T-_RHGY>OE$FFXG8E3&UQ,Z^U 3S9/ MS=42;6K*&@$_/AY'3IS$D?QC8^J--$O#\8&91.6 !&K1U"OM2' A,[G[' :\
MARK:Q'+HM>M,-L1L8*21*N@ UG@Z:&TO39D)Z//$#_NZ %J=H0 M^_VC_S[9??Q,TJ2QN/1NH?PYD0&XYUQ-RL!K@B8$=)AK$9J?4G_O9)O2/& M3G7Y>?%2\D+(X\[V5STJ13
5XFD_.?U;N'WU[C+EL6895,$P<(8ZK@Q#:['I MW:B\$!*)TP(5J=\O60=O /[ZCI,58JM0?9 R]GY)?[??C'.@'%-EC6%(>NR^ M*/7Q/<%':T&-3'E/,<]BZ(.$!G_]C"#&SV.ZZU&THIAI;:
<\XT)J[3!VK9) MP=3<;'$8@8.&+%=0U96V808;S*91J?4INQ6:X1YLS'ON=D5^TOO1JG,>?>+2 M[]D];63:LPOHX^*_Z'':33CQTX(1F6!Z!04NP%'%*WK5A33
MR#/<^?)9Q.SF%AG;\F.U&PHE04Q%_GHISL,A^Y7ZW\|.=ZF_:&_JSK5:NGN1 MVB6F3=;G#A9\TV[0_F-)K>Q JQV]C\"DTNIWDK!1AT/6WC%JB!;$2RT%^?O: MWS1JB]!N
:UDLLA)M3_/(>I(M 8*@GLOQ7!/%053J\UMS&UHM8PMCK-D!GM;KMN4 $U3H;/L M 0):?.9 %R^=1?D)VXWA%E306I@%"D52>;1:*UK Y[NG7@.^*QN3SZAP%Y,<:03H0>G_T@+>?
0 MIYM9LX;O/;-]!!MW>Q],GWH84H'H?KC9U_C\W&!&4F9G1R65,XI+N'V ;D00 M>I.!V(GDOOAA=-#(!ET"Z,.Y%+I_&4Z>ERF:^=0Z8#J*<';XF,"+#V7M-;:8
M!/_C7P^G3#V?/.&3\RRY,-UBVN0H$-)+*^Q'J^?C;_ELC@M-^)IWC^ZEE3G$ M>6CL32W.[($A\|-GJ?&\"P>!HFGV(XV(+J@+?:XQ4C$?()]Y&DU]D%%)3UMH M;#Q@=3+6Y^-
ZD[3@?K=5'YJ7?5\M8B:G;VK/T-^M<&P)X,O)S>Q852+-!?]> MH@7Y7)6UZI7%&NFK9KL..!>KFFT,\D#UOZFAM%9"F'@OC1[))@.*!/[Z>#?
M29%UIS].,O/8F!&R\;P!LV)0=>PQHT.?VDF][>>'^\LOV+O!F'HVOOAWDJ@I M??HSX^WZ4_% OD)7Y@O=<[2?HO&-H^$H:$R%C-"IR_9[LVW<'0-7:$ =*\DB
M+QIRU3ZB94R;\2$\SB?Q&0@=?R:7Y+$0/,=>H 7#ZM*RPXN'2?>PGY4>P-=-5]C':Y"EFHQ.O=5O9C7R]*3;X-^2=-?&DSBQDZX*Q$VCI!I;Y M2PP9C#J!SZU0.W
>DYP38H%^:T=/$0+]4@M$[<5="J@B6##!QV"DCX3X\]1& M=WZXW^VM?D'L9]('@\^;@*Y)V?R,<5@F.61!KEBZCAY(4H]=VR[I^7;HMDZ2 MI21Y_-
$7R4D/AH_ZR4F;X%I(GG,IPL$=_SV7W'!@1]O:9MK7-BI>$OCHZ)R! MR4C-TN.3P_Y/V$4>9./:NH?EA0G+/O\E?7(B,C52Q'LWL>4DG22":%/=H2@[
M=+IWY%0/G(:OW:0CI^'@6TS2C- MPY+DLT.DI.,)X!/)"I!328G8K]$%K%*1G;%Q*+!%''DN7/[\O.QY:M$[/]Q+ MQY]?
B$7#7R"T%#XPG0H64WC\>$16;RYZYX[YJ0^X>33$HFCS#7+1>?HM:@(MIU8% B[LS?ZGH^)';=1"J97&:9I.IXP'_8BWQ MZ_P7^6"A)I:9'Z%HP\8["I,_2YUY!7ZS1@&;O+*
M<79#Y\YW58?Z2;["YHNK*^T?=$A?TI9V7 /GIV;<\8DG MXA01&O(7D9EB5&YM9'QE2RUEQO/YN;51EX)(^8*8M7)187:SG8Y4\:SJ< 2^-;*8GEWRG1)8B/$WO>"QBZ=?)!,EK]?
D@Z>^K]^ M_<)GIV%BHT?>KSKN0<8O$BAZ+4/LWEV.Q#V+'QC/52T;%O5&#-60K=E6/QF-9'*5@1Z?-4\J) M:PJ\XPHF@/>%8Z-5G+SDQL=/_30"H92J3*8*_;B=
('T405RTK,TFG4&7#[[M MH(9 RC9^$)2E-&O!R)-/*7YVVH(A;E4L\JOM#YNZ5ZL:\5XY;LE#RMO9/XW7 M^0FB%L[MOYTLWN=FI^-6M/'"WW*M=\T
0NKWY)5#]]D)/%QTB/HBHG)E9> M1T?XEH$EV&"E+K1HC,IA]^S#;F5C;'[&S+B?F3M'$$Y^F#@2?/+GTAP/LZ\E M;VRWXF]">VG)D \GQZM%^.
[TA7QM.3TN'ZU^Q2=3D9=;TJNG\V^>G$A72?C1 MNRU_>WGA^MYM^$]\GM9V>.)C#]Y"/H#$\2O<3_[+U!+ P04 " "B-4Q: MZ&I#$?P(#B'@ &0 'AL+W=OTF
)+V[9;A>@Z2W8ACV RW1-EM9\I%2W-Q?O\^C M+%FV9;?;W8IMV"^V2)'O^_N\1^IB7>B/9B%ER3XML]Q<#A9EN7HU&IED(9?" M#
(N5S/%F5NBE*#'4\Y%9:2E2NVF9C;CK1J.E4/G@ZL+.W>NKBZ(J,Y7+>\U, MM5P*_7PCLV)].? &S<2#FB]*FAA=7:S$7#[*\I?5O<9HU%))U5+F1A4YTW)V M.;CV7MU$M-XN^(N2:]-
Y9J3)M"@^TN NO1RX))#,9%(2!8&_)WDKLXP(08Q? M-S0'+4O:V'UNJ/]@=8V0#WVS@5NZ:D97RM2C%U84N
MUDS3:E"C!ZNJW0WA5$Y.>2PUWBKL*Z\>Y)/,*\D>9%+,W]/S/Z#O3Q9+=0E:-N(#-RP6[M=:6FOWM>FKL_-_[+%#3#_KI
M4PZ],BN1R,L!DL1(_20'5]]^XT7N=R>D#UKI@U/4KUXK(^9S+>?".JJ8L8T^ M?8*>)O5N(5EI_Y39\W 0D3)9DPAI4%,W*.%"V; M/0X3AJV18_2/UYMI0_E+B2A3!DHE>#^6HI2TU9
:\(0I,I4*6G&7)V#RBOU5 M"ET'$D,8R.44C)M08&E5@()G(4_868FCVKBA%QGZ$N#!NJ=6TLLH^2*-22*?P\@7SG-CWAS&>0M\; M!OC_]IN8>_P[/'''C\(A!_$E+)/0AC!VAS[S)A-,-
PO'X\DPA&II5RPR L" MO,:LVZ[AW,?4V]GLI7DVL X+^#!JWS;_=O+]HH#K!+SE=9@T_S3W1ID$CA"Y M+"K#SKQSQB.2*H3\+2EO.&:/U;2T1B!=(AY;_6(>0K"NGKX3A#[>?
4]^U"IA M/\I\8UEKSOMB#7.^EAE05C_O&7!+)@HFPTG/3,=\S:N(NQU9ZU"@*T2L+.W M-]J:IYGW8RB_,[BOIAG4N*[*1:%5^=R^C3ODZ/G0DJV=?=AO9] QYE9#A \G M[_?-
U?'78L]#DS!G_+QU!_[# &N;W:'#8PZ;U1&\W>*?LW& ,)U$6.QB@3?F MB(2:Q28/\OEV SE\[%+,V:?0LRYWK7]"N#N$\J3N];*H*%%5GF05I2-RKR_C MA)9LI16JN\J>D?*936? !(Y!V?

#S +O(,)2)@N1*[,T-G9H(9M):8:]O XS M^2BG!KN -U6>&H>M:B]KN1)*U]Q6&CV-+FE?#LN *1F[=4%#0FPDD9^L)!"D ME'H/[[#W44KV(]0P8G@E6@:-F ^!'J)(O
MO]3L^X8@.ZREL,&1$_-,_;;)T_0#M+2LMA[X4IO_3C8.>W/W^)8MT2ZIET\B MJ\B#Q0> 2>T5W:W,>9&__%!I95)ENS?$+RIR;I:J-ARJCT0S>JI$^%^]1/"Q MS?'(WX=.
[@01Q[MNB9C$2#,>=.$_#L:8ZY8(GU['XYT2$6'4*1&1VU,B[&2W M1!PNH;E#8/,)X3W"D!9/8\!#BVI HHA08A*'G36^$P41QO]":6@A+?:A^^ZH MIR2$XRXXUZ.^D@
8]/9&/26!=PQK!T=+@N=UX-<.CA<%[G6JEAVTYFLI ':] M#O-F?*H8O&B-;Y_BR/8CVR +'1_Q$_<6!2H6UJ0N%GCA&+X_711\WQ8!/(U= M5+47=B/Q"%WJ'_[+BD)+R3G ?
N>P8A#O+8+]SU6']"N5!\OGZT(^_]J0/_%B MVSQ%$V^OO4.&NA-D3@?#(MN,\6C<@8<)$#[:A?P0E.*P U^<$YIW(-^;\ Y6 MMAAB9[FOP/ZI,TDJ#7U'!>MZ&X#'S@NFDCO]YX,
M0B@0],STEH$N>M:CGC(0[A3'<*\J=OKV<'=PO QTC>KU6[-Y?88R>C@\ MNH%Z1U3K&\|'J9]4 M]?S[6TMU),DL4M52P'Z:3(\|U-LKTM) H61N =>GX# MN42RJ" VEW[AR9NZ-
N2NDZ16^0%U3SW1Y5W?O=]):OT7E'09 M2/?\E/5DN20K##U/!9"-[(EDVWD-]R-C532_IF*LNR_JG,V:0AF>5G[J6PN M'^N[QR%[+]E"I/],VJ>JYE*!'R0-
/>SM<\9F&5*3%4&KX%Y6MFVD8@A_%21 M(BC25-5!DST[B&Y0?9(@6U*85)H<*O+G/2:FM'>5Q;04D U,9E4V0Q/1\J=, MVVTL3KC$83=8!T9G&67XQL:?V_-+/NW==5-
[@*Y3X8/#,RZJ[WAB8=_WJ:T_ MO3Y@(:?6(G#IX'0B-J,V-J.3L?F#RL&N+A9;9:XS.-6*0?%Q"ZNKDOU4&-,7 MKB<9](?K-=-
%1E^DUD*GI&=1:29VF"8U4\2Q(4@_8@V*]0.;GHK7S67YJS^X MT=SUVI]%7@DT2HV4+Z@YLQ6W+L'U68Q3NW=+,8T@KN.?4/5)&71&[?:5WAA"?2Y$7[")5=#S]_I,3DW+
MUS.\7UOU]\MM\OKK[]O8!(8 M@V5RAJWN<(PJINLOJO6@+%;V*^:T* &C]G$A12HU+0BI9T)WM1D0@_:S]M4_ M %!+ P04 " "B-4Q:5L\|\:5P# !E!P &0 'AL+W=OT644E47R2)
MRTNLA(M-C9I7ML96@GAJ=XFK+8HB@"J5I,/A-*F$U-%R'FQKNYR;AI34N+;@ MFJH2]G&%RNP7T2@Z&+[(74G>D"SGM=CA+=*_]=KR+.E9"EFA=M)HL+A=1)>C
MB]78^P>'>XE[=S0&G\G&F!]^ M>#P^L+\/N7,N&^'PRJBOLJ!R$^DV$$ M>>/(5!V8%512MW_QJZO#$6#V.T#: =*@NPT45+X3))9S:_9@O3>S^4%(-:!9 MG-
1^4V[)\JID'"WOA95BHQ!N-*%%1W"M29)$!V=W?L$-Y@EQ(.^>Y!WIJB5- M?T,Z2N&CT50Z)BNP>$Z0L,)>9GJ0N4I/,K[#/(9L= [I,!V?X,OZM+/ E_UY MVM\N-XXLGY;O+R7>THY?
IO4WZ,+5(L=%Q%?$H7W :/GZU6@Z?'M"]+@7/3[% M?DKTI7-(#H0NX!_VD2J87TK@=(C/C84KHYU1LA"$!:R$$CI'N/4GS('4N6IX M2X%*A*U1?*>EWH%X"J^>PGNSR67@V4LJX?
[FVL5P)C6?9*7X4KH!\,YBM4$; M=O?9Y!.WI+7E]F/I\1S6K(-"A.N?C:RY+Q#\!:/S+,WB63N:_LVCJ\9:O]9) MFD[B(4RS> IWAH0ZF,]&@[-TX$&S&8-&Y^,LB\
<]^#B)21:_@>DLSMHB+9S[C(<=X_6J6CM*WG9[C2)THSF62 MLB/_TS&K9S/<<;D[Z68+*/)03-82CME3NKPH(#_>0.]&I2#(A88-0N/8:+1Z M!#+ &%+/-3*#WUNFK3%TS/_1Q4%-
;K&09&R/.,ZD,_G]AL* -@2E>/"LN6DL M5X5C>X<=:K1^E:(!N8,2;%D71!UH:6\12I$)2Z_7?=TC)BK?=&,V#1%*<.3QSXVA^4/K1
ME(@6GBLAS2(HK:UG463R$BMF0E6CI)V=TA6SM-3[R-0:6>&5*A&E<3R**L9E ML)S[;VN]G*O&"BYQK<$T5<7T\1J%.BR")#A]^,SWI74?
HN6\9GO=K)ERPS>*/$'+VRY""'8!%+ACC;"?U>%7 M[.P9.KQ<">/?<&AEAW$ >6.LJCIE8E!QV8[LN?/#F<+D>PIHY!ZWNU!GN4M MLVPYU^H VDD3FIMX4[TVD>/2!65C-
>URTK/+.Z8EEWL#:]2P*9E&>/? M@+- M^WEDZ0 G%N4=V'4+EGX'+$GA7DE;&KB3!18O 2)BUM-+3_2NTXN(MYB',$BN M((W3[+>H#=WX/$&_]_,3K M!CR4"#LEJ%[I1+
N&\#O2FO TF;.1-X(YLN*N*G&5T;'I6BYP-UZ,X,_D>DV M&8!"B=66V+MPON.2LED(0C!7@,\YUA9JVC0^)JQ2#1WVWH?=O0;NE<*GID+- MK-(S^$07UD>9JPIA]
<2X\"RM@AM5543+NZA4HD!MX"<8#Z;AF,;1*/'C.)N& M,?R&QLQ.*(P,SIEC3B@UTY;GO"8;R04&\T9SR]% $HX@IN?MFTF:I!]^B,;/ M7<0/9&S]Q3N%LJ'QE"TK;$4:.>8DT79, M3R)
(1 M06;QF-Z]&;6RE#>)P"@-2W[3\G3QQ)TEQ!&Y,XSW64(YJP*H6ZH@(=._FCU 3D/'Z M,66-&SL,>JSFN?/D1<4!/1D]0U@]W .UD0/3!;"]1JQ\-9VG4DQVGEQ^'KWS
MN&7#$44IR\;$)Y](W7.I#IMNTW_M>_5J[9%?1-O&_T]TWM.[A&X(U7R[# W3;/ M=F%5[1O65EEJ?WY:TO\&:B=_^SM%.=4MW ']'\SR'U!+ P04 " "B-4Q: MXVHFN"0$!Q"0 &0
'AL+W=OZ#209BK6.GM@.[]^MO;(= M]P5IOT"AN;2B/+O5$IXC1)+N*2<1E-Q_[=4D_'JK:"2UQJ,'59,OUXC4+M)U$O.KRX MX]O"NA?Q=%RQ+:[0?
JN6FDYQBY+S$J7A2H+&S22:]:ZN!T[?*_S%<6].GL%% MLE;JWAT^YY,H<8108&8= J._'/A_0/_G8*98U,SA7 MXCO/;3&)1A'DN&&UL'=J_P*LP;@.@"DKP#T4KA5TA8&%C+'_&> F-
BTE-(# MI>OT+.(-9EWH]SJ0)NG@#%Z_#;'O\?KG0_QGMC964Q?\^U*0 6+P,H2;C"M3 ML0PG$;6^0;W#:/K^7>\B^7B&X* E.#B'/EW1I.6U0% ;6%F5W:"&0._MPY*Z%+5^FMG
^CQN$_@WR6ENX:L$RBR6:]00DMOOP!Z!&U-C#OU^9_1AU!GU M+\$4C()T;%2M(5-E2>-C/+&::JS!%@A5K;."QH'DTJ?5*59*HK3.TJG,E:Z4
M9A8/%&8>]#D+9%D!A1(.FQ2>V,&>&1HT+(FE55"P'0*K:3"8Y1D3XI&$@D9; M!WEMO'.-@A!R6*'F%,P<;IG,F56:4JLD:5M.'7],;Y-Y6S!+6=%X#,>\$@]P
M"9M:"#!$Q&Q8N&9(U]1M.._?C=+>Y4>"6 N^94[#G"3Q0/)9,CM ;(&"@]%% MVADFR4E1WAB1#T:CK;4,"7*.C66V]FB4R4)I_A_)UK4E;DT_5"V,KWP'*J9A MQT3MV_27I)OTH*
(P/"]J)$XP9)^CX5O)PHUKG#OCZ7;A.\).B5I:IGE3,^-B M?RFS&ZU*+_A"U_K?=*TWL2P>*$UR2Q2>-W,7[AQCY_*+(J1A!Z(%TY++K8$E M"5:>:02TR8#E.7<4HIYTJ?9WZ&I$
MAR=FGV76),L9NK1[:BO,J,:T5L,ETBA[R>%P0\VVIQ0X;]@XQV.JW^[&PO=V]R:W-H965TC&E_5[)I0I&E_[=HQE=ZLH54HE'0VQ5EMRL;D2A7ZZ"*%B_^"+G"XJ/+)9^+L7!?
EX\&GGHMRU260EFI%3%B=A5<1Q(]X)L4+[:S)AC)1.L? M^/!Q>A50%"0*D3MDX'![%K>B*) (9/S3< :M2S3LKM?L'WSL$,N$6W&KB^]R MZA97P2 @4S'C5>&^Z)??11,/0[Y<%]9?
R4N-930@>66=+AMC4%!*5=_YSR8/ M'8/!(8.X,8B][MJ15_F..SZZ-/J%&$0#&RY\J-X:Q$F%11D[[]*L'.CSUK- M?WL2IB3OQ,21TR<^*80]N^PY($=(+V^(;FJB^ !1%),
[K=S"DO=J*J;;!#U0 MU4J+U])NXJ.,[T0>DB0Z)S&-TR-\21MJXOF2_Q7J.;FMC!'*$:ZFY%ZKO'G\ M\WIBG8'=\M>^)-0NTOTNL(,N[)+GXBJ %K'"/(M@].95U*=OCP20M@&DQ]A'
M8^C(:54(HF=D.YA]2H]R[5?Z4!E2(+%#XBEN"&[1&Y1"E!-AVG+XI,$B(=(B M9J8+:&][4>O:F+O54I [[BHCW>H@V7??.V)*^+,P, J(5$ AK".&.T%.7Y^1
MA\I9!TZEFD,7%ESE8A_=J530)44!#6_/:G*OM\ M2.(FLLS39?LB2E!6GQZ-Z(.8F H&-\(C$H49/4CZJ5("80DH33TL]8!T&W:] M-+) 7
JXQ&OLL[T1=;*94LAFDRD6A_WFNNL[C8"SCCM)LS!MKONB26. #KS, MNMP[1>]"D[9,S&>''CY@.$2:!!BJXDVT)H<>WBW MQ^[U\[IT+(72#3MQ_E+GM7[& %G'NHVLI?
U]R*_OV3HG)ZW-G9C*JB1^*NVJ M:QLZ"X?#NOWCH;?VM_N/C^/;AW6Z .9T9VB@51_J#"('6#6\P/&@*B>2XVBZ MX];R?%%9X9S=F@@,B3H[-H?XTW\IL;"LK8,Y:YZ7X"X*03>/T
&!NM5EJ/T+',.!E#K:?N%J[]!JV1H4?:UDS!%-HJA.2T)"ML[ ]TL"X4]J$ M;>97#-N4]*,PWDK&PT+J7W/0;EC<&I&W'T OD"$%CJ[Y-VGF4L%Z,P5W% R1 MH1[*((5$\+3%\
=\W:O\QVI3U*_K@^H&WA] MS(>"0QTMI&<&IC3,6$!,?72N'YQ>^N/J1#LX_/KE OYM"(,_^'VFH0F:!W30 M_G\9_0=02P,$% @ HC5,6I=SUQ#$! % L !D
!X;"]W;W)K&ULC59=;]LX$/PK"UU[L '5EF39CG.) 2=I>SV@C='T MX^%P#[1$VT0E426IN+E??[.4HSAHSLV+1$F[P]E9[FK/=MI\LULI'?THB\J>
M!UOGZM/AT&9;60H[T+6L\&6M32D<'LUF:&LC1>Z=RF*81-%D6 I5!?,S_VYI MYF>Z<86JY-*0;C=>1 ']R\^JLW6\8OA_*P6&WDCW>=Z:? T[%!R M5OS8!&?
7HS9WAM\47)G#];$D:RT_L8/[_+S(&)"LI"98P2!VZV\ ME$7!0*#Q?8\9=%NRX^'Z'OV-CQVQK(25E[KXJG*W/0]. LKE6C2%^ZAW?\I] M/)Y@I@OKK[3;VT8!98UUNMP[@T&IJO8N?
NQU>(Y#LG=(/.]V(_R2C@Q/S-Z M1X:M@<8+'ZKW!CE5<5)NG,%7!3\W7QKDU[B[D):%J!PMJIQ>?V]4#>$=]3Z) M52%M_VSHL!=[#+,]
[D6+F_P/;IS0>UVYK:7752[SQP!#D.R8)O=,+Y*CB%RI"F>Z*%">MN_SRI?13V$]3LU;0%XI9$>M&E_9GYTJE+NC%_. MHV@Z2+",3\)XG [&])H;@%%99W823B:3P0E-PQEL9PC&U-
H@%$K2DT%,R30% M H?H3-/VCJ_H+ 2R()9):RD)HY-T,*4X3"8Q7/[Z0A]E)7=<+?06*\"QW\): MEJ07]V&:CABWO.?T05>O[AEQ?-?0U>#K-([!"5;C:!#1)^U$\0L]7M H1:P)
MW+",PO0D :5%EC5E4_@,74F6U-VDJ(]MHG/CA MJQ%"U,(XH%ILX[L,.!W]],">"S*_5P$8W-?X7_6*RY_T+1=C1'=2 (MW8WL& M)[TFC8ZP)W)=[T.P9.6&-1@@CVMX.XV=D>@TI
4,O1]@Y)7U8;>54Z"G+-A M@#9@2.2Y8@PD257M2(&GP9&V..[:XOC9;?%1SB'$K;*>-_[CW9G=-TQ+"UI* MDR$'I.H'4BQ+LR?E6V[(M/5-0_< *B>"NJ^]996
5>D=^#4.ERO*;U*JG#@TFEE&;CYS&+ M@)K*M4-+][8;^1;MI/-@WLZ+[X6!&I8*N89K-)@B)Z:=P=H'IVL_]ZRTPQ3E MEUN,K=*PP9C/(P[M_H$WZ ;A^7]02P,$% @
HC5,6D.O7@C5 @ 2@8 M !D !X;"]W;W)K&ULE55K;]HP%/TK5]DT%6E* M0L*K#")!MVF55JU]]_@P[8.37!*KCLUL4\J_W[4#*94HTK[@1^X]]QS;]S#;
M*OU@:D0+3XV09A[4UJZG462*&AMF0K5&25]62C?,TE)7D5EK9*5/:D24Q/$H M:AB703;S>[VGH>3 (H<<4VPMZI M[1?]N=PE#")7TE(]@F)Y]T6 M\BP_,LNRF59;T"Z:T-
S$2_791(Y+=RGW5M-73GDV6QA#-W^'EFNDL[;P+1>\ M8N[$#%Q\9[E TYM%EDJYA*C8PRY;V.05V'X"-TK:VL G66+Y$B BCAW1Y$!T
MF9Q%_(A%"&G_/21Q,CB#EW;"4X^7_K]P^+W(C=7T8/Z<4M[B#D[CNB::FC4K MO!.?3LJF:R0@/7$KYREG/![0[H><*Y>SPE MXFR9TR(.M;D$M=$@NOID#4?/6I)AF!(\@2S*DK?
T^Y/+\!(2AT@F M98472-TQ3L)A#RX&_7#4@_9TG TEI-=4+&"F1I6),+ 9$S9Z3@\,TG9H!@2M*C[L&KMW2)7EKS'3VLR>]0N@+ZOE+*'A2O0_7UD_P!02P,$% @ MHC5,6C3J8SSG!
;PP !D !X;"]W;W)K&UL MM5=K;]LV%/TKA%L4"1#+#+$BU92=O-?T. M*<55%]==L>Z*%"GWGGONZY@^VRK]P2R)+/M85XTY'RRM79V.1B9?4BU,H%%4;4
MX)M2Z5I8/.K%R*PTB<(]U=6(A^%D5 O9#&9G_MVMGIVIM:UD0[>:F75="_UP M297:G@^BP>.+.[E86O=B-#M;B07=DWVWNM5X&NU0"EE38Z1JF*;R?' 1G5XF
MSMX;_"9I:WKWS&4R5^J#>_BE.!^$CA!5E%N'(/"QH2NJ*@<$&G]VF(-=2.?8 MOW]$_]'GCESFPM"5JM[+PB[/!]F %52*=67OU/9GZO+Q!'-5&7]EV]8VF0Q8
MOC96U9TS&-2R:3_%QZX./80=VV8+Q M+X!%G-VHQBX-^Z$IJ/@<8 1F.WK\D=XE/XAX37G QM$)XR&/#^"-=^F./=[X MZ^E>&$/6,-
$4[)44/(LFXZE264*$C*N>R'.U;JPK'125R0:U)6;%1_H,;/@Z\'3;I^2812D/0A :!PE* M5I >NK)MR.6W$.T8EVO:PVOX*VAE'%E$'%E<$]J=2^$UD4=Q,$5G(EQOX3B4 MS="-
@LS1=*'U@^.9+X5>@![/0N3&)U,8WXN2[$.KJ1(W;50>CA&!AQ-7_?L; MMM)JH45MP-YY)LC@SE>]@ -JN$#=M?#%,-8S,FP"VY!-,I?N*X490=D:-X&U M*EPD#"+(81H_?
((_NM]E.SYF$Y2(QT'<&P"-'S$-Y[;.:8(,4E>1.Q#8.K5C MCLGB ?W8D+&NQ89E$2PF+N?W%S?,/!B,.BNA$Z#+(P1Y\2SC$7_)KKQ,8ZRP M,Q*)-""XX^:9/%J^\=,7A0E TVG
V5OE9NGI5CQG_"1.4S_-N ,+SEZ1P:9= MK9$29O96:=_"<>3ZX1HY[M!>JR;OC/8#1TD*3NZ.QZX4!P0IV0E2\F\%J2>F M^U3I(,Y75:GJ*?
7_)TW]WX,WFV_=M>=N.EQ]HSC&E%S!R)&#UJ@-VM,SCZ 7 MF1.,9)JBP=]7,3+N%BF+W7A\)RD,D582 _4GG/:^>2]YYL1AC#D]N#!3!,%, M9^Q-
60Z[K3,"!Q)F($3=\GF3\/#^]J(/[WO%B8]9ZDH394'$[@3>X""X;@K(ME!,N7*)N41-G%KME>;*G_1%!IT\2J$7J[])LBA3W+VN4A$ZRH=PA$;1?^J&N8'Y[V/+A[NSM-
7[2'R$_F[5'\!H+O&EQ1 M"5<$Q-+J]GC;/EBU\D?*N;)HI+]=XA\!:6> [TN%0GU0 M^/<[.VTH6ELQ7AS[?/?=]YWC)O'N4KD#'-6BR S1.X%HKEUOX
MK#+,7@)$Q+"AF:QICI.]B!>8MJ$;MR#I)+T]>-U&=C?@=?]?]J_1S#I#?\OO M;<)KV-YV6'^#SFS)4QPPNB(6S0.RX8=W\7'GTQ[2O89T;Q_Z<$HW,JLD@I[# M!1KQP/T?
#5>*^%9>A@6A8.JXJT61VZ507*6"2YAH*_P]:,$E%P;NN*QPF\#] M%$+=BN>Z<6N1TG*5@11\)F1=0[INNC)T.]8DR<4@A)HHAYEW<#G"N5962Y%Q M;QMS25P1IOYGI@ +-
M=+!3/?.HOA%I0D9\+_AY.VS&-2;M+8QSF M)^TCN-6.BKYK]YM6Z3IM\K:T\4G[-& F'C\)GYA,Z\2[[KW,M>0=I_?RJ*BD M;&*PY$]U:N^MZ?
;"U/VW<^INZ:FXM*R%K5J6V)HMO*I]8J3;H<:)3DU;0N M<(X4DD&:<[/ 7=S4,_0+//+(&@0:A'L3_6TW.]KHR 42-__N6$AUI5S=G!MK M\[2-ZH[^[%Z_B]),XIM-
,^.6)@ZK>F7CA=AOX^TXY>BS#-Z7E&XQUH M?ZZU6R]\@N;!'_X%4$L#!!0 (*(U3%KKM*9:E04 .$0 9 >&PO M=V]R:W-H965TDXF:_?G>4+,N.HFS%MI=8)(_'[X[??21SN57Z
MJUD#6/8]E9FY\M;6;BYZ/1.O(>7&5QO(<&2I=,HM-O6J9S8:>.(FI;(7]OO# M7LI%YDTN7=^MGERJW$J1P:UF)D]3KA^O0:KME1=XNXX[L5I;ZNA-+C=\!7.P
MGS>W&EN]RDLB4LB,4!G3L+SRIL'%]9#LG<$7 5M3^V84R4*IK]1XGUQY?0($ M$F)+'CC^/, ,I"1'".-
;Z=.KEJ2)]>^=]WJ>TO4,8S('^QDL;]9=O"]GS@L3@W5J7E9$20BJSXY=_+/-0FC/K/3 C+ M":'#72SD4-YPRR>76FV9)FOT1A\N5#<;P8F,-F5N-8X*G&7/8N.:;@7ETZN"R?
A,TZ"D'U4F5T;]E.60'+HH(>(*ECA#M9UV.KQ M!F*?14&7A?WPK,5?5(49.7_1RV'>"!-+97(-AOT^71BKD1E_- 5=N#QK=DG5 M/!C3$2B?4P)D4VX/;&(2N?
+FA.V&^HIADJ+X4R6[S=E;AN=_;$P?N)"T]6_P.'AC./+S M>.6=_6CHGQ\V[I5%@E2H@B#"SCJF8!SYHP-:'P.L4ZH^,_('3]J[Y=JM*%%5
M%M&W1#YIV!$;]PPWTIMQLW;TB.D#ON4".45;[[E>[PY0141,YF3A$4^)?BU4 M]G^ 5]%_R*MHQZMG.%'/6QCYT=..?\"-8#!&"ARVGFY7, K]LX:>'R'(^,@3
MM9^NV&35HN6#2LL'K5I^0VF85VGH-J2J2:3;G9(>\U1I*_XDVBECNVREE3$L MSY#/TG6O\%96BC&.T-*<%-SQ)=F,4JRL/M!-*P+\I+QIYM:VT_4[V89=83:
M@H:+)G&L@,_"$):@>ERPEK7<]>MFPHY!_+0?AOYJ#]!#EA0U+C M>CET(C\|/>@9]OWAB[D,^@,_Q/2,6&?HCT\I-9BB\:BFT<%PC*?+B3/"=8(R
M>87E2:D0Q(!W!^Q\:65,,L_J]4!$9QMEA'L1T$4!WREDTU(6#*\8)^=T9I4; MUDA[WVW.(;SV!%.=_'\!#$;(PRH 7/KD_ R37?9T\5)E-N!>2/*QVQ1AY+ &&L@(5F+T.NO,2M\= [9XK]I"?
2L>812D*W>6-!I029<.I9Y0O/IND%GY(;$1F6NL*)N-!BX M:U@0=@>N4.EFUNV?C]T9'_2[$7)_W'@,]FK/SA3TRCVN#9Y%"+-X@5:]U?M] M6CQ;]^;%X_\CURLZJB0L<6K?
I^>R+A[41<.JC7O$+I3%)['[7 -/0),!CB\5 MWH3*!BU0_5=C\A=02P,$% @ HC5,6LY)^/7(" -!< !D !X;"]W M;W)K&ULG5AM<^(X$OXK*C;9"E4,8!NPL,7!"OTF%E%
M+E=I;7KCX.!29=BQ4U?K46!-PNE5]SB5C\.S%H+GCFB53X(A\/) M8,5ET3D_=<_N]/FI*FTN"W&GF2E7*ZY?+D2N-F>=H%,_^"X?EY8>#,Y/U_Q1 MW
O[V_I.XV[0<,GD2A1&JH)IL3CKS(*/%PGM=QM^EV)C6FM&ELR5^D$W-]E9 M9T@*B5RDECAP_#V)2Y'GQ AJ_%'Q[#0BB;"]KKE_=K;#ECDWXE+E_Y2979YU MD@[+Q(*7N?VN-
G\7E3UCXI>JW+@KV_B]\:3#TM)8M:J(H<%*%OZ?/U=^:!$D MPS<(PHH@='I[04[+*V[Y^:E6&Z9I-[C1PIGJJ*&<+"@H]U;CK02=/;\I4K42 M[($_"\-.'O@\%Z9[.K!@31L&:<7FPK,)WV
3A.RK*NS2L.LB$]DN@P%T:A0+ M:\4NPH,&LBMITER94@OV[]G<6(W4^,\^ MFSW'T7Z.5"X?S9]GXJR#>C!"/XG.^:^_!)/AIP/ZCAI]1X>XG]^C_+(R%^QV
MP2[5:JT*45A#=RU+KI]1G$;LT_TP]X>E8.F6JUHPZ;E:*SN9BT(LI.VR MC8"ON&$+E:.*S4?V+\&U#S5#H,1J+K0+UHDLD*5YCH(S719
M8;S(X)R*)*7@(N&M8#CN3]EH"N9)C!5%HK0REW]RAS2U_^#5@^PG9-YD MW_8-,+E9BN)HE!+.QGV@RX[">E:>\;[).Q/6!CVQW@9]8?=RB^-O;4[@DG2 M3U@0C?LA"\9)?
[C=TA))1EQN1280&1!37"%X)W0+K5;(R0)VE63:K3<2(4?(M2$)_]$4FN%_,H*:-P72K2@J*-Y(NV06*?CMYN[^\I9]E872TKY@FT6F&6BC M>6&XWYV5FJ10'O78-WFO2IT*-
(14/1;R3UC!V=$D@K J\=JI7&4P'C&>P3:\ MAHO67%)@$8ZU))=ID<.?&;.*(0>GQQ0YKYIS>/S)(*:I0 "SVG-;&7 (MU;+
M>6D)/8G)1<[3'X#N0C3TA0)!834*B(R1E:%]]K"4IE$S4X*V0M\5@,6^5D*+ MQQ*:*OW"J,^A;K5SXVOEO%9VR2U<->]]/A*9W6I6/2V0E2ILM2DM@B"""
MC%R5IDIGO(";7:CX>IW+U%G74@%;P*K/[@4"J9"/HQ[K?-NULPZHZ74 'B1) M0V'-,D!P:5QGAZ_?FPK] [@Z;G!U_&Y<_2ZXH:R]$$N)4K^2"SA0P&Q#"4NH
MBYBZ',1F7UWM0M@'NX>%$^QZ#"7GV,JCKGL0#'.7U44**/%B]^,RPDH>,]"M M=)%85,C6VDNQI%2DC7!>N?NVYN0J.=U6LFHJ^?^$^ ND92VH0MB=2@$>](;# M$'ATQ)(@
G@>L>EX AQ\V#7PKXT+@R'A'T"*';,@!F35-QA(MS<(&(950],- M2J-T>02]8837"+[' $?&DS,^5M#:5KK'"@S'",4>3>K*"@(T@X -G*+F(T
M2$/\9BNE;=T9P*150(CR'*&VDI0+',YZM#V)DGZ(OU$_]C=C=P,TOEZM<_4B M*/@J_<'4ID)+N6:K7,.I)1/,A-%U;F4JS3J\G"JEP_VZ+!51ZG7H5N']?.Z M3>
[T(#28R#6AR&DR=9LGS1/'Q$40%90Z9P'P/NQ# I#$%:]XV]#>^K]U-O#L MOZ5O4V:K:MCHX-2&-0W53K>J6U(P1E(<-YTIB/'LN&E0N W9\0%\F33X,GDW MOMRA<:5R3?
NGT*N];!W6T5K3=!H=[U%8#8*:#*E592,D&!W7-NZ)KU#VA38%2:4;;UP% #\ M?'JW(*'R&&%;@"N&OM=373M=2/FP-W7I'?:2B.:\'2LK=C^):5M/1K;&FOTS
M*&*5EQG%].'R'[.NP]L1"Y(057-7'=%;WE(X5 DKM*AO0DM2J($;S2MB,@79S?*M!(4UV*GG"0D/)Y0B'_G>>GS8T89Z,:D$[2P;G7] MJ;IK'O$$N!/#X-';""!=7H6], G@%UH-$W+U
62*&V2*WX=,J++?BM;\3/(O MZJ!\1UFQS][U^]#HH(S]:#3;,]80:,S%HRP*!Q0(/?I6&UFPIVPKV>JVF%'- M001P-7]P3L&1Q0F^X+F+WQ&-"_&KO[]IY:;J>H#XX)1 -DM_V($
H!BF6D"# M5-F;3 M8U_H1$%I>MOP<%5ZN<.C?5C_>74@:9,F:9/#2>L_%E(Z;$^HNTKLR]+#3-^1 M+U=^5J0!?>8R16'VNJ&!#0?RL__!U!+ P04 " "B-4Q:=N,$GTH2 "010 M&0
'AL+W=O#821L@N;AVTD-1] >:6DEL*%)'4G9T?WV_F>5C29&T"%^+:W& S><^ M9F=F9[Z97>KE0YQ\35=29N+;.HS25T>K+-N)].9<:1V.+,,8C]9>$!V]?LG/KI/7+^-
M%@:1OYNEVOO63W1H;Q MPZLC\ZAXY&92OS8"VC-(@CD\T:.R M3ZJH7Q>MO^/!8S!W7BHOX_"G8)ZM7AU-C\1<+KQMF-W$#W^1^8!<:L^/PY2/ MXB$O:QP)?YMF\3JO#
K60:3.WK><$8=4L/(*%M.M.F(JK[S,>_TRB1]$0J71 M&EWP4+DVB LBDLIMEN!M@'K9Z^NQQO5A]71AVF)CW&4K5+Q-IK+>;V!$0@NJ;8*
MJM]8O2U>27\H;/-46(;E]+1GEURPN3V[L[T%GLR+P8KKT(O$59#Z89QN$RG^ M\0&OQ?M,KM-_MHU?M>ZTMTX3ZSS=>+Y\=829D\KD7AZ]_N,?S+'Q0P_M3DF[MT]?
ZZUM,U/DVE.+30ER$8>Q[K.[Q0HWB(DUEEK81W=\L6"S7=]"'@LUBCTFY MZG W[5JCD2 NO4PNXV0G/@91L-ZNQ4?OFSHW[J_BM4RSP!=O?]X&62!381HO
MA(U__+GN"_$^RF02\3"]L"J%-Z;+A2R&D:.-Q(MJIEFH$FHAM7?=1+$AWGLI6(18XX\I.>= M@E$31@S,DWHC#4)J[W)9A5Z*BD$$0QV&:"L]R=_\S0NW4KR@2?DYSC#,O)/^
MM_LB/8:0IL.9,&=#!Q6.Q6PV' O'P*-. 9N6-73%;&BA"$I.A#G&H2'JZ,?H9I_5">+[UT-5+NPYT-IRA)Y%%K%NY> MY,,Z%N:I;8_Q#MJ$MF@ EF.CL^*>F*[*!I$?;N<@W_/]9 M"Y\%],)?
1/&7Q M I3,@V@ILL2C0@]!MA)W2?Q5)NGPN9+=GX4M=?Z+$A^;)+0I,QX2MW&7"Z=+ MXHX)A9BQ4BB)3UCZ-8G/;"HP=KG4; +VHY;Q/1*?S%#"98+@YDIX^I-
BGFS8]O)XSEG0)$=(E8XFC@8?"TU06A4HK4JEOTV4%OXYOH=R M\HPRIZ0"187ZW66<;.*$E0W/Q^7S^MU'>)$EHH1TE,^@-Y[_%=W>5OW96G']
M^N.6'/C25O#Z_9.DR:3KQH5FA<(12 M.<(P6 ?D?-?QY'<(7!1 MNNB0V>EJBIE3,AMZWS.N#@G!K-F==6H*:YE.#P=:9@3BU[NL_C"1FE;+U'ED,);34^=0+NNR4\ #9S@B1Y-
8=74%DYS%A9,Y%1',SL Y M$0/,F9.R5/WN(O==BK>CRH41:IMJ2J]\WD:+ON-#!T%ZYT[(>Q\+VR(XH/3. MT&B'I.!75T$J?(8H !J!!K_Q?*VC8;+/>9O-J N M73&*!K4K0.DH)@)EI/J
%^&!*ZSCRR3SP%9= M[YGGI,+/T'YJFTKLI)<(R>0^"M0TD'=3$?VN'(WV\$B6Z"%8#I-+_' MPK7@BJX\$J$IYMZNZ4A-%R9"?W\F7#JG739W.H.%Y,P=53&X[)FMSFU>5+5M MJ_>-
G #)2X\L/N13XKH)C:8@\L?1!?\70019.XO?-@"6TH(*I;1/M-T&^#8$ M:70LYH8@> KUL\]<)4JE.RK6\'@68$9BO@5WVWSBI"QWTM DW)&BZ*I%JA$& M(&L.0N:YSJN>A?

*R&;4ATA<%"DJ*CG;2#6DPNX\Q4-$'YB1Q5NJ;'VI B989Y M-L!I$&DFDXK&)3F@?BB>$&?8SXXSW1/I93ST(G[^(.]E* @_?'<(8G$(8K&? M,_BZ\':YCFG!1Q4Y)FVP+ {G!C'.P7B|)8@Q>V#>;RR(Z0TR&HC7 M:6/T8_@=D<^A48S3!ZD?C6(&3,V603P6Q?3%LM\5Q=B42X'D9I.G1C'6<*)%,;6[GBC& M%6V:_.OH9CRV.8]VQP.?QS.W9M\Y2?B_';R,2/:*

(;I6'_^>A3?]HI?RMC_3W_M>6Z8LX<3_RMASL2 >H._Y|I/,2*=G,6A<+(@:-#UX,NB$;X@=AH+95Z$L^[!0L)]NQ;5WY MZ>^%VE&KT3P;V7!LDIA\+9B,4=8Z5KQDUYFR7YS\ (*(SDC(!S$!Q'6^>;8E< MA$H0F*9Q-L$,BU(86Q:9>..A%9,3S=?Y)?WQNHH:135=T* M,I/W&<&1#CK4SNR1CY(!R1'T M (_2O$B,.RT0T\D9PL/#9L$1:FS/:]T1-$"82]X$Z!-

^<[=''9DS8MMUG^@@ M(ZFP02D=:ZID4LG) 8EV*25-*338^*[R9@0?M#?=:F"-2S6P^$HM1>-LD5 O MU_X4].XVB40C7G(HSVXZ5,^BE6MK"L&]76_">

>5K\N9HAN*Q"T2L$52^VX% MH:T4][I-$\V,N8)N_MG $5(I=4CC:',5]& MQ2AV#&"_1%K#RE.FA;'#/,:\/,:]'<715O(*S;6:7MW@."Z%O2XOFCD4;D]H MF?X@KAQS9

M5D$#&Q4Z>NQW:YW=ZY+L"(2KCHIX4E91=.E%XI*JD|@[A2XTEA|P2UGVF M-AF>)VB:*Y;DY(Z] ^!H3:K82;-)&)'5H'$.5!Y XY8""M?,] 8R[#&PN1+ MF_9QXA[!FDW;XHO[*>?

YIL)V.8*SH%N\B=YVN;YMG,$ 8(NX#DU-'"*?V:,NL_MU)99K[94^ |\;Z24\ M<H*C%|]>%,06 ,-;).DYZ^*YK)5(I5NI%TI8HI/:* ZN+ .31[UY(RLYNUE M;9AM'!8#M?

G]A#FM%@+UW,^QROX52*#Y1 9S+T1Q9DZZD.U[JR0 M25>EC:C2"KG5'LQ*L"F_E'G 1C#'0U$A MW4F>A5'_"'.G'/B:1?A[TQG7L=[,E.2P*!RD)(",.TVR6YEEH1('%Z6-S[0?

MQVQ;Q:VO"':KN>(N.00[|!]"C4M=;*9YU8>&-:DQ(B5(RX5,1]|@H6KI0^.M1)4TSC8-^B;XJRJ'3[,! M#RT3IV8S0/-@:J;Z:RX

MH"J3>R*85'>U]*LT[K*63E">I|5*]|+7'11TSK,\FU%EW)HYJKZ(L9FA?EI6 MFIZ5B>E? ?;E5SE#]O'TFO$>E0Y-TA88U;:|2K\B2,2Y[M(CY\E1E2@U;06U

M#%XYL'B5!A#.T"!4.O*WE-L+%1H93'A58D;')H3Z@(C^G-+JCX(_@1%'0EX M4@Z_O7(D)I.[A/Q0Ff ?G9@>FY"I@G W-=EWZS')^:,2_;$8T-HJYU/&-O&# M%CXF!$B/;3N?F2]_--KO

8S5+U102R8?H:L M'HE$_?R'NLGB M#?_DQEV<9?&-+U?2F\N$"N#](HZSXH8Z*'^$Y?6_5!+ P04 " B-4Q: 4AL+W=0@Z!=;I.Z>>XZ\YT@--

EP\RB5C"IZKLI9#:ZG4ZLQU9;9D%94.7[$:W!RY MJ*C"H5BXLY)NA MY5FO5[?%8JGTA#L:K.B"39FZ7TT$CMP6)2\J5LN"UR##?&B-O;-SCV@'8_%0-ML(W<>P:=RHSS1SWXF

\MHAFQDF5*0U#|>V(7K"PU$O+X=PM]M3&UX_[S*_]5 M21Z3F5')+GCYN%_G+/\:P$5^:+4G_E>2YWXEXR3(' L\&G_AA!U{0)AT8O."(M!"?T!8M,P5@(6B^8?K;A+UYG5"!A_;->$ 9?

QC.I!%;0/X>6HPD6'@ZF974F M5S1C0PMQU(YEX8M;H!]^\F/S1D4K8IA)VH8\F3!AIUAF#\8:*'"GHD41#Q'M MA#I,L)&D)8,Y+%&l1+T#IF@#$ME82]!^$ CX'A7:K/2Y4<|$6.A/%#-

>9SO@3 M<[8<_V94P!0C%&AZP>N\T#4GX1--X6KG5#*83PR?"YYO???,S3YB^+62BN(L M,J0*/-\-/%>7"O2DL3B!#[BY"BXU\!4M!#S0FN,!W_5C[M0)D \ES0PISO(6)?&Z8?Q>

)718WD"EH"AH8;3-X(!\?7C,JU\A9]I1TG ;P# M+W%"N&4EU3T(IKA"|\-^RZ3K@WBCMN MR<9'I*G9M\UYKUG!| 7V|=I^9L3RY1-"PD?%*GFP=<4_(;NDS2[IW(HIWC#R M-

?:3FSG<83Z29HVL<6PR@@/'T@TV&@%W2U!O[^!99P_)=<9_G\R;:]3N(U+0B-XRBR M$P^%'3L> ;Q:S%FAYWM>G-@D2DI,FQ0>&NR>[R=V&/DX[3L'4'8$,,&?M_V M?

*)APK1+,_UVH_I'GS%-RSVTVIT8;RREM&68_F*AI#\A.X_L+FGDUTJE._X/ MM++)?'V^0213U[8C@<==WR$XF_32V@QAEDC@D^DHF_=0F??*"$$X2M3*)0CPZ MXQ1EXCEI=

(1,$CR/K6C4WI':V_4 9-1?R MG7GS=7--Q:+ _2K9"%T)$K= -!\,54#QE,FDSIC'"![Y7,)'%A/; - -/,5>O M QV@_6P_0=02P,$% @ HC5,6DUF-;#Q!0 NP\ !D !X;"]W;W)K

M&ULC5=I;!LX$/TKA#==)$ B6X>O;&(@25ML@+0- MDG:+Q6(_T!)M$RN)+DG537_]OB$EGZJ1+Z+$X\WU9D:\6BG|GUD(8=F/(B_ -M=6=A[?*RVS7I0A3>=\U2'YZY0T7>C7]H0;?

@LNQ,KMS< MHYY#FF_V_"7%"NS|<[(DJE2_]"'27;=Z9%"(A>)0?. MS;NX$WE.0%#C6XW968ND@|OO#?I[9SMFZ7(C[E3^569V<=T9=5@F9KS*[9-: M_2E]>_]$EZKA02%+/_(?

M1^V#HQZOS@0U0C*GN-)23)07EV6J L2IRSDP(?@$01NR#*NW"L'=E)K)=@"ZT6:L4-2K=1D<1WXHT8%XS])> ME!S!B]@S+@T2YZ*ZPZH;X3^+C[3WW\+ M!]T_CBB8K!5,C[%

[!=F=,K9-LZ-GVS6[+U-5"&8LMP()9E;*O%)B8!,9G:! M"99")&*_6HB2@<42)!?Y"W(M5?-2_A09PW9L97(/\(Q)PWAN%*WD%>)^R?X6 M7'L,,$10%%.A711/90GBYCE$FS-

6J_:5NTN\,(F4R!L3LO2QVF0J6 M_^-^0JNRF4-K*GWZGFC%-*?>A9A<5=@!&)PJW L.FTN_A9<;XJ$3%@V#*$$,< M!3TH8A\8\E,+R:7'!S.24(UX5/U "C3AG)8ID&<+|-@H&

[+.R/&>S0RV3 M'E;=XI-2:.@MY|O+|62M'=5-*SQ&F 1#%H9!7&-O'3IA_3[F.83!F!WA7'_- MN?Y1SCTUKOL"$3?>=:,3/P!8!:60\"ML:QD^5;@T42=MV-|>BX2DH)#WQ9BI' MVW

>A"S3\/$.7%*YS#AMO>6Y<|\S%4%SR6[L,0+N|/XU^VJ7[)#0L(\X|JC1 M$;5]L6>/0++.CG??*KET= ;!H@@A.F'A*$'$]BA_)P)K:%VNN!Z+KP?%(S2 M+!H$"1%SO!W_K/$7D),Q$*-

P&$3;<6W%0 A>T_99GD)_/<)DZMR?@%6%VA< M4ZX|LI$5Q,#14])/3B:>IKI#I,(RT&4'\1U6F!?(>=L#/D3904&@@1*5B5,"&K M-!-j:72

@JA3LA2I&:.DQG!4>YDNC0fD1N4,8."Y;>Q,/"1'A",Z)^C:H.X>V MCU$)H!S&&(\Q'DFFP3J9![\HX/>E_T>"K]M2YSB$MY2(A048*C=@J,>Y((I5

MC5]6';,,.CO,:VOOAMUWW"S8DLO,-8,F/$TM,Y*O@+!*^S)-Y#EPY29>*0', M2!E6$6<)=K9+CQ,J,1&&\4Y:MU4^SQ 9>S3\;#FW"M%(J'&+(YQ[*FE *FI

M1?'UV8'K"UI.A4/QAJH+N2<6SOOI,S'[MZOX;17;!QP_*&L#A4&O3-%QG&G5*N(!1BD0|@N5C0-%/2X_>0 /Y,FI7@S M#!?|@'3J#9U/\(@$=-5>W-D.09KI-F^(JD^"E0%-

#%DT1B2ISV,*7R/K.TK IL1/C8C0(97K'B-28PK%.R0*C D'+Y]1 M102?65*WEU!M'X\!T ?X=CU<\A?*:H1TT -VX@3'/>Q_$:6WQ?+RG?A^A?H M-!P-@M$9C7$088R#06/Y5D%-

!H[[^,>*V9.@QN/Z5[N_GQ=8]PWC,$CN_|QU-M)VH\F]9RN#-*R --&X'\5Q3^;3W;J-S=NE 5 FV:KHV&N;SQ=ZOU[/IF>N,O M9)OM_EK[5U>HH3D8H:CO6"(7RCMKXK^PZJENYY-

E<5ES[TN<+L6FC9@?:;:4 M;3Y(P/[^/OD?4$L#!!0 (.*(U3%I6\i\=G@4 'T, 9 >&PO=VIR M:W-H965TZ5RF(8!<%H6 I5]68G-M?

NW:S$YTI0I5R6M#MBY+8;,GLM';TU!8VRU\4\N5XX7A[&0MEO)&NC_6UP9O MPPXE5Z6LK-(5&;DX[9V%Q^<)RWN!/Y7Y6YWV)CW*Y4+4A?NF M-

Y]EZT_*>)DNK!|TT\BF48^RVCI=MLJPH%15\Q3W;1SV%";!*PI1[0!YNYN- MO)67PHG9B=$;,BP--)YX5[TVC%,5)^7&&?O5T'.SKVXE#5WHLE0.L7:6S]H<

M[Y53U5)6F9*6#F_%O)#VZ&3HL"/K#;,6 ;Q!CUY!#R/Z JB5I=^]7.:/ 88P MM;WVME['KV)>"FS <5AGZ(@2M[BSO_8X\7OX*W|[EXYOFELEFA;6TD_7TV MM\Z 1/^\%(9FD^3E3?

A@'=NUR.11#R?'2G,G>[/W|\)\/$-%Y+.A>0M!#E; M$(;5H]"O\(T(M!?.}JJ9]@/);^DL+0%~%JH|SV)=&M_!=W2@+Y+6HD[29DT#]#>]: ?.ML:CU)O2=IY,I;&025UF+1,1M71760=62?8=));E

M':.=N1V2_!TZB,CG;/E/,OHTT\I@.H5VJHF"D{[KU&T$GY6'$PYB^'0!3,EL@ M3O3IHX#187A$!Q3&_2A(!P%/^]sH\+/W|R91&'WT:\$T:+\&Z4XN3INU23_Q MLZL*I-

ZAU2BLC[.#V09:9T-!]$E*;A(*0T#@=C2B;A8$1)&@^FE/936#,|.M2RO!8?%)1:V)CBB)IH.$X@2R?A8EP(EB;!],433*=Z_@C:"CVJG&1]1'-Y M9$-3&)#@%V/S:)#B?

8P:]"[0@"/,4X@RK8WOP2_]O139/Q_

U5P^)-#EX^_U"J5^I?HMBB\C80OH'(1?U'=>G>\:(Nl-;.O)^W1L=5!LU__^LBS\;>X;-G/O;UV\[HG7 M(1F^&]W(..CN&2X'>/ZZ5]W[DMG;-L5[ML2?[0^\;6WQMK4,W_9(O&<'_VQ6

M/O"V]<7;UK-[VW8%WI-=A3]KU8KXL_]!=VXLWKF1V3LWFFUXS\812KA9;8H_ M4>;-FOBDV<_6YT/C**Y&$431_%%#,-S PX!9OC/"266\ G@4TY^@3^$[V-5 M>M1IUQN=T:AN-

3I- MG0UD?!G!6>_';?^N?S8PNE>GQMG_]G[K7GT,,WK7EY?IP:|_?27["/XD8);. MV'>=?>/TL'=HU"K-1N?%MYX2/@:L^N[L&%$JR2#.KV\O#70UCNMN[fM3\8 'RGUF$CMZ

MB'A>^'7D*SKMP\[1$;H+']R2;\4/CCS)(0C]RYK(:X>===FOM5Y7#ZO]?O'"K M]N\1HY'G5K5PZ-*/95;B?&U7[W5%R&O4&:@%=0W3KCQO3-B66 AQ[793Z.Z

MJFF;CIX0#J)UG;0>&H'8J+XJ\1$-%Y+.A>0M!#E; MS(;5H]"O\(T(M!?.}JJ9]@/);^DL+0% ~%JH|SV)=&M_!=W2@+Y+6HD[29DT#]#>]: ?.ML:CU)O2=IY,I;&025UF+1,1M71760=62?8=));E

M':.=N1V2_!TZB,CG;/E/,OHTT\I@.H5VJHF"D{[KU&T$GY6'$PYB^'0!3,EL@ M3O3IHX#187A$!Q3&_2A(!P%/^]sH\+/W|R91&'WT:\$T:+\&Z4XN3INU23_Q MLZL*I-

ZAU2BLC[.#V09:9T-!]$E*;A(*0T#@=C2B;A8$1)&@^FE/936#,|.M2RO!8?%)1:V)CBB)IH.$X@2R?A8EP(EB;!],433*=Z_@C:"CVJG&1]1'-Y M9$-3&)#@%V/S:)#B?

8P:]"[0@"/,4X@RK8WOP2_]O139/Q_

*

=R9LBA'=8(]9>/BI8S%,U^$;3-5 LG,>8O2H.NN&-B MG$+_(OP&_BGD_P:WA5,"Y0DVF6AO@X!GS-X[,"\).J2@H\8N{C&'9\1"H,L M'^]!B&U((^GRA_N1,O =P67.P?CV$#KX_R%(\6lF_):'^"^$33UQ#:7WXB_A MP\1?0QWA13!{FVPFQ G_Q"XCCB7^-J0VHP_AQV 2;!I? R\FL?@^+O96 *3A M/WS,5\+/0;'4))X/?\=1{87]6P,*_-9TA&VD!-[<*44O,DY*|(D,A<##UQ+(M,QBV?@7W^0IZP7Q M;^@&^\)@ BADH]{,.+Q1!<+ 1\$@%DU4F'T;$S/3/5P^[GCA<85TLTYYY'S$@)YIP=; M^*. 0)F*$H4>)T?GF;@*3N%?^^$491S'= 2,1 MQ_76^JA.?,1<2@^H1Q(@;ZZ&+4GA)^K6-I/_@A#W1_?2SNlU5]+RM+N 2!U14C5 M^]&0 ,X5<<<!4#S]=;Z]E2"CX?1\0-B+D$O/N;NH5\ Y1YTB4&T7E6,)?S M98LS07'^2=S2G:'F T<$$#"%!.8$ P.8,&#R$(&M83WAB^..."(FV=_$R@6?M M[TPR6YR. ,.:4@B=%V[2L%UB1:/YFANF4K5MV=#5.&RN05?HTU>T'&$*' -> MZT5;/. ;B"U=;'KQU7A10V7L@!74?;#D>!>)^'V#IV?"]L^%RBH"I3<2XR2S$ M#;?PPW3'F7&4FT3D)22?$(C_ <493--^;+G;,C.,W\66X|ERTT?07S3"2 M 26QO4&^X;K@<%EZ,MH+F23@>YL\>E& *,Y2Q91#]SHC58.";/TC<:8'P)AS M48M?*%$OO0ESZ8SR-&3)B2I'!FCI:RF7%K\F?IX=X@,,T\$@:;GS(G) M)L&8HL]#AQ0STB* !77PCN*=9V+@?MU.0,1+]ONG&'!L3:3+BA[7H>U3%$!KI$ M"BN*&3 >1)6N:Z@?KNM8,D7"XS$:+4B),Q'1ZG6NM,.S MBT&=C6 &<\PX''$3W5/#B#&1"Q-SPNA#O/+%)'R(:U'B6B"G5A1]BA4?29() M+[^"N>W_4NX.W^%;XQ,6(>E(+|`:4MM[_+Q"2N'2HG#U2(+[#:/S,(Q:7^||*

*MN[[I1:N#5G]&'US[@7XUM*_.DNHWYT.%]7($K"H^*0IO)=\W[B MVI9."+.Q!YQD++#(5\V#((W(Z"\(43X<@V02(,<$.0'>B+F<6\X@'\S0$#,NI M M>EN!S-(#%-A,5A$Z9VS^?N;,),F<1AVEM913,3^;>6)J:4)MIB]6'4285 MK@B#2P5#(t;XA.D4E@$29SMS%A:*LD*/#_>_N%.8(@>]4&YX-_M",^G&O8.*Q?RGVPWD !GIX6QO&M9E@C?Q$BEG"*&0N$=#Q,:SQ#A1.31KM[<9M M/;NU(2'\'TCE8 +'Q$)C.P-L+S"]7(*SF($C=@3<3/2ER^=":,_#O!T8?M:?9 MW9*%Q;ZO);DF;@(:(+O;B!;I3/0-D:R5+-X\^*IZ(05P!]J70TL\L<0AKGBSF M_A>%[>7R \'^@\&, GN$93;X%>/&C,P7VU!$)\IHQY0.,K/764)?3^-45%2T M9@>W_GD3K80LB'+]B#K**'#"HHD&_:[V(S#HQ/AB7S.6\]9Z1]XFBGY0-MUC8=1Y7'1\0DFE=3_*W(SS"UB"UA?!EA9-\P;=SU+7Z-49G+]9G,L%PY87HDD+CS{^BI2C[>]%G M7?CPEGGW1M0(NP*Y9Q'@'WR5<=+!9YEF+_93+!V)+%8PRO9(TL;KLR>7!#)LOA?3> [:(>[4ME@!6U!,H M4K*5!$Z(2=<,&_&&:],738M$BZ?27X0%L"3;#PV^$4QA,OGXEXS"R0M'NF/ M\++8BIY.$ 7 M&X@>(D;?,0\-AFQ2O,425S2+X-R=SC!4%MY;1*PKAW//C=^B"WO1A8O#(RI- MR&'##]]L*H+[9*D*\X6P24W59D%$&R\U'9.H:6*\$3WNIA>-3 +2Y/W#P+F!3Q+KEI# <=+.R&6qB$1[X)&~<+5$, M>-}6+V]W2P4Z+9K\XDU]8U50f1^V$5!P2INU7_9M!{QI_'A6O]X5P]Z-\/LXE M&,3ZXB?PM%94MP'.Z(#$[FA\;^_"D3N<=B65>8%]0)#*.*|_,?>U7S44/+Y;"_ M$V_U"(KOW UFH=R,3^09%$6_3O?1P6/A[6 Z9 0% P\(WP+S?KZ_\NDE ;,&M+*U^B@?(KWYR0QW'F]L/H%\2Y1;);^,C8:/NSY&.(^1[1O_UMR2+TQK#U6O1 M6BW 4'@CN.F+D/^<0"1 3>R71&GZ1)3$ /+8+QA>D0F. K+,(.XX2D3S8V_9 MJ331KFO)1?FBYS)6C ~6AAB3)V H;fU/-JDOS/JC+#VU$1W)-%?195\G&Y'& M73E.D0N.#L\'=:+MF8+-@$DUWAX?;FU?M),.&E:'9"+'W>\K ,!FY1U#\)N MQ"$4A2L350G$$FX=%*2'(&2-!V('PI=%:!0K$Y"XB3;&'!KXWHL,&7'GY;!% M5GCNJ /5*0639315'C4?UB=;I8LM@2)"(@HI@=' "2I0N MQ ?_RF9DD[M>-"4LI@NTU=!_/\9F1,,A"3FPL$=PN'_16+88#WW)_8Y M?BG#=IWQ =C_].7&L.'F_!XNGA48;-G)+>%"B-9Q5/;/CP"GB'0&79[$^4Z M8W%W;]D(3E2:%E^$[@Q^#3^WT+E$B@Q%+2"S[$>*$L0'NOT1}1T$"F%EXO$+<.MNSTQ=@%)!"03IP?%@/3G^A)+HJ#80Y,6<(Z]P>!R(.0O*"O$0?1- L=$HWBOKU "6$*B"WB/*%P#8P$!.F"!K<2\-G4M:L>'0,3S9F(&C=U ,Y;@>)4R!!H- MMPOMA2?VG(#K Z9L&4XA)0.0^=H2^I:(EC&@ ?X,+X-"Q5JOM>ASJ"4OUXE/6 MQD'HE&?QI2B,2#!X] ,$S#6(]1.O^BBH7M,=AP'GPO'V!]=&LUFI5) ^\LICE M+V[_I[N_/*%!-,"PK459E,2O4.T@Q\OP_))N%@Q8XAL3EH(P(,+'(M9M0%KIZ_N%'2F7NQ*UIYD3#?`$^$O6'@GF .N [>$7YJH8*6G0@>1=\|.$*;)T=UGWC&PD/L,CV>N-,F%L C..(8XX 0DAL,59&;+/ M*>%<')$(+MZ/VP5@1_:%'UC4_+"S%O,63@@I7AX>9K)([&BTE??A=/"=PI05 MY"PB"#Q2R!)!=AR[B^_L#V!\RSN%[N\\#X! ,-V31%0+Q\6KM,0SUD\-A37 M"!($!U&D")@S>,%49,V1)2B/L2KJ'"&^DH,]Q!\$IY2 "+"VG680+;W#5&W MKWS-L(PMGE#&H(:#R6p)0ONQB Z[:3OB*XCHJB(%_=VPNN%6GO),U*6CQ\L M:W+"FT1581'^+6Z7W!,OA!.+9 MCE()-6F-B*OJ3=9XBFG6\%9H'X_\5!]=V MV#!B\B;1@VT_V8 -81;O#DCV8T-(A:G|:CH?I^_["9( ]Q&3 Z+6'(7U3PFE M\GZM4@GG"\2\E>011/S8S.* C!F=N#%"PP6K5# =@>(M%TD8_BCT!/5Z MX@DKYS:L/B'V)D)\.!R 8ZH+.?!4QX,ZQ3#]T'BCY%)'ENX*^Y&O(88GLN^'L(MGL,[<3[- M(Q43P(K_!Q'S(#[Y)MS!&4[T6!)?WL*PPF@^>,2Q:,S[,C MKY&;Q^@.I&6(2-/ <7]!19!OG<&?+1,U2\Q0W ?UPS7S)%++(2W_]?KY29GVBYLAR#(1?^4X"K(+]-A6N*<'C0959Q' M2^ME5,)@">%0PH"IVMZO:YWA*1$S1?EG5&AYDH(6@[6XD^OHC::RY[\YJ'1V|2W[77 MJ_.IMQWJ] =V7[5EZ@9B<4%X088,N:4+A;@4=*[CWEQ 7Z."ZV'_|+M\?$2MC@=P9M'>_.N3RBZ?[A7]XLD^L;DB_64*\Y;TT^]W;+ ^]WUUO797B7W6Q=5ZZC M2*K[PU<7[N6Q"$YO%]?;Q?5V\3>WBZ\NGMOUKD%QOV;\7H"9&ZW$GG!E;=2 ^V=L7*R@O3GO)G4\P MC!E$?A/<(H476XQ@*&?/PVTD$,09O3 1GW@0[/8HB6UX,+[!VQ'#<4SP.-KC@T M>B\)H1'NOW##$^7UB>MR:QOND8O6!D>G.[U|\G*TGS4^&U#T=%*.PWE93% MRD%JT7Y8QBT#C(F,E_T"GW^UF+'TNJAPHE],&*][BDUZ71(>3A?U:OIT4Z>M>OVP\U^Q*)C6NVRW:@>UA;?K1V]>,FXCQ3N8L?N5K'X5-TY%L(G:G.),R3C MDRD.Q*+A?0/W@8G-X_L1'")EQ "W)WNDPXV6+Z|UCK9'ADN;EWNN^;>"+7*5>VZY24L=_N=^?{&1!R^(,_&KZ4RQVAI/*L 6^T90?H#R#L>/N=ZY!"<+]!S;,C,V&(C MO-56-.7Z]+>3MCIA;@@IM7Z=+L?)NX*+4FM;IG,1U^2?;]\\)ES?|=W@L?V MOS90MS&Z=T'=S4;14]PQB?K%.3^B0Z6+$"9(-G06X5C]T;RL;NCA^(6K&HK* M@4K0P))RMGPN%Y3Z[#\;O?C]I3Y/7]RHU*<_C?B&BVI]^E|=_=BU/C<]O|L: MH5Y-T-4K+BXK%+B[N/%U"HAN!WW_'2W32HW192OT'9]2:72=<_(MKE[HOT2_@IO*D?E2QM7_7/1BPI>8IOKKR$A+B#%4#;_+CU83|&QT\&?I<$3Y$OQ>N2+?U6E>YR;Y$\UO7UU)?B=K|87:<%M7X8_|7YTTW+@=[;>]2-OP9T-C'MT&|WT'$[5.P&B7,$CFI:6P;1@7R:)R<,$ATT1(BSL "('M3"LB>",!#HAC;-(W!$=0-T1Q_/ MD'@HP]/QLRI@&?:?C9_ND RWC&2X,/&S<YMM%<_NF8B9F019$(X M[]%RSK%0:'P?+/=D&"QW\)"\DZYLI4N7M#6S_@=\-UQ>U@]A!GMXK;8\1;J< M\<@56<1D%7N_A@L50I0;_P/,]|PE $T|HH|\%_#7B@M2S[FC34VM8/WV!Z TF M\^SI$_Y/?-Y8GXII_ME"[?%W\U3WI-7ZXM<2QT&&Z*#D@ #Z;_F7!H*^6<% M +_<%5;\A0Y)0[^5S+9*VQ&;,M55FC7)QQS=W 8^.*Z*E'[R2U>2U_'7.L](M*E_9OQZE9VE1+^6?O^P6Y\'.2_2;5ZO?&E_P@'/42'/5M/7-R2WCR.G5GCWP M -9J-WI.R0_L'>LZ3RTI-SHTL|YR\L?O!:XR-CPMKGD)HO?Z(ATP4UZ+-O+@U M'1W(:CTM&P-U\.BYR//#QP_EU 1A*FX3,EMF=>6/R.#>HKW=T=%OM'T3R\2M(UO!WI1/&^_'K<7(F:4SN+3\;5MV#E>XF&$FRC9ANA2 M*)%) \[#]ZY0ZC5YT'DI*>LC.2-YTR<'UZY?OIM3(,.S- ,^%0>;.^Q)TY:)(:MR])HK,4!74,PZU6!M8-O_,LF0UK)MQP_%/_R6IC6Y^-'^T^^);,UZ?CY\X/; M J(^>7Q+F-8GX^=/AS^RC|HQVN\8[;=C8K\B0/SEM/;;AB3]S>OL $SZ|>LP MOJQ2M \-ZE8IVC<'VGHGN*/02/EFY%U;OF@?D=^4YJ(iGS61N!5]V((CEN3 WKGSN,BUVS/46I7IPL&GXU!^!8S7RD7;4JFN7YL:::PLG_L7Z;&MQI$>>W_V_M]%NSS-\9R/.X.TWKY*@VYM,6=BTZ^&9=B[9)87Q$=]P/IJY-\K>T:\V7FGG;M-'<$.7\|P:OPGSY[?#37^CV"0?2I/V.=M>8VS_1S'&[F)O MWZ:?LK38M?F)+ ,.TKJL"2-BN_*?;PMG_C?D='\P.^;%SHKY:I=659^GNWA2MSWS)6_.EJF4+YWUSU;*]HLNS'\-PN.-4W]997G>F'M<@:,'?*\CLQJ7Y44_+&RG)[+BL<8_5W M.O)[VMO?TV9AZB%->6/.Q*U;_ZX]^7).Q"W4G0=/KYM V\F:7VQH1N*VTZ+;M;G%M@6*6YM9IS>ZW.@[MB4OQAK,ZUI:5,]#H?]PS0.^O/"S^}+P"\L6O2D+ MT_3QHRU#'!?YC^NZ[V!-A[G[!MT94\?[/2V!U[]W=&VOUH|/C1=O%UWY")^]86|LGXX"H,:6MLDH/Q\RN2 -SJ MH/O<=|.T9^_-HC8-_.]6DJFD-&W(BP-BHQ.A$:FFB4DGLV1:-4U>"$$Q+DNA M*UKETEF.F7=D ;YD1Y $8JB;T -!F]>\[P4:N6&[!Y:0IZI;(?[=??^8%/V MWFY..DQ6/DZ"]D+LH/F\$']WMB(Y8#*[)"\G-7,FNZ^VUU[=)>]JF2,N732G8.C&EL HL$2#6FG^#MMTN__8)9M9;=^4]$1 M?3Q*[KVI2N8NT_8_KT#T8IH6Y-+*78BO,AG^456RDFZ/_MDN*&M7]>_PV_OO>@^0[:M M;ESK@K3T32B**LT2LB#/VYF07I*.2!-AC0J[8QM2-=4\GR29.3-%M< DXK,M9'>ELAR6M!4OWQTFEAB3)M 51@D_S5E5G+D;IK:KFD[H)LIRX0:5[_?7"GW-M6_H_49/"3,BOS\PD;UP7;W\Q*JL^R3SWZ>"F8*H1#QIN6T;'@_VUVVP?6!1- MGZ<_V"DH:!}>R@]HP1T3M'^X&Y)N)._JF%[KGCA*\FG4"0%K&&R!{ _=$);E M$OTTVFAYAH>9-LI<&HS2#XR9,8.OVX$&U\S7[9WPG__Q_:[@_V<>MC5*LJB! M@EQ]X(^\P*C\X1HBO-@U1-@U1-C:.W;7$.%V;,I=0X1=0P0O7*"9 &XF#@K8L$0TW684 MKQ#Z#F!]^]E*;86%D6;K<2VH1/&9TU3 QHRU#'!?YC^NZ[V!-A[G[!MT94\?[/2V!U[]W=&VOUH[

{# M-812BZ|V;_`IT,-J;WT\(FS1GL<6A7VPK]U_J`,UW1P/BD)$0'0$^({@<5<4UY M@G^NZMX<)VE] C1_NF!+G;$DH!;2Y8G'D@M5(9.VB)(Z,>P+ ^*]-.''7.0D%B M4LWU#U/P.YP I7,D+]1;2.7 3L.6);'?W/''L69>?&&% U=(69F@5H;7S6)'= M<7+86%-"V9X$XW2.8(,%!V?N-[8B;&I_^S@1\0:BT\L"\^&*M^+>\]!6&J= MQM+PA6 O8.O:RVW? [3(HX%^+#LQB29X57=$!>#4O8?N'8&SH4^'#R"U P***M'$,-&DD$3PKN;N;@E?QM1.'!AHB/"O5DO2H7'':L!$,WEOG@ELQ" WJQF%FL0 M$,W@;],8PQT@XFED6FGC_4F++0!K*)O0|N*.PTQ6)08S0>7@)6(=&)]%X>Q9 M/11YC\B]C .U/E(X3<|(*>#$D=W_R5A7:&,%9UZ^",]S6 5@EP)MEUTOX4R[BYK[&]6,P6>![ELY5%GK\XSZ3C$P5TY+0SP3PRQ MQB?V>J6/|[W7U6-_S'\,YC=?!,;&W6DDYNF?,%N'R90O%B1VZU0-[/ZC(<)%< MLI!I#SC.93V> (#Z+E2UVG"X' (3+D%YS M?5XZ/^FXF\^]*_ZSQ]=/,-WC@=5|{Z>3F=EH|U$*R$_AQH-E#+AE[FI@#+*#N@Q'2B<>DZ":FK PH@YHS-D3 MC=A/H4A5H>V8BSRTY]%Z;,\U2ON>W-OA@79XH\T>;(<'\N&=!=GB@C<<#;42) M^=\Z]F-T80U]#9";5X%$!I-(*R$_@U1'1*F;9!43&(+,J],67-]E[%3S=62=5+M;/QX4%<%X2B&/Q=%_IO/%SW\[\G^\|\ Z?'^MD"F@?_RB_2JT4O0>? T#?RYL@/JF% MI^Q:,AU3TV@0$K^19\&/IS5L#)>SXQTS'ME$1Q:52>ERZI16QJF$/GE=1W@C`)#_BQX\4LE;3D28%4L;,T"8CG/*2 M'JUFH1 QH&!*]Q9]*6{$V]" (R9[3FGES%&LV/S'<04OB;!Q.T<^]KM70/(V< MU'BC%&:U)HUY9Q%T_/1D^?/P/?3K''/ B0_BTU+9?4\(0F]XITA/0G10.1,6L=I<|P3_726E.*P5F2(&X"|T^LBP/N70@ MHC\]M9\|&P7MDB^*QV_#\;_L&A)|'NE)C@*$C1*C8;+) ^!]JS6%BF[EG)D. MR.DU5;M&=Y_KY:>Y-%2VXA80L)Y<:A+53UO0H%K2#TZ.08|SW2D,20G/RV4F ML 4/+PI8U=$Z!?8,8Y;B<6@4)$P'*?(NWKT%1YOR\U3[A;@.N@)?).6TSI9AG\'#WT=^_MQ ^@1UU.9|#UHO>J5!\V%1?F%MT%]>(\+A@<*=M;:(IIZ:KBDDW|UN>9S>'=! M) ;YV!\|>?H$R'*C6N3YIHWT46<.,#=G^7/,X^|&,\9>;#,Z21X]_4B8R/-F" M_K$SV*'#X<^E3T<>(F3;GM'''BL+@6MC*;\@&S, .;'QS1T]^49TS".XKV5!X MM;//_(0$'?P?G%MD)¥/65S7:5| (;XQ4O0VX*;UUB=XX"[K47K[_K7D@E&Y\ M#S&*.K9C5XQ'RW;E/%)&ZT2JL&=FHE?)2A6"ZKJ$AF!5D_K#I*#\|HUQ&LC20 M?N3]VJH21\"6%#FJ1\Q5)8K#$$$&/3:Z%4_ ,SL3 ,XM%~ +3JV8I-,% +B8- M=$Z_8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D!1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPTUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!=!'WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPTUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ ,8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPTUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPTUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPUO -\[+[@VX MD>/DPCECO:LVIKA*BA)CIQ^1F3 1EEVJ} !S;7!%$+4G&)SA3N6BD!#]> M,F+/%C0) 4CRS^J$[J;\;N*Z65QG=(0%|I*PX-3@*W90!'OD0?P>?3,>JIAH MH= (\55U;8.VM>I_]0E6K'T@*/(;"^\61I2ZG93PRVS(HAA=OB@6(2S98G M*_"61[E^P-9=X-T&! XM*>AZH7__G"#?U9J1_;EL+IX,(JO&677^.LH;_8UC M/E_Y]C9R]+3C*[,4 M%/,H-(UQ(/? @<|%FXM|5[3BZ;)4;^ZVVT&M3,9\WN]M^Z8&DWUM?8!='WM0X M\D=M/A^Z7;&K%_!YH5UW8DAWY=8;DRO2N7AA ,669^OC.6 8Q:BYC<,D7P2A M-G^&U>6V#8GM-2@C9B^-748&@$OC"-2%5N6>_XOO-Q',RCF6+E^^ Z8VMPO#!$K2J'5]/|S);W-B+AQ!T@=9|+$'' 1LW] W,SE;.#L2VZFDH%#W!W*C%8WK>D|RTH)H202M&0U(_UEM&FB]D MCB=A4+O*0,1$WC,ORLSVY;$6(<.#[EN[MT3C!YI$R"MGC"NMP7G[!FXK'G)4*$V"BS8$< "C$=F^!H"?3!D[1<;\[F39[]S8'^@. %]-M@FFYYQ5#PQ4>6#.R2*F?3";ZR-;((=ENIGGI" YMR\)%UUK*2_Y(#|"V+BJ6 MSG#QMT#<*0CHM?C\>THJJ^X""(P<78^B/PL+HQB1X/?+DGTPT

*MO;5X7@LZ9T85[E%5FA;F/PO1RF'W'(.Y1M@M',"Q!7& DH2_879,WY4'S0XD ME X03F"L(B>9?S(.Q&(SQ(I!Z=Q8+>]+5<"]$(3XUQB0C#P-#-O@+*$?,2?:7 M7/SKO+ (0ZQ%P"7&YQ2CF#QE%_#'^<9,J7E2,6_-ZB$?"@'!V]<`!Yf5/&(Z" M:V24-$5U!M!:Y99I)9;HN%UPS# E22;'M111Z@1M/46-A+"R$8-W(7@CM][* M+KM^L47CD;:M O-Q"N17[_3B655[@7-%@.&-Z% M">A/R.(M8C9+62=%#MJ7@ONMWW32]9I,)ZX9I/2N5IH19$C3>AXW>!PE,:WQ M9?X]&>Z,.U<$!; M*D7Q8!V5M)/PA>]7L$!]X"VI-(,L? X72/U0[:/&BU_8+ 7'-Q `IH4 MC!PEQV-Y;5NN @*0#K8X1S(?G7@<&;D2(UNUZ!T#_[51 M;ZEHB^NN<<""\52]XL&Q)^,. S5^\T0K8AZ!D4O"=PWW@.$A*U].6NA&W-M,/%S7AD9EH3Z72^",*Z-LFN5?0T.KI&_RA$\D>#,\|\8.6]YCL6"9>E,*D^]S M_6$=28%U'BD;&X-1H0RZFY.X M%6BLX;STB6U)A6(0R4/-3W('S'$ON.S$"!?$OJ@EC\NC1$LQ6YZ2'&K(M)NC MC5-=<\5A&16^]7=?3J*G+TA7EW*<'&L4OY_IDLXFT1,UN]/PBSE=<_G;A5(? M[^.WTMPDZ,/FZQKILKI5LN)QQ# M<+!)7DKE!)L@/K7N7]'B=`ETL%YB0M-M/>"2ETB_Y%R@+R\L?)6D<;+#V/W!)$&TU(E"N M_6#R>E*3R^HNB/M_/SQ^P)Z*N(Q>5=%D ND_%/N<37A@=] MS:T+ZQ6X095@*O;YC=%2-#M2;],_U59M__MG@0[!Y[7\IM1D"OU\$ ^":>GSIB-PNXL;K$]*¥FSENK?I9:B8,)KM$6K&NY^R*=G3-M,K,MJ#RBO[*+S'9GBR!_%F*I (K "%XPW)TQ9\P+0"JRAH?6]MT(V_^4M MN)^?]9=.H"P]N#W;=",C/L*<)RC(65*_(P+D33],.CYI M.G!S8H:05&\-ZN7/U1H@ 5">:E'(.70^7/_B56+0$6"Q=&6!TROG"@Q%,J^ MHSPZY$%8NMJ/8X\96@^,UKI9&60^:,XYZQU_+W&UGSIXY M$8*K5$]8H2X"B$<]6GJV<QH"B<.P683.KWG]N817(? MQ)BR<;ISJ1%4W,5#TZ[?0"85 M-R=S?,-UF;!A&LYZC=LF6EC:M,^;,76=`THL?@V%ZI\9J1_FBR\&?#2;5CVBG2XA2.\LK($5#SLMP*2;`MM&:?0UV6)?W;8M_|^|*Y=XN,*8MAX]#V9:Y#-)\%S^/CG6W1Y];6H2M-T5LW M_0,57N 66S&G/9>.,]9E2!)D5S3:I&);!GXXNS?@?H"[3YOXV&\B$^,"G7Q3M4HZ_X[K8.B/[[N"A/83YG3_S;OWKQ^H MP:W4,9BY^D+B _4J4/R*K'0_9Y)[N[(6! $WG;8D$)LJZH(W@#T5&*ML6= ^MG$.C 18Q>(BG,MK6DG!8Y 5@F4XtA Q-+=.":/) 3MBUZV9I/A*W-M8ML.I=-!<1@"Q^:HC7=35BZ)1T(5GBM20A$>-]8$"X^"[T09 M72Q5'? U(;?*5L&Q_W7H(95,RYX_(EFM^33,'M%\/9OJHK+)82:CJ&>J;5)9 M5HFO,N(#TJ.!#^G9><9,QD;?YPZW M:P)#EK"->WW0#ZXJ[6\6);?PS\T^0] M<%Q)/VHYZL? Y07W|&W:"$&^Z$X*NLMF!B$SY87&8@Z40925=)-U MV;8/_R>W/95.A_P8T:@]JV:#SUIB4%,.SB0@P,!VL&!=G"@'1QH4]3V#@ZT M@P/MX$#;0S4TASDHM31G:9.O<,*3"U@5ZL*QRVI;U 9V6%Q7OESIWG2);>,. M&*AU,S2F86MYG;&E,**A!87=(2 9+FQDKV}2R=:X,((-1W=OAK M9XBI%" 38+829W7;=)#KM]8+#FC83B)U0C]EO^D;,.MGQJ:SSVRKWJHG)PD3 M"'9+ O"_??HIFW0:JZ/ M.D]FE015XI>E1-A"1,=UB9B#UGGJ?EQ4[HPY3U_"%L0+V8$5A;&BO #5"9=F MDLJ"% (#()+3*4ZS;U#$U#CN?F6UMC VQ^^*C3G1HKMCH]XA M]S.@H/:^J3HNGX^;&Q8FE;BXJBW"+2?5EHIKZ.=TQ*G=43_T(BY(-POI!fG MCF[757KT7*!-=+A)J>E6_! [+5\)6)R'2^N\3"RGD$W7@^QJG/(4%9$,9F M^<'S'E'T',)B^>\)5YD)PP*XQ:*/>XF[F05O@8+AW+Q-:+TH_*;I,#,/!{TDQ$R0 M$) T%)3>H]N*<>.+IE=1%7[>R]0X\]I> <9UN<+(@$G4LD5CSB6Z70;*73L6 M-?$8+Q3OP+0=$NV(I,5=0L+;(-,*K>NAML-L<@1\\97*V^3(YYR<@(3B$TKA%&E7Q1.2I-7<90%TS2E9U5M:5KX/;:" M-\ADT^DF%65Z7LY?!L?Q>N6 M RU*KEI](A SI1K0?BAK7"KF G#%V>R8A"T0:*K(C=]\1!0#,`->+,[:"I6- M>]N*1Q>"",.$9+9R_Q)>D;<]=59F:G')K#A22!Y[-9&7^7&$ME!7LM!(HJF+R8<4P* (L/IRZC]D@.4.%#?PZQ$YRU M\IP5R\" "9D%HT4.^O!Y7S3-TH6M2N(4;E3; C@%8_&P$4(FJOHVJ%#A-M3TG?4DEN@(PMW%TMD@ZY.OU$'(2N/R,UI?)6W6/H94'Z*%6GMBN\|.WJ M&I/:5NH!4]%0 ^:P6U\,>14CIGGA??S&-P2;*#V H@(!XI4"-Q =D1VHK/T MWT"P0K:0Y1WMOPKFZ8@2BC Y+CEX]H%636HS.@ !W.$*#.9Q2&(^ M\!-=NIWKE#A3^9FI/,((@*>@]EW?*_NTD:),J2!(>_24E(SS4L,.S$&C=7]W M2[XY1\TPIU5HT#/EL\BBQ_NL:M:H2M_7S1]/S)V MU"WA*^2X$=?1XZ_/_;>M+EM;$D3_BL(|>U!503%XJK% M[E1*EGVU;0M>22YZZWY,@&2AR+*(, &0,FJ7__F=A:0@$3*%6@>$)[/=+I$$ MSI(G3RY//FGU+4Z*I8RX]N*.0+D.'%9L;. M-IPIK$WA M'J>)KF/L#HE!M,VXV.0WUV!=&M0O5\X2&F8],H"W2SX^KQZOO&0PK8)991\8VFT47E*T/!!FR5 MB$$AE 5+D14NX)NP,#]1F%/:HJ697GQC%(2{2+SR&,TE>D;R_)'9=# M/YY!:UQ).8G47,9NIRM-%NW@U6 &>)WI,E9(GAE,.0&7&D]$G 6PTD<,Y+U MKC76CR)5F]&%+47!\Y1*%<2J<(Q]_<+EJRX5H8N"+/6%C%,Z^NNCIN\D/G MAC"L4YK<"^F?,)-D3_CP1-0%+]<&C-&D"=E(:!8LVV]#(PDV,8<&VGC1/S8 MW .6FQOFFB?F4.X%4*2E"A|,.Z'31'R!/O!V>'L@H5X-$JI!0C5(:%-LQ1HD %1(.$;I:!0=4!"?RR :/O33S$4X" %K/$(71?)*-ERQ$);)<=_:VG88UZ9*=OQP@RH43!?:RA!-W^`6I\&5(X3)G8/@=-?'# ML5M* ],1"RH8KF2+V|KG\'!|GKL^HZ7T(P*H(T@FYG&*QZAY .-RQU.8Y1J9. MJTPM?LE%^3,N@9$[8>R8E7FK-3>[1%:=7]XA*?AZ*C)WP?&F^@ZN& GU:, ^E MN#Y^:5USO^A54B@OMJSI@!0P3- ZB&]C$_$#*:<>@+!1QKX:;M.)WJ:W27-[ M'.O*[8053A8C.K9O7-R4)0%E"X^#(#3>=&QF^:"%WB^7-]^KPOC<"(Z.B\J MH34=&7-WTBYV0Q/4W^`+))+F2YC.SH!B6(O$\?G;Z*9)>&X M1IE_JRN@V1M<*(^VBV"+LJSBR7Q(:/PX3,K_\!%J9Z)!!$;XVTB3\9JN%;B5 MH MK9A*:")(+ P<(D5H(WY&RL]3K0A_%!U7SC4CS#\V^A'QH(1'@:]Q@*!Q6W)#1 M]H2HB52B.!=F/.]I*]+=]]+!--V_IL;]B0TD>N*!($-RHA6DU[+-R>,@5[7A(]VHQ!7).LZ$4AA X@R*U!SH,W'+#HW0PUEGO27L_*(7"9D"6N M#.JI`)AH4J_PQA"P[) MDCL4\TSU:13R!VND[]5$GL7A*AMTPIUO*M$]6@2 M8[P6SX3)(^_MTVGU6MXV+BZBXC]M]Z? PC/^+5_@$3Z>_M=__TO0..7%U'C;W M)4ZVZ\]I:586&$6CL?`M-KX=')?VC M#%?;^\H30(F>2AI3WH[DC1X7T$'-O!3W_NN;G5_$>T4 MY3:$2P9\&FW:2 1?@U6W74?Y./!&U8*J_" N_Z+C=I"BI63# 63*I!9T=]_M5C!N=ÐO5Z_9[:(@0S**L:2+MI*SO-V.0?R<.\"*)_N^C\)"K#*$U_T3;?]S,)0[-MQ&<#S@M=]IX3Z MP'H/R;W(\ZPUQ1G'7,.:.392]KOWUK42GX=M-]@S'"=DEQ;6A7 + 9I# M=>DF^VE@1%O+N24W(K+T6'F4913)09"+N\XL[D0.[)8+6!$]T?N[UX-?C8_A M!7#UIWL/:!.ZFR ;-73F'M..4UV!E\O%"[YLK(T%'YP4%LSEI\I70#X8S(?) M.]5V|E*[8=]Y&;3@8>6S>5OW-L#%O=K8'$- M+*Z!Q9OBA=?`XAI8? ,.!P46UP.6(QE8)DZ1;W0 =11V84Y$6U=V.E@ZO'W&)+6:T\VBZ!;DCA-L?FOCPAD0(<)..4Q-RO-JZ#?N%3+ M&5GN=#WE#PS3$&FLX#8*;$N_&1\QI8^D9 H-@%*B)X^>#],Z2-+U\8^:BI]3T MF\5A%Z92',F//!S2G-1U<@"4&750W]A%D+]S5/-48EX/&-%Y:GY*5,*6R@F<4R3;R^X(?' EJU!?XN ; MM14&*M*GQ /#3A!)/+5-JI6Y(=!A+>%9$EQ=P7X(>IB_]T/C+F5/B!9)0D8> MGQHD Y6T6 .K-RA&[F@Y0R$V)D8TY"O2#*&H !'P1SBO'|@9#_==PN<,3AT7 MW2[;> <'E]N M8S>7!#PDLFO!SEO/"L69HABZRQBX*AD6W3G1 (MQLV43& M/5PJ2KP@KSFV<$UR,,/R6(X./,CDSH@X/LPO&(-2OV# MT^+7(/Q,.!P[_^VF'KZ#R;QSN*,MP@NEV#D,]6]L_PI^TNXV#W5:SBW7> MH43OS?A\`LX'-22GD5/9W7:#W =V"4IER&$A1=Q9DG'3UHCA2A39RP5P C%R MWY7*T0R31K %H1IG[SJ=9K]0,__"? LIEO=MI-_?;L^R%Y(UY|: MLK9>#/(!%N\]F%C7R@[%+E?&8!)!U&1PJ+:>B5W- M7'!D":1+L^4&^#>NI1KG"8B2@;K%I^P;.Y@E:025./^=9'6./#-,$W 2PT2]4 M/N>24\R05L(F35!(GTGSAG3!EO-(*N-[7I|73!CKMCQE)/;,=>4@ MJ*-EA\@XD>FPJ&U-$]HL(U+SL7R%T14)1C[MJ8]NO\L_TZ^]M_S)MQQ.I)#(M##"TG(-.(T\E!],5CHI,L8_62,?8\$MQXH2D"7D=*F.S&)5OW-L#%O=K8'$- M+*Z!Q9OBA=?`XAI8? ,.!P46UP.6(QE8)DZ1;W0 =11V84Y$6U=V.E@ZO'W&)+6:T\VBZ!;DCA-L?FOCPAD0(<)..4Q-RO-JZ#?N%3+ M&5GN=#WE#PS3$&FLX#8*;$N_&1\QI8^D9 H-@%*B)X^>#].Z2-+U\8^:BI]3T MF\5A%Z92',F//!S2G-1U<@"4&750W]A%D+]S5/-48EX/&-%Y:GY*5,*6R@F<4R3;R^X(?' EJU!?XN ; MM14&*M*GQ /#3A!)/+5-JI6Y(=!A+>%9$EQ=P7X(>IB_]T/C+F5/B!9)0D8> MGQHD Y6T6 .K-RA&[F@Y0R$V)D8TY"O2#*&H !'P1SBO'|@9#_==PN<,3AT7 MW2[;> <'E]N M8S>7!#PDLFO!SEO/"L69HABZRQBX*AD6W3G1 (MQLV43& M/5PJ2KP@KSFV<$UR,,/R6(X./,CDSH@X/LPO&(-2OV# MT^+7(/Q,.!P[_^VF'KZ#R;QSN*,MP@NEV#D,]6]L_PI^TNXV#W5:SBW7> MH43OS?A\`LX'-22GD5/9W7:#W =V"4IER&$A1=Q9DG'3UHCA2A39RP5P C%R MWY7*T0R31K %H1IG[SJ=9K]0,__"? LIEO=MI-_?;L^R%Y(UY|: MLK9>#/(!%N\]F%C7R@[%+E?&8!)!U&1PJ+:>B5W- M7'!D":1+L^4&^#>NI1KG"8B2@;K%I^P;.Y@E:025./^=9'6./#-,$W 2PT2]4 M/N>24\R05L(F35!(GTGSAG3!EO-(*N-[7I|73!CKMCQE)/;,=>4@ MJ*-EA\@XD>FPJ&U-$]HL(U+SL7R%T14)1C[MJ8]NO\L_TZ^]M_S)MQQ.I)#(M##"TG(-.(T\E!],5CHI,L8_62,?8\$MQXH2D"7D=*F.S&)5OW-L#%O=K8'$- M+*Z!Q9OBA=?`XAI8? ,.!P46UP.6(QE8)DZ1;W0 =11V84Y$6U=V.E@ZO'W&)+6:T\VBZ!;DCA-L?FOCPAD0(<)..4Q-RO-JZ#?N%3+ M&5GN=#WE#PS3$&FLX#8*;$N_&1\QI8^D9 H-@%*B)X^>#],

E(P>@NOC:\H_.3BR.V=>$OAWP=T,@#+@X'E6)[TYO+:SW, MQ;K__:;!_^VG8=&K#4;NW\EY-<$@8.2E'I1CPEH'&S-=@!T "2 ML!+%FCU"7(FS>5'
[O@E*/D#]&=)V;QSEE2.VN47QV\ZO*KM8SI3:RM^Q"DPWE*:%;JQZI9UN#> MC)"LC[!.%$&!=TY42-$(I^F,(9$0E'UI@\F-ITFY:Z^/XG_^'02^=V8.=14W M^URK"=8/#6_+H,1VO((Y-
K:,LDA82V"<<,R$.[%1Z^X4PY15O M_M(,U]KZI5^[&_\ BW1S=O[(T/*@PN,^E]46@S\45E.1C@=3+9N$2&E.?574 M#V:RZ7;Z#1B#EV(!&*8&L FE\D=2#X:0JB
D^X0M5"J"^@*&&%AVU__JN&= M@(7C1WZE#_W1Q$=0)W9K'GMG5(V"695W'+,AQ3>YT67^'^4?#4AN:'TB))Z M/P7&]'1]7,$#S3L8M,@H@ZL0S43H'<41RK?3%8W*?,-<1\;Z-
2YV^W?%]Y] MX.\8RVQ2V]_,53)?'!)\2VP%?P$SGQF@##=6/)W.(Z[DHY:&(Q[/<#B?!:9S M%Q&EPG,/PZ5E<"::P E"GN0P4%&JV;$(8NT@[7&5\:%,]JY&TI(\];8#\D!_
M,7Z&+^3\$3>.)!?AA,I7B.Z9*(HU)DOG9V>^."O^-)YK=!3U4:)JQCD2U0K) M)8; 4SFOV)H>:>NSR7(C>P.Z1%&"![H-,;53Q6DPER4?5D;K [@20N(_1[9+ M$AHV&N-D2=RX.2?
5SV+*C;\:*<2HX/[A6NB*)+V!93QOQ-Y^ZU9;@O,$IR U MC)N2VN-B4J0;2X)KGYM-X0;?4A?W48SC;GB3^_;3> V]-IK:U129H83P#AO$ MOGVTE"_18SU_])=/G&_H[\X'(?P8V>-
NB)64WC&?,4$>"Q^?$D*KY[:"UAYW MP^6E=K?&[@%(;J8KCY5)[9=:]MCR71/.C:BJ*LA"9"3WX6_TZ=0?J;RH1,A& M[IO^!?AX_%$J)YG7?B<>[\ \Z6S<+5=Q4B16^M4-4Z^
Q';VM0W*XVKZ5NYV MB6UD45.RXKC" (2XO\CW%FM5;JKZ\/12M;_;;7J?CS\= M?D:O]^CX^,/)Z:=*NKT?A6@O'2;!3(LO'CCN
)/KNIXJM5ZO;SQN[O*OE(7MP:9^<'GL7AQ^/+__T/IQ<"T^N_AV7LTXRFF<.65/ M-9^BA51T'H-/L=]_##[%@X,"%$8-M7AAJ$5./%=/1CV35!=E9>_:OJ^'YY?> MR'IY=B6ET0'>39J7?\
M?[Z=7/[9@&]\/KPDKLBSH__ZU]GG#\?G\(#+R^/S"^_P](-W/'XCO9T.XM#;.CUI;E70BM_Z[5]< M_4[Q-B9X*"++RZT81B 0)Y"%S+0B%0@>U>%1%X]@[$2GU##T$XMPEGJ(.976
MC.?X=?+'D(;HV@]";BI_29T&",J!Z(&Q2O 1_'[X+7$',(.*FXWT3"*2B0"1 MRETW#Y 7(UQ\H%3$A.DT-.Z284>/F"''&&W@I\@MX]^R[4,A'NTVDA 81/ M;_FH!@G\[+;A??'A?
QW.KV!K&2%TBJU(8(04LD',QO_VHSFQ\A-7_:#4[^RU$//%&-MPAZY')ZUKR.FSS:?'Z" M!(1QC;&C M/'P$$S(H(EH%M_VAB78[J\S:UJYE_O-JBF;JZ@PQON5@.N7<(Z_=:[1WVSD=
MO'QJ<7=ZNP>-@^Y!8[=[8)2YU9657*1+#N[.)@)=(9;41+@%A_/IW##'8** M)LUK ^L"IRVZ_S8;BVPQ.1!]IECV%VZ5]H%N UGP8:=G.8B6AB5#T6]*_:EY MG=Q-%__+G\[>?
7ZK9:)6'^ Z?[O&*/FWS)I/P:O'A;04:RZE<:;#J977IH, M[D5!3]V'V;_W&KOM7M;"P&M[GYK]N-]_A7HE5UC M@F'HA_(:>B-_+(&8W79W]@-#-
E43/=@RQ9T8!4E,^HL%,D!#@CH$P^9R1/K@XPB!,=F M.)>,&&88B4TVG4\I@QLPB;-MMH1V7EMT!'\MM49@HNPW-W5EUR22^6KZ8\', MC^%,@!9TQ
KD[@1;,B:T((=CE$=:2OV[)'U9DC[-WXSP:<*/9Q/D74,7LQA! MR1E7GFAJ)\H])A/B#4!G5?PI(VDGT;")N=UT[G,&^D+(G]H=<\78I[E'$#]N M'W3A^D)KS:2'\>F8R4?
C#53%&+_&R7T'@^';!9_9!:_3(B8MTGV4M,C^H[29 MZM3%J97*F%2Q?N=>:,%NTSL_OC@^_^_C#W55:AWRKT/^KRODGP<\;09*H]Q7 M?
GOV2.\Q[)'=]F/8(_O]FBZCMDA>W")A[VL/,0^GAY^.L<^E 3H@6NW;Q<7) MV2D!&> +G_^\."$ P\>3T\/3HY/#S][1V>F'DTO]'3!NOGV^I*]@P> A?E#S
M;]263FWIO")+ITNF349JU!@%":B5'>PKX\]2]4[_X_TH2&>A?_LNB.BM]*.' M1- /#IK[_2Y>DED"_S/2+Y;[LPFS^'7Y[P?=9JO7+?RHU6P7_KWL4;WF7G_O MSB?]2B/CT<'\
<4'_N=7=LA;""!,G[SJS'UZ[4-LMK@(OP//K0#)&3N">^&'$ M(AL]8%ILZVW4K+Z"F9:;U#V;)G*--Q1,SB,'>%NIXMGDV7FN# M;+R[Q[*ZC;?;V_KM^(<:SBD%>3&?
@KZY73;R[A#JQ]QV(^_%.T\51/6^/]:^ M=_LE&_UP[;S269;?[^"7W[7;S4[_+O^_WM4U/+86V*5\AL5I*ZHF.E?I/"QR MY1YV==4'^:6WO+O_O
>YWKC'V+@#I."@DT@9:2'>D=)#EU.B/J:O8[>[!_5] M^[IV=;]30@55']G7L;F]5GUD7]FN[A?2=]4']G5L;:];F\(;,I;5-^Z@M_7; MY^!_YL&(^D4B?88_0]PGNJK,=5N?T-
>RT;T'.JLZ.X+,89):6.%;];'?7&EH MM_M;OWWQD^\J8UYB=('#&-O"UN?]]>QPOU-?R1LREG5V#HPHK8ZL:5!]:E\ M-7O;O]-0_I7 !P__^_5^ENWN!5E\MGX[_O^.C[Y=GOSWL7?
Q[7T'1W=SH6SO>VMDN=N M_6+;1-MFAJ80UW?>2&TW;#5[XH31-?7C+$:\(GZJ*]"I+FKJWTH[:%UB+S]N MN+^03TS?3*(0]8<3Y3QE0!2T5 G)HX6/XE3IAH@72GE;Q!)HVS>
'KV!?^Z$ MH$86K\M>HUT:6AX6VZ;!OB,Z2,&"F0%*_Z+F+A]8B8AZH#%^0[]>6KF M25P6P1BIOZ>F,7K3,V3@^")#!+Z%=66TGURIR0-2Q@]IT0@+8HY[?)1+G&"MF?
7('>O5$/K/APPGZNI]-?9R)K'AY_* #D6L)$) MRR0(+)9Z8HTH[9UA09$U*NU&XA8OXR?IA/J<#%""?*(*L;17[HA$E40X_/N MWS.7)WB-K2;A6*
<[237V\@]%-9I(7ANIY.J6R%6HO2JR%D2W3FWT5V8(UI7] M_Y(O'LD7I3"STVKUO1M20?D>'$C9/@^I>[0^%L2P#8MY)=30AHA7GQ<>A&;$ MIF'!:L53+!J'#4F#'ZR\4F)
(9@;@3"VP=&/5>%[:X#E8*3ZE(E=-M8*Z"7Z\ M8X?G=LVQ!.$I 1M@B4=_!WUCR)!A??S9!:G1.^-JNP&CT% : C^#L,P106\ M*^Q008IK,3Y<20E#EO?K0.L&+MCWD2!I&B##-
%PE\34S3S"9U9R(K40:D9H@ M0@HBV%[U V\6XD * VR#FX*M@RPQ84 +*C^A^V:44'_I:S]D?A;G5B=B*RG[?,JP*_AY[1,LDI,%$(K>97$ M-]F$B!Y
+US'(1T]65\P^KEA%]'EX#&W2S..AW/B%PJFI/C1N.!9B=:%G:*3 MW9".8>Z1=OH6-[@P'#]U2(#P&2$6DPM3B=MJG7MH87P4V#":WT2'U&H- MRZ1$)/"\=DOZA[0-#D-
%*7=9,X,$JPVI+^3A/*W1G"8"$DUW8(K:(C3ZB%8! M?@[F(*TNTRZDS/MQT -U6?A?&M4JEIO8X_H 5'*X^U(\[#N\(M-FHASO47+AB@!U2ZV60@:\J2^)0S:=P*>6>0&."K?E6[O=?
5RC)@QIMQ#%<(4['+0?P+_E>DX*3&:(:FU@8)8K- M&<(09> NRIB-*3LA%IVS:UQ^=?/N17D;0*65Z(=O"W46W M;$YTJ*,.NYZC:]
(,HD>0:R.=DYYEHPXE*!,I(DWFMIBG]I*.>L%-./QZ0MJ" MGTYW,/[V_G_.32^-G:<[\.I:> PC>5"AJ_\H]WL>Z#B0[):HL6+>QK#0?T'KIGJK-#39]F8XK#.,;7 /NZC @ MMX"
[:XX4')F0:0+Y?+&O>:.XI0LV&-%;\ATN3&UI#5W39Z.:62V7\.QA/),M MQTMS/;Q[H8N21N-IGY>67"LL[3V8,>K5OA7G+:"&3\9=]'+]G=EXGN@MQ - M[@K;86S0-Z0?
$EIP69!HLDW6"*P;]#T\!#=D!TZH&A7>LZ!\0<7OLXKWK9*? M@C\,;T;203C5?ZLDWM$V:>%SW'L8SG_B7V$_FTC8XX*9RJDK:K";TWQV9OC9 M2*&%JJYCK30,T
MO*^P%#5]@J5/Z)?3)]1,")LQE@UD0MC8.W43N!&\;6,C_[+Z"M:\"#4O0LV+ M\.R\"]5AIM@3!>;K]M;9/R@H8.I:O06P(\G/7CC2VSB1DGK2C91*0LRHF%C M?(2#>Z/;"
(8WU(8OQB+2H3]3:V[>X2R+4YK1\H3:*TWHQ>A.Z>V'R]T8M/M% MIB_%7K0/SDU#$UBR&^-NB^%LPF4-G3,P/5M_OSS$^_,:Z^_'#X*(4E]3-*TI MS#,#\Y\;A8[!>6_M]KTO?S
Y.OTK4=C:$RU4SI#KEW_]>FAC=.(*E#^?G/+= M5@N?2+.CB >UE5B:YT) JWB^,*N%UZ\RN7TSN?XN_*N1FUU#O(.?GR$QP_+J MRVZP"[.\V9(=Y) U+8P)&9Z &C?!1P[7FU>-
@ZMYPI&LW$($4>Z%!DF")^X2 M8_@J P?GCP#F*;^AQ3X;9C&.B".X$L7"XTNMGD=Z\EJR$NG_@-@U:9ZJKK$) M;2A]9G'X"Z_#Q<1T%XT7UQG;BDAZ'CMU1#%%\&$MJ,
<$9=HP^ @?'7T].K5$ MW[@L-&@>K/Z3?3%&!)UVID+F>^3#*F*CD0_S*$J]WY-@!%)T>G!\VD!@9O/B_E2.NF?_#&X+/CKU2*+ZC".'C MB+9&0TBH8*33B-S/PR2I:%;4-
&"DM;7>8']D"U+3Y.;/DITS8P3_1Z!9.$5@F? 8NOL5YV[!L-E MB!6"G<+ M%@I^O*AWN6S*^Q\16?'!-OC 8V:,$0 M(&&XTDS-4D>WN;_%$PGJE)IN>8[;/N(VZG2?#&3
37BJ/D>H,+*"+6&(':; 7.S,8BJ,!8*N=;LRUYB@@:4K M^(&S6J *FD87% D/9ND$V, P #>M+_=W&H24!V@L[5.NC3N%^71\4F,*EBY# M-XEG,H&Z+PG\>,YYJ;&^IVB)(O[JCP#!A7
I]M@L*%HT)^YHUL\T3F?E28VY M8!/8^,MTEPNY#E!)/M+B!BF;98B$&$I^+QX.YTGAF46<6N@.".%K.L6)MQL= MT@9#4D#NX/_F=$.#171
@"FZ3N%U7S#I9HR>5\FQ278_*U^3:J3L*ATT[.P. MZS$-LLQ>OV3@P 89T_';=IF?\S77ZJANXYL6;!/JENEC#AUF#+\UQXB:LB1 M'YYC&T0CM\U):G"V.KG@IH=#3-
P)FH=D&B0$3&B*2+O=L10833$Z@Z[M&M,I M%PQ*@Y3.,=B0%N62S$E-4^Y#@X1(?+0^1R0.V4.21ISK3"39V2GZ'CXUDP&5 MD-A,L8;:H!V*;;YT"BR*"6D;@8X8!7![&+
<,OI8$!!$2""]N F54[73=J=$8 M!K#BB/LJ^0YU =/:FSJPQZ""R?P:^*EJR*4' LP'+S7&ZZ\FQM=6E1:3>_>>81/42ISGK@DLP@N=>>B
MUZ4A,"M1KM2B"DTB!D4QXD12>]=!$D=3]8+ZD BB"1D*[T 87TN$"_6#9%9AW:)(:1>C "-F,24VRLCAARG81@IS_ M-FIOE81I+BQS8^7%H'-(FX,GNU.0 &8+VIKE)
(U@M4:PP%>DXO45,KD=P4!5 MM!".<:RGUR$(Q1'D//CEI: *',>G##EJO5D2I&KG!F^,;!F<@]@B>0-G[!Q6,L9.PHQ=NFP8V!.@O MX:,8;^]@=1?QA'.Z!]
(,KL(I.;0WV,!8GH'!#*N!=%T"+85&("O$Y&;:T50Y M6RN@4W>-W7,=68=+>OA=Q]7(S\3:*,3TVS?984KK*=2Q<#'J@P?K.9R 2@A% ML[.^E,%K0R10 J";Q#?
X0Q5=:?]56P#F(EZ"J5_ZWZGK[Y7"<]W(5S)@O]:_MM6UI%Y<&#-(28^.LOW/ZRU5O\GMMVFB$NEQW,#0,_9E]GK)'8X"C!KF+P/.\ M.-+UJ@,#%B*HW6=1=A:!-L,67'I6?
QQ^T3JRP34I6O2M3:DO,NU^VFTR&;CQD8_"SX<3=)Z=.BS?)5B*A6&'[9#TRCK_1J*Q0"XR.<""Z DDL*^/@ MY@!]2Y>_?:&V9!; N-Q%SD_3>,@(&%I5O&66'NQ8(VY%52%:U
8RBN)YKQ-+ M4%)GJ]V>8VLAOBR(>\$(F<81FN92 JJKUO#X4O4*HZZH&.86S881V;\< 8#' M<$Q8BPC;!KK8,E=H.H^DC3G[GR +YFO>B$=R%<8#:A^)Y4M7C&%,_!OW>3P:
M!H2.\N^'1\.0=-SKFAO#LNQ=B\T-(IW,9Z:=,V$BRP:5 RK3U:&4QJ*RGJ)6 ME8LG1]?DVLF18S7'QCMXJ5U*?.H'IS](KZ N)RL+UIDBKQ2-D8(*S$VD!@3;
MH+^9$D_W>.NBUQJ89H!INS4PK0:F5?,RJ8%I-3"M!J;5P+3- *9MK$K<^@W] M*\<*&OKIQ!LCSJ*Q0/8P-(0M0\WR8%E!,+J%Z>504Z:HD4,4(F0E3<_E*FEX M6X;$H>$9,Q]?
ZA"]I5NK4(CD.#ZH8&>C*F[NI'48$["+C%]MI8[(_P-'G#.> M,#E=66QB! DMHI?YH:0+"(?#A=-BRD]Y%35]*A4+EQ$X[JM2QK;X&3U5 HID MA?/C;2I#5UJSW4VL-
A3PH"P01K(F\RGEP9F2TX12MYW<1H.\(('$<'")0MNY M$APJ#L< JDLQ8@-?OPAMR91)<\A'LK$"O0RV"!OQ"5>\QA.?ZU7M$@NK@4R? M_G,V4Y*@L0Y8 F[3/;C0L>'
B2FD1P<ONO/1H:W>DD?RB*P2E'V;5Q'&?@ M!F$ZZA9!2?R]<:A^< *! FQ)@G$MJ3F;4#-UG6%PTOR^-\ 8HTJ6GXVSH+_,
M/CQ2"I%D>E_O/:%G3I3RF8]C5:U,+BF4PT=>+BZ9BVJ@[#43C-ABX!Z#@N$C MBA0@N:72&+=R< EX&TF?B6YA\#<>,4T+'G,!3V+X M2HWL(.A-
XLIC3:RXVXL#9^6#F#T!_F$HDB/'XW"N!.-ADQ%NQ"N2-*2S,/#+ MIG=$<=N448%ZL!(<&,7$,%06'/;8'P/]91D=!)+'>9>9!-X&Q*03&!C5++\ M;$P=ZP>ASC#W'E-8:
(IA!L\14M"!S>EW+SQ5'I@RJNY1SU3C+I">ILK*@?4* M&&L:6VL_I0CRAS_=*B%C;6Y5[,2V.P5Y1=;:2B+/D92@FLPO)]D-] %SU%$J M["P_9K00!.]BUJ,R 3*_)R8!#!*&K-
D:7/$;T]F2VTX?]&2W4[])U+Z)8AB MRJV?Z*6E/"$CC%\J24@#],ZB/*0=]7A#XZ)C&*5B9+A!<..N&_X^Y:TRPX;W M>^@/OQ-+@ &H"P58ZIT4_.E$:#(TWPQ%&\E
Q/L@0G(9XHX1BL:,XK2?X?+A M_ZOCOH9>["I1;,QM$S?@Y\]'IF];O^!$ZO\]O8YZ1UK[(TWGPE32V[CD%]')L%@ MT2F)0%J\% OK#QH9G:YU=\$2:]C]*'X=[Y)^_,)N,6P.@9-
F]FE^^MX4#KUW MC38X/"A(].9,]"LL+UWA.ZC4(]*IX#AQ[%'B@P0IV#J-(W)WXA#3A$;LTP(J M2.9T684.LD@;V[WBP_1 X/K;2Q+LE2<)5B?!Q=9T=6:ASBQ4U.>K,PMU9J'.
M+-29A4W(+.1YXE_H?*_167C3P_2'PB;L(+:="2TSR^NR)Z0W3#TV>[7KQ_> M=7+0"R2S'O[1:5#$> ;/8>C:0(7QS;LU+D-GY[D'H) 8:QN3FJ_#LH7^+%7O
M]#_>ZSY(0423IQ^]SS\=K:K%'BJX/_RQ&%P'!\W^;AMM+FG4(B\69!IU?X4:O9+OQ[V:,.FKV]SEI/*O][OUN/Z3G'U&XU6[O%'[WPH.Y^ MU(J-B5K8UJ:\%=EK_]K!*IU^V(TM[?
7SJ+K_8(4&.EN_??2OP:!'';K]+1KK M_[#6]>-WIKJGL]$3W82KK<:?<*%YQX7WV9-85F94],!WF%$.ABN,L_&2G-0/ M'?0V8EZ9S#9M4$'(+,/D-]<48@'\'+SJ!T -_NU#N/-
W4Q;]'XA>]Y9*%[.(?WCZN"GR;8NO**];SKM.GEI.8^ M57#_RM1+2^=0+VVG8&GON>:Q5(U)OG=DP,.A4N/Q^]*UNV?YY'HJ[ESY BK: M)I7.L1QDKM+%H_MH*]'RUA6G%UB/?
SS=]-UI4RO+39IWO]'K]YM/;/#=>5+9 MYGRRY<=/U]J&N.A4N]'N=IJ=RD6GGMG@N_/855PPBK>EW>AWN\UNO3L;N3N=
M1KO=:O;KW=G(W>FUVLUVO3<;N3?]O;UFYV7VYJ%N6>4,JC/B,5C#$;M+T@H6 M8=,DK02CT]C?W6OVJF-:W2%N3Z&"%EZWM@JJ@&"47=Z[>[MKA_7KW7FNW>GM
M]=8V?.O=>:98:_N@U=Q?/=9:[\LS[4NGU5DGH_-(^_+606:7,;*&/9*E]2C8 M@8TSP[J-@X.#YFYUS+#7D+]_$_)6XOPW.JV#YD&]Z6]KT_O[O>9^O>EO:=,[M[=9#
^3UEE=SR[O@&FZB:J\1'QF370WCJ?)^)L[X$V"LC3-]VU1ZT*^.Z;NN M5#ZU'_] ';.K%;.R5"GH+]V,K+>ZXKN]6Y_;4.WWNM*[O5NJ]FJ=_H-['3G MH+FW:1O]2/##S3!4+?
^@1MQ6+FW T[.WA4+<[O4[S;VU$?0U6.:) M!72[M]]N[M;[LG'[TFT=-'OUOFS:OG3V'QH=JK?FJ8],>Z_S@"*M#<'\;;(5 M(T&W2__'6T/XM?
O[52+VJ+$PS^0W=P\>&@VK]^;)8QJ]&GFYH7NSW=Y?Q]FH MM^69C-K^VL4L%47WE1=1O"BY;+'Q<:HRR7?>PVOXFK/TQ4NSW^LU]ZICE]68
MD(I(6_%N[^[UWB0'V1O>\KV#=@WV>UM;WMZKP7YO;,NWV^V]!T39-Q+H]U"K M]T46'DW;[3!.TU^\@(.+V&H^&,RY/0_V\,XWN=3-37_"$JZ >U9F[#:[U;%U
M:Z?]N3*$!\V#.I:R<=O2?HDJR7I;[M^6WCK)P7I?GBGTN/=2P?I'#SV^PKCC MDE5V&ES$\V3XE ')C1;BX@7;VVU5B06FVES+KU_(2B)2[?4Y2^J=KN).[]=Z
M#R67JW>Z4CO=VZTW^DUL]/;^P3J<1M7CCZ^F_5N\65\3-59)HD8>#"X8J6B4 M4D-R^(N:SK"" SN23X/Y].>CD94-J)>4>71:ZU1Y/$"J7JR<[*=46M5WNZS' M2^H?7?A#J
M,.U1/)V"E7HQ\1,UB4-8B+2&D"[&T[H'-82T1AH]%X1TM[TV 4.]Y97>\KW> MP=KD*O665WO+]^L=?UL[OKV_]YAM;E_$8GZ.V*[\?@>__*[=;G;ZA27O+[.) MO_MI,/2._22"
(:;>5Y6PZ5QL,S^M6_AR_7Z+S>35^_VN/?T-.=@EE?_-W>]! M;C?B%GEHZ.6UGJN?[:-=U7-54F73[+_%N&(MW&]#N/?7K1-]T\+]EB6[0F+= M:K8>6ZPW1J9K@7Z# KW= @?
T\5+9+YWDX@<]HM?^(IOR(0CGF1K]O!^^PN)L M\CG]63]\[>EOR%$M]<,[U?'#UUW[YXOFWCV6E2Z_BI^KG[W_JGJNRER5WL_Q
MF]3"70OWY@KWWL_EX39>N)]"OFL1KY:4MYKMGV,E6]5OJ 5] W;[#0LZNNOK M$[L_M9"3T_XKE<9KU]1)>$_]Y"J(]-OWGR7;W6[=MYP=:DHS4=[4_RM.@NS6 MB\=>!O\]C-
,LQ?]0D4JN;KT@\F#H$R]55U,5P4?@AGM9 FNM1O+E;.)G].>9 MGZ;PUVP"NW U\49!HH99>(M 5'HT3#:>JJ3A)2J=AQG3.7DP;_4_EY-W[JS9(9@ICA$_H1Q-XD4K, C7HZ;"A
MN%EV8QO>* G@&]X MGZ>>,BQ%<#W<9FO59KA9N/04G^LLEO'^K)-Y1TR!-L1SN"A_N4V4<#.U&A2'^7SW5D7?X\=N'(WS8+$YD M2PM[(C6<:<&;??
PNLDZ#*L!GP4WT3PP1&L69CPL#[,HRCU?D^" MT97R3D[@,?%?(#UIT_N9-0]@F7TX_3Z]E$04UTU6>J1F(.@!3UO]F*DHM809 M/'!I>G-['-@4O*9.^+52-*\,?PAOL$_
M\=F.TOETR@.5\\Y+ZGT)(E8#)_JGEPD(N$][TO0N%'PSSI2WV_"VCO]G#M]L M;,'3$P]U)WX')A1$\ =^>B5/YP!K]Q1',ZG@\!W/J!?R8XX?P5IS28@@U_\R+]2>#+A M"-B'-
[W[5ALCU0>;L]0\CI$:QCS#=W!GJP2_M?7;W2W2*B1-J&^&$S^Z4E;+ MC9QI\6EF/0[R!/J%507\H4L*Q^IUHZA%$81Q=+4#QW0*#QQD]K3KQUD-I14> MR1 I7^&/8M5&LV;.
<2L#_XH'#\:9I@'"H\IM3 M]J&'@-E9G-)+WY%Q!+]_?Q.,LHFX2>ZO1#6V[$_\ ^+G.N,@%-(B/: M[S=QW5=8LGO/YWC\(GKF/_V-&8LW :?NGUO_ML+F@<8A&Q>.-AS'#$_=?_[J
M_[:^HOSM/P?)K^6_VUA#XLZKX_+X"\?]]IK>E\/3PT_'7XY/+__7O^UWVGOO M+[P/)Q='WRXN3LY.OA]/3@]/CTX./WM'9Z,=_K+Z"C[Y?/,F[
M5YSXQ0M._.S;^='Q2T[>>YJE7VWVIT"@JW=B# B60TZ:-U8/=C2],[@I9,@S6!@ M0S#JY1G>*$B'89QBM,Z;^&"Q#Y3">0U],:L#Q-?@A?OLFR"82]$X2_,/, MV=IF\7"NKA)UY9/S
3],)) D<;KQ/*18Z-6: MH=?[Y%.PB .&*%B?8,UF#>2+:'K'_G!B1S-ROT;^6W2+/IKOAK_T@MQ, OCM MC;(#QV5 0:4!%TUQ>6N:!>&N\H60[_XK#D<$##QIT#H$*G.8^PLKT8#/;%P
MCC^1)S1D\!-8&LIN+*[NE<_BH3#U '+@2B'&CF$6X*-&L(;PCLCGZ'*BIGZ MAQF'FA==_4*6X,Q+X5 &8Y O6$<5D0ACR!P.)KP5SFP<@7SY($RXI#=^DN 7 M,_!7."Z/HRM8S
9G85C24$92;^LH3F:H:3B23&&H+9+.16^7]^P^CQ+>,/&',BO=M#DYS&_I;4,S3DXJX>>H!J[!:7VD M+,\]+L#;\Z\/'L._WN\\AG_=;G5K![MVL#?,'MLH!_L%UJOVL&L/N_:P"SSL
MEQE'D4E=,K0[/?P72J\;>Y* /GH*\-]@;_J42RGS&[3+H;]SJ_PD!<-Y!(;C M!S54TX%*6$]WVPW*/C4XOX1O@G]T%BWC@0KCFW>KA GZ%"80,UN;?(0G@W4+ M_5FJWNE_O ?
W:1;ZM^^"B&9/WJ?O_C0QEDLMD*]SA^+^7-PT-RC;)LN!9,7 MBW'4A-7\=?GOO4ZSU]LO_*C5;!?^O>Q1!\UNN_B3LB>5_[W?[=9C>L8QM;%(M=[U'/=.@]NY\U#VECW?
23;V=KQTL?:T L'Y28!=S_ZUV!>HP[=_A:-]7_D MD;PK"L"Z".T-["OP)UQ?WG')[?6T-8[TP'>(/PR&JP"N@\B#]X1X"R]X)DO, ML2MMU4N*9G%=*5H+BXCRGS^\&S;U$J)G,)'>
[M0[CS?U1VL%>(_6>IIPXSJ6HXL NQQ*2"JPZI5G[6H_6XQ975N=HE5Q!C;TGZ$%8 MRW//'> M'.SM/S1H4._-$^]-&QS?;KTW&[DWW6[WI<[-0SVV*EI3!B)+0%>L/LL4@FS5
M@PRK@H78-&DK-JSVNWO-?G4,JSL$[@D;G_QLD_M-%HN2)JP'G;4OB'IOGFMO MVO7>;.C>;(-#L@;+;KTMS[0M[6;KV7?E+<6F/K@\KE1_/HUA9'_G>3?>1*BJ
MUSIHMJMC4=5NW3.Y=7OMYEZ]-YNY-YV#.E2UH7NS#0YJ;^VL=KTM3V[H=AX M-J@#5*NO\.I52?[5+]US;LM]I M=][7NU/O3KT[:T,%FWMUD&K3=N5%S\Q;"E:19;5]Y0?
1+VA@I3YSN+%I1=U% MWEC$JDKV5>W@;;(VJG?GN1(:K6[SH Z+;-R^]-:QK.I=>=6GY2U%J[A)6Y;K MQ/4V@E/M_>9N=HXYX!>O]YSA9-L[\:C<.]O>:W>H88*^!%^5-
MR%L9&4ZKM;>V95=O>L4WO;WW8(18O>D5W?16LU_O^%O:\?9>N[F[@5O^=HAT M[BS5! .8N\ZOZX94E8;P9QELUY[^AIS.XGGO=?:KE*=^P!E\ZK#%X_$?5OQ@
M_2QK7%4/5DD]:7?_H?6DM737TKWITKV_/D50+=VU=%=#NK[@,@ZIOEA2^'!KKPVE$\QUYN&^V&%SM@90UD'G\QUN8.K9]>/_TU//TM M(0;/51J,5)0%?O@SN((-N\8?
*6:WB3=U60)^_Z!=4\@]!#)483%_)&MU$\6\ M)#?4V-_O5!C16UNW:13[TW MS[0W>[V'0JCKO7GJB[]]MTX!5KTMS[0MN_OK9'KK"O:U5_@D&LW3+'FH_;2J
MS[%Q]E,;*>NK8S]MCOOY6L2BK$74P=KU#_7>/-?>[*Y=C53OS?/L3;_" ;77 MO3/=EPJIOZ4HU-EXO'-QFV9]^K:B4+U.E5B :J_MN8)0=<^/#=V:]L'ZZ?QZ M;YXK!K7?;-
OM5HN^IG;5GCMS:MS M'GEX+EO MR*$KX>5N[+5WFZWJ6):O@3SLM1ZMGX7K5O5HE=$A[O5VUTZFU/)=RW=5Y/M@ MM_,HL3C(_"^+(V_[RY4,V6=JL1U^CM:D[ZH?
7#Z_RP]\2W.P.$IG7 MDHLO0>WWNU5"[=<0C6=*-?3[==7CIN[-?JO>FPW=F^U.LU4#SC9O5_HOL"UO
M"6_VDZ01%4C)EYA/G79SOSKF4XW4>*8KNM.J"^LV=6^ZO1IWMJE[4Y^:#=V9 M[7:W>5#S;FTN;T0%C/,2@-7>7O.@.B94[;,]$WBBWU_[FJ[WYIGVIM>M(U"; MNC>=A_8>K;?
FR;W"AX(=ZU#4LS%'5,!"+[&CNG4DJO;;ELAJVA5N-O#*MZ:N M?]S4K=G>7R=?5._*,^U*J]FO0U ;R1I1 9N\V&IJU>BGVE%;%HHZ\E3O3+TS M:U[.-=76QNW*__JW_4Z[\[Y:4:?
JE:RLP1JQCHG^<]5D&V=K]?=VJY3I>X T M;ER7^SG1B@V[?RD_@Z%Z']15HI3WP;]-?R:*6%F!+2&F;71VJQ=DW CU^%":CC'"S.;IU@\)Z;^J]6?,N7S]T
M5>_)DU\Q#TF2;Q:^<#5,X2BXU@]>-KU>QK[X=V_[#S^9JN07[R@.P63UL@D, M@LTOLQDP\+>"2-QN[STOCN9EMOU!?)UO%L>SW5X#^5P!H2B>92T4Z^4^7P#6
M]NH;^>5JSA(%_?[^Q^T"=^<@FXF8N6UD3F7TP;MKULJV_;-V]A]F$;S=/U5TW MZ%330SR7.*^+$ZL)2==>Y!6(W2OOT93#-/.R*><-N("S:_FZ]:&LOVD&_M]IO70@G7+O-&
[LMVW6;E*9?W;H[+RKLM)44\M9^WGI0\G8?W2A?L8='^M^MX MU0YQO2^/QI3(#RJH\ZT>P,O*\K^]5K^QW_LIQ$&]9<^[9=T#^)^]GPIR/=V6K4X.]_-;5I'[O05Z\8&1
MC\>\;)^)4+"6J>?!./36IMS:!)DBJ_/7S!^$2A?+..4^,L<>!G-F<1H@I/9= MHD(_"Z[5^YM@E$UD =Q?R4Q:]B?^ $8]S\I_X@QXJ*),)8^]C>W6??O8(9^__MM5 XY/QO'&XP^N=6T%;
[!WO=WL%XW!WU#OK#P;XZ\,>J.^BTAIWNH/W_]OM; M^D>31$]AYE^IG4&B_.\[_AAF^,X/;_S;%#?!68AI$%G)ZC9QX5=8LWMKL<;C M)ULT%K:1&L:)3YL-
$JX2_!8,Q]^8L7B31(W_N?5O]^_>'O@:>!Z\>.P=P0M! M'M/__-7_+2\9JVS$;_\Y2'XM_]W43ZY@N^6X[!>Z7R]R#N[:TI/+XR^LY_:: MWI?#T\-/QU^.3R^)/V'O_87WX>3BZ-

O%QGAZ=')X6?OZ.STP\FE_L[Y\<6WSY?TE;.OQ^>'^,&%MSV$40;17(U^65K!-MIUZ4)7^*E,/IDU @[:_T[I,G>?>*$[!XPB#??3L .G(}R7M/L_2KS?[TZ"6G-MWMR0@W<$QI-T$/C>V4RQ1DK+U<,:E;^@A95=W.T+B$X9WIB#X(PR&[Q^HGU-M?#T_&GE3/\#;R(^&RE_.9BI*5=KP1FJ6J&%@O^9/8S#V_J8_-.@O,>:IO.S_M 4.=^K?*

*>0'D!O&F8J9$WN/42=34'DRY.;@N>!K_RL@1L5Y6D6&2=>?X8QC?>_M.,;::P4_'L9@7=YZ0>3!6.$-,.XAF)LP6/ 8TBQ=EJ*5=F:#[D,P"&"F?.G> M(A,@6'$!"B$NPG#B1U?*

*P)IAN/$_TEM&7KA7(9TK+/]?+&R?QU.NT.CTOB_'_M=CT_41XL>HIV[P@?P\N:SM00S6R/C/,4-@V6O>G)K#5!3[.6.KD6L(]A/TO5 M._V/\Z,@G87^[;L@HK6@'IW/OP%-T\78,+Z0/]96:[/%EJN$MN7-\G$3/OIU M^>_[G6:GVRW]J-5L%_Z][%'M?K._NW?GH^Z)O*\8$;LCE,XNS?/X]_>K5-J. MC_XU&'URDISX*5>?1& M#]>NV>^})BR%A[#US!=-_,5?3?*

*<,/$,$^:/(O%+U<<=;M=[?YV.SQFX(/WVAQ0[L25A$L/;;;A:W M@XG=9)/7PC*]XF+L-CL;626HC>$HCE2Y_;?XK9=XZ&,QA3ZGK;;>P9BG_I5Z M792@*ZY(?^TF9YM5IU,YF;M1/L5-P!*

(GDW-(T1EPT<5Q?UT4Z#&<:(H;(L:4$4]-MN:IU0\@4"]YY0:.FZ>[U7WS52?N)ZD[_L\NN]Q]HV^0GUC1<@$IO-.QL^1C'.MXW&JLOP9E_S#SU1HW+]>STU/_/(FX^?X!M3B@KX/Y-D$WLZ5_.'N?3O V=YWV3;O4V7&FM33-"GRDX MM-(_]97LP> M&>&]F8";NP"H?W!8KGJH6F0!\]H01O3#AG<#;K8?#C$'JPCQ(^'&'8+7JY%6 M3-ZUGP0$^<)

<+CCB$:LQU%TF*CY24[S#1TD-OT%(EXY=FA]3-CCB?J83Z65.s\[@W2:-KVS>4*A4,3v]Z)GP*/$@&GX50%"C4/.21, 1LFO:L]A#0W0%3

M"&8.#YTG|'$P'JM$19F7T9[^X_#IMPI>&%.4UW[#7@]A/!3 (0+G)OZU\]88 M(H%?A"I-G:%>X]@4V5(\C12M+!7AX<7/;R:#3'X1T);?*

*NO%P^:\;7I_X$@R:KFLWE617V#"8T@&B);D38P(RN(!37%.V$;IG\"IY E@K/LP./2 M(C8/O"]?/F03%)M99$I#48=">GS'?/L)'Y&3KU^(3-?49)^]T>&*_"-?Q3GJ;*

*M9FKJI3X7N%2.T%,\SYWW5-T8:.I:XIJFN*ZI]BNJ9H[#C$182?4T"\-!/R!?8=&,&AYPD!U_U\<,Q?@/-8;*+W>0-^$O@-ME.$OK@/RYHS!;*/K(!?I%,S\&I81$Z@E%99]YLKI'@DX&O")*

JZ4(8WG\"KS"WCG+)ECVYX0[-@ICA5G#>7 M9'G@&H!/@.ZESNG3!U+AA15)?HHKF+$#9'UXL>_UXDCR /YB'H[O"^'=Y$S8*

M(BCR5;/1Z\-^8G<;\WZDB:0C&P9%'KQ\0C6,:HU[OF0?!F0Y3F&=4;>892 M_58'\ZHH#8>28EXAX04PQRC:1C[M!WY(X9+B5+H?]=<|;4C"XN_2CS\E_;7*

M,PEXTT#E9C^>@\|#9Q:(A(0?UC\AL$7#N$[I3#[U>[*4O^5UM!Y4[KS,$!TR+H M5"P$^_!R_?2B!8E;,O?'7'[_*!A*A*BNF:MKYNJ:N<>KF3O6RJBNF7L3-7.O MH*

*#BN7;YQ6QGVN9_P,_A/E;361C?*C2G.!N@K8?B0U"7]!WV^K[MWEZSOS;(M98,@FQ4L[9.S>"\<|QfVPS%<*#.SN-7LU+O")6^6H$,(KA12N+Q1,-|>A0I, M*B=GG^.4D*

68NZ7=68J7.87#oF3:,ZW"'U^"PKN!77;%,Q:A!2PM%5F M*/VIZ[3";F!OC2"8ZX=6Y<$OPH!_>$5NA>^M_0H5[%2M-&'UBER3|7-F]BMPZ MLO-;*

*(COM3J^Y_PI".U4[S/=5XYHC7%2-*_G91^@8\B35N%4-?#O#-6YUO00J MQJT9A)[#.]V(DMS]&Y%8D?MVB.#NNZ/?9EEN223G&=9LTZS=GZW*?<25V12U*

*M489Q;/;?!]E=:E77>I5EWK5 M15YU]==/'[R3KQ='9TXQ0S6*N|9^^QA@;_KYRG@K\B0/(HH)%5Q02Z)0#;,D&-JX6,,\$EDQ4D]%6,?R00W5=* 25MO=_M=H,8 AK2O @>!/_H-*

!;:&%&WHQ?WW5UH8(\NPE%@<'S;W6WKH5%KU.L]?: M?Y0*BX-FMUW]2=F3RO_>?Z2]CWI,JXVIW6JV>NL]ZID&J9PE.Z_U:P>;5IRT M6@/JEZU>KZ;<[75^!-*

)G8Y+,J\G,8G,N.B!3UVSM&B65Y[M$*FLUHE@ZO) M8:!LU5FIHNLLS+UTM(YU$N[&*)=I6?@8RT1/.%E M='"Y"_RBDE4_X'4]X,61G"]VP)8;RKY*+.9JB_'*H)@KFKF-O7ZGV7I.[^+IM$M:!/D&-^=*"7@*]I7>9S>!+)Y19.ML;?7;N|6,EW+|"N2Z?W]OG:|ENE;IE^-.M3& ^W#YJ|&U1_4@MS+UK.WVF M?*

YV!),AB0Y$]7^RHG_[N+@"2DBE;DF6)E##GM(TE"@1V%XO=Q>YO"Q&(6U!. %/$/MR](:LIS);=?I,2B+<,0&W9XGMVWY5<+/+9TNET=E7Y:7CS4JUCQ:[7 MU@T)&.Z\=

*<"F7;4ZAC?%Y$VCOBO>,*B>O13VU-6BBO5]049:SK1]MVRK41[3 M:D/U\&O*)\]^J 1BD<^6=J=MM0UOBLF;1M5]&-X4DC>UULH>B6'-EF+@C7:) M, #++:%)}}>0X2_K*

*B5LUNU;J7QZPROMUVV-+H|LRW.[QYB3>-[LIFE>'-EL[N.M:FN-ZVO#EC[4K:[A3"$YM@&I?' EM#1'>&VI"=RJ^ M8FGE,1'H3*W67=?-.TPO*]/KW<;*710-TTO-*

*=+N[>C&*87FY6=YJ:!Q/;!,L MWSAN3?D%V9T+BD;MKM4ICZ&_QA\|-MZ]C%RF?!OFZLUX*TE75C+0A6-^QUVRZ-=:0I+KAT8_73F@%_(IU&N@LNW7:[*

M8Z3;2/>>2G>CLS)F_3:$6_GC>A)]REW9O6EKB]U>,' C(&YX%)A&#.(&>1- M!S&=3)=YS'0R7?6<-)U,32?39Z_N32?3PURZZ61J.ID6AK2OZF2Z[VH@#JK23

*M5VX|/4F?;8%Z[HI^%#C]Y<5R?9*M#.UO1C8CEV'D#=4)%>,&/U]=++KCNLYR MUVWQ87Z_9[_):" &Q$Z [*4'.Z^IHRO8-'N#34\+F) >U&U8-?]EB>'I3CE*

*MR246\@UU!"RBD"_()^F4N1#>2%J))*U;*S%ZJI&T\DA:]I5N_8<1-"-HJ]1 M=W: .7Q(2"5G_G@L@GZ.(Y6LO.1EW MQ6' 6,W=G5ICFD,!3U M'3BL")1=;9H(E''7GHB%7>84E?*

*WF3;=N E %91@*01HMJ[UX1V5B]3QY9>^_ M4J$OW7(7QCK^_8 1+MB KZ/8QF%PS.!F\"(/?DAY.,_^ R^S+!?V"3+1*H]HH M$R"+2=[84C):I=:JF1;NA>5.IW,X4U3NV*

V3R5E4WAS7;M55KKLWQ)=#RDA[M);Y$"6[L%)E2K6Z[3+;42>78UFG=LAM6S7"GJ-SIE!E$;,:^YTZFOYX/6ZY@'O&J7%,/U4G.] M7>M:'HR|@&LS>4:5ADB_;2#\;

<99LR;$N0A{'HMKQ$E^4F.6=;57QK MAMH,9PQG#I0S-<.88C+F?_[4]=FU3Z7.-2PM\,.?V1\|&(N_'9_Y+ABL[UDT

M@DE(Z^L%,BZYVWD$Z1\]S0>M05V(W0+37B32I2;2M3<;B+13E9A1+%%]K[MIRVV+1AE_/T;A'[VP6"9[(X?L*G@P2N,EA*8T/E$]1U836[)K):#=>N.;RM8*

*M+240BDT>3H@%)73K^TQ48(S-%^A-.K52JM1(C0_3-\9;S)PQ/ MEN!)PS3IF*FQ7B1)8YOOZS_,N#0IR&4VF]1ME(_(7Q!G*H^Q9/RR++.5O&+X8OAB^K%!2;&)+ M1>-)*7$P%L*

*<%1-K;--=(U:B0M'$<$%Z>;=6:76KY;&Q5I?$G4$KOMKY*Z>8 M+*/U?0GO =R$I>+?]Y*1FK[P(A%L>I_8U9F?^>Q3HV4SXO3CI!8+_/,%#F.Q'I<[R:8CT5*QI{'CI+JQ.2,,E MEO]B ?*

OP^&;KEYMW(/I^P(EOH Y$@$_]=\4AYL)&@1C^]+A/CBTZW?;]TI1. MZK-&M|GO=427#T6I5ZOV;.6>_,]M+V!,?M[<7$(?)3N]_+_.?WVK|N+6W;UE7VIN#R]/+LX_<;.KBZ_7-SI

M9VI.;W]\NZ-'KJI/;T[OBUMVW{=9.EXL!N^?4/"MB?+$;;+I5M%V7@28N5J(J0^FH=66:!8 MT?R$ Q14)DJJ:5!QBE,WN634'S4__BDS1S'HRG0CSJ-*FD\C^>CFJ@KY=?J*

*MJ.YVK7;UC:>U,E35B]5!;L&2/CS]O%&$&HU.[E=5R\[!?-%07:MNYW^S;*3% MGS?K=3.G+<(}KEK5QF1#;6E2[6>'>NF"(?4(Z^#V#?P8=^3+/K<9H3@C=%<9 M(2?"*

(9YT(H4XOC('_%QH<_O^8_;I 7!?OT:);<+_I?-0 3L':WI OHB^ M&/=$((WYNFUAQX[X)4NGK!/KHJ?6_HN6;T@I:A:,ZRPIA>V4$&7OB"05ZW5 M#W?IM:TL/2]G,%GX-F-

*62].EP1Y"B)W(QDM A8=(IKHF4RV'3.LFHJZ555%& M5,S?^6M@,)>FUKI@IF9D,W*A1WX#<-VB-8*\$0_"B\'7BMH]E<&HUOS= N04 MREUEN;E)"*

<_::SM0%N]>M<"I%LL@*EK5*UN>;(RBY,U7F(AS^?$7@AY_M)- M]8:U*N2>D30C:6M(6M>VR@O&;"2M/))VW&U8U3*66QDA*Y&0-5M6RV 3&7CL*

MM[@8LPPZ]FL'%"47BP57'XVNM6;VO^'-6_.FU;961=PTO-G20=UH66V#4E0X MMM@=:\M=U@\L#'VHJ-CMKE6B8OKB>)_[(A7Y;.FT2ASGW'/6-%=/%\AH;[ZU###4O-996,GK)NK*

VE^Y1N M8^6ON|MK%'3;Z3;2'_&"^_TL1L-.O+!;.[I)8W NPNK#F?A!1!AZI)^^&^-KCK]_M_Q-YC YURG"7EDKF,'X'L_^'&E #Y3B;XO&1(+,K?!HBM=I.ODS;PQ6U15*

*MR_3'*RAK.KO*;3*I>,;&?I&6:%Q;/*RN53YCR4U-'^NFP|PIK5+(_J9/(UM!2O M45^Y?,*P9DNL5M5PYI"LN;8MAJF!+1P7*FO8M#N,.^LC*;3H5;>UHMJU,>*

*MV\FX:MMA2ZVULX(MPYL7457:)4:EVV_>'#?+"'>.VWURQ&[L*HIOJTP(\99A0 M@*.?N,;8MVP2#F%+)_)[59KW1"C MX73).%U?V;HSG"XCIU>[/S8\+B./:^MB1KP=G[==?*

*EVJ'GU_%SR"=; OXCX0 M@GWATY>;]2T187A=*4?A#-Y&I=LN0<&[#$]5"R%M^=QN5NSNY5[P_)RLKO5 M>MK!C@-R\O)\N-;K5ZL,CG[#\+C=C=K>^>)N)L6LB]\7LO?2#,7?*

99JW?$F0G MY5.C5:E6#0"D25I[8HEVFP;,KK"\Z>P(SL[PYL7L;.80C+FN%[:)-S26EI_M9L=_|& L@?LS'?!HF71""8A#;#7AQ]++(3Y!#FV5V@-M8DTIMVP?66VA,EP

*MRQ6*U:,!11.*_%4:H5CM+FT'.8I[)A=E_/VAQV866 R3P/$#-A4\,,00S?&6 MB_I*9#0BIKZUT(YEN ,7="UI&I7VHT2=70V%PC;84N[VZRT MFJOVW3#%),W33CN=M10\I! BEZ)*

*[UB"BXP% M^66M2JM>X)Y97]MG0DM"KU]H'''*2QS]U=7$$;YKS.G'K-IF'L5D5.U1G&A MBO8I,O5*M,<2V,D+T!XKI7]DVND;IVU+,J?2]:YZ'AC>;(TW;9.H7TS>'+<-.M5';OF-);*

*(3|ZQT$H5:,I_I8AS>RSS4KQEBK.UY[IF*XO1\[T \\6GTVI4VJU5FZX8*3)2-"-%S4ZET|2-%!DI M>M5U<;W^.A@D(T.'+D/-2MZ3++M;W_M!?CK<+YKYG>*.M*@V,Z4|\T,'F[Q\#X?+*

(>1"?'IU!-%(DR_Y+,Z:. H3W8*EQM/@GF0GVA1>) M8-.,MZLO<;Y&)?B-N=S?S'_C=)W!WXX<6W2Z[7]C.QS6!XUNL]_KB"X?BG]O M5NW7ZCW|?|OVD?[1*-!++F/!{<=*

(+!/]YPH>PPH_33$)F7(<38\5)9K%M(M^'5H]F(&]7#X9D230CH0?3_@Q&S8%"+ IV ZO#!58:_-#/]V|*>7N=<&YO7W M$?.'[Q>"\(8_O4#7[O+UMU=8Q[<.[O5=NGD^O,]V0?/L?

3B[OR{5(UMBWT_MO3S]_?S[^>7=__RI4|/;GVI9EXO;LQ^WMQ=7E^ST\@O\Y_3;OVXO;MG55_;U MXO+T\NSB]!L[N|K\;H^OSG%+V!9<1]FZ7BQ&+Q_0L&W

MJLH3/YV4P^6;>.B=I=Y|\2;O7G+AMSM<^-6/F|/S72Z>O0WIEUO]Y=DNEVX5 M9>/)&IVKB9#Z%RL')90LNH3.,(*I',IRV_"]YS7">;XN'CZ_4R[@W8F#MX M%G&O+YCX-*

*1%>"*_&+P9B$HB^DS|QSY8B?^5'XSYE/4$IG|!B&/AC5]O6&BSR\'Z^ 6E#-&@':(PD8C@1?;2?&5GK(7-'B/PB MY5ZR$FBPU /G/P.(Z/))*#[?WS2W7DIK"*

[[Z\/3S3LYJ=MJY7U4M._?S14/93:MMUY\=ZH7;F25KO)ZY-M$]SRY^1X'-)5==]W>L58NI M5MU'1065WOW^O1&>>*3#^1\^&//LGZ!NXT!H@[+'*AK'KHND_#6EOKL8ZD%

MJHQ.VM;>]Z$S%(")AU^ADP V9L0\&,*|K\9@"KA^^.)!4[*DH"5),J_>,WD[MN4$%.FFZ)0B0W>_=/9@XN!^2==5X7VP..3W8K\P19?=:'K;U9MI&V91^D>0-

M%O88C?:E!&%Y42MWJ7"A1>Y+Z&/L2@S AA N X)X0.8 A>7VI6IX25IT5^XE M6.2N[\4X\DNH?.^BD0@.3,D>MZO:V;+@-QB9V07)9?21;@F>WA <|\30!]<- MU3";. .!O?

RVL5\53W+0/F1&(<;]f7DPG(E"4@TZFM[6-B!3M@V='X> ^ M>KJ-541F9H^K&,QKP$17R-4|&|_]F_|(:6%.7_8S#]48,XCX)&<@C+"D,,2U'.),H1)&K/'=4';,.M*TU2XIV;$6I=)PY*

*MPV _3"PJ#E8)5OF>TZH*9 -$*YJ;E$^ZY=VD#5*F'*#M\46>TKM5;^\3B#!VY7V,G^83ZQ37!YG&H;@?"\^NTMUX(/25 MNDS*

\;,1$Z[H1X'3)ZOOGN,O@=G+QB^/[38!9S3Z,9@&LZC8" 3?4S/$?2^ M1TG,$Z]I -@]'J3_VP .';GU[%-.'XYZ4)47T]2W20(PI?3=PX#>8+: &2W], MD_1DR^]^[].%P$"VK!

*[P:.C2!^CXGO>IHG?FZ0BD$0"<|KGPT22P6,"4G';,, MKV)TV<94|R625?,/"(B=.^@*L=^#!FQ 8.F#"1,X4?!(0Z.GED6> >;R! M2F9&]D2S"W"/HN=O3 9M(T"1P*Y8/@XH*^=*

(1C^R/2(I \&QO=@"RD&<@+G M5?I$>G*Y?E^)#*9^A7\O' MD;"539G?[\>!Q?Y0'\!C$7=XNSH NB0YY3C+?QRZ,60:W1_2&FJ9-U]J4TQ+./(B^)GDM',%)K M/@J?1-

*V+1K";@!P#]@4\DG%/!-+NKML5F1V(ME;CO\2L]R(%,V2.F-?"]D+X"WVIT/YGP&*1]*-)) M6UD)G.OUZ+T4"/3H0]9W_5# RX%0/|/)PCR'J/|0KRJ%$$9"N/]M4XM]_V/$*

M<"8A_H:^3+:,GAH6#?3]8(U$:K_"K@K\7[#>`%_9Z+/J\(#\,BS2N9&H0W.FK"P[V);$#\9+$XF$\)ZQ(S&T[\ |$=@, M&U.A++/>0W1R?X U2|Z01'A]*

*M9\)=5QYO<+JA&2>WLPYN|WW45!Z/8C .25HG<0#';.AT Z5R>O@5V8]D=>'L MU"N!XA6.57HA'OG)USBJM.S2@<4^S+YI0!.S/O05%3O\8-P!CURJ C.S/A MGMPM3_]I(&AQ8[.)Y6:9?:CRE-Y_F;\/6);",]0-?#"[MI#'=$R/N#O$)\(O6%ZFN>!R!E86_>'#(^)NC,EENV=DKDS\]7##R O1E6 8/ M&OZ$M/T#V6^JE"ZQHF?\G7PEGA+P#5>.'68%\[] Y@4QGFLN*A-*

*84T#&5BA- M8$DABZ&*^_^X$J)@2RA&+^,5FBQD,D730"+_E^CF%K2NEIJES*4'80Y1H- M%MR!<[)"H_X(GL! ^@R'U! ZH1E7&0S2:CFL"UVZDT3H[M/*A\$)B:W!N>2*

MD$&5/\+Y&N9=&]'(@)*]0[L,9, G=>SJG/W.73OC;D1!16CMD@#$:S<7 & ;C MHB!S,1@7!N/"8%P8C(N5%V\P+G:_\3:<5$0)7OT&QB_I%A/E/V*=E?\%^9*

M3RAE78?/R3($HZTG9@S+84PU<$GT&ZT[K'@+,M$A|*E?I(%]5.L'QZ M&TZ&:.5IK-_/;\6 /%-4582B#2F C>WXFKIM6W%F+++4<#YV#@\' RO#V!/IA/D9A*@<.I7+@N&M;]AM5*

*MC)@DX9>WK1A/7]Y#T^XP=#R/"% #<1,)EB3. :_8J:-HF W@M\)C"&^W MDZN'PT!R/>ZLD@%HRB+6TWC>@Q?X'MV\MEL&H>2OBK@_(45XUV+1*UM:|; 5FRX-*

*R)/<^;P7*L1(%]RVTMMKB MB[UIC^UJ8XTBY@+%UDJ*L/,2($>RA?.JG)7ALA8@Q]+T6A^0HZQFYA8 .QV%8C+N./A4 E,.\9BB"8Q0 K/$Q4C@58*

M9UN@6='"B$6'23%L35JG:'7;OZ$=;\X(;BJ5)!*=?>P7W%0JJNGPGY9/RM1+%3?)/C]0801 MX;^$"-!1RF+Y/''EC|R)V/GU*5:H.Z%:.HK;;"*3+%C%@N(P]-&1RM9PIHX7*

*M,'=&B%2E5+A0[+388@H^&A?4FE)+1D1R]50."4N'/GL@/A#X#4A,=^S33S\XY Y0RE< MBUY[@23B-H+%7$1BS.Q3^,0)2!*Q,(?*

P.J/DAH/%%OX]P!]&JJBG4+X>'0\8#D4\IYJK:W$ M,12N6\FL2\74^B#UJ)&I%-^)LBO/'B-8E>T$ WFG*^>M/,ND-D;V8LU.1QU/ M8/__WL&UXX3QIQH!@*'1I,OGX3"9Q)&*

*<2.XDAKR/76H)SB0"$@V=7S#VA. ? M0+@1G\1BYQPVN'IR*L.AJ,>JW-6TY$?\'=651#.J>5.5X?(R2@=:!'/8>(1T@ M+!2=\BK*B.HHD)%H(C8.H,"= I.';R'&E.DC'?#!PA'*

*LS@*8MT;EY:/K/V M7!++!#!6Y&_I/2?GY[E3&HF!7/@@7E0V1-AGY)1]^OEIH%_OXUL%">=#++U0HI M=]R R W$,/@WM;RA'!CG%|%SD'Y\K)^6OZ,M*TV,Y*^) "YI6;=[W4D!Z0GA,*

*MV0Q@#?D)S!IAOZ!"IP*4ZHHOL0='P>? &8"C>W&ASB)"@)&#GT7'!$=A*BBF];(';0", & 372{U&"$PV=#'$L M.":0RJ[12VD0B%PCHXX\&$BCPDD2C@A/@2*

M%S]NSI(C2H)!W&'"LHA \OY 3]DW8H/B!\>/0W>;. CISZLF!IY6V AL-'I_ M9O'4=DYVE2;QY^D&4//_H[>I61VX&91E72A!KN]^'>=22P$D5OJ0!PB!@< MG)U=GUVF-*

*@0KEB!LI.5\&L!)+5@B1L#K'V&#X_I*S0S_3E4Z M5L5S((#JD#TG+_3^T_@>MM_"US\=4'*3QDMXG)W&DPGK*Q?\=_H+M0R:PQ58 M%##T@!J))$+!P%D@_E4#+N+R3C'FY(*

*D41_">*8J(1Y2E(6';(&,F!60=!^W'P MLUU)B*(,W;#&@VWL;C,3+GA)U+19\Z? O,(?)=Y13T2/-MZ)XD@6+X1WM%/-M2@%TTFE:K\SQ"Q=)@%S6K5FUL9JB6U>G4-C)4U^JT-C,I*

*M';E%6)"-U1AMH)!CX 7;I(IG52(A.Q:[>.E,2K*A9-"_B67Z3=WT\DR2: E M6Z#HCSQXU_UT[Y9VF<3JSF2LCAU__^-)8E#IUWDKVKSQW*'6O$M7UWNIPSA*

M#.$,X4KQE"'|2JZRG14BZVI*JRK+6S2=+7Z^W7T]T]HS(W^OH6Y=&\|/Z<9"6TX-/=;VZE|)B +]JU>.L7M$B0)I[I>@=K:: MX-^T:LN442I(-:LS@L!Q;?IF3=?*

RXMM^:1"M|P5(PZ>K7_+T;Q\M)=V+B2]Z|!LB M\TG=2[VK!#-@-L8;GXP_<<7E/HM; 2&&6P89$KR9^X"/ M0XM=P8O2USNA0]Q+P>3Z/RQH>L_2FRU#"ZAAMATPC!&[']

*<(AC=EKD#S@_"M9V9GL=I4.C"E&=:+/D@4.ZR8CS+ A!3.0W!*CM^YP+'PXPKFT!R&4F&:$PS3 M?:RW8_,CQ$!/LXXF|#5V4O^G0@*JU/FU'W>*<',K+DLAOH>\#QZ[$OOQC*

*MQ+NJVQ5J*P_"11HB1+BI2 %>*7B'IX{G!R@E%^C$P5YEV11A!QNK*Z1S0DM(M|C|A(#B]6,,]OJM9=BL1<_@=[N&5$/N,,+R%,&C\MWI%P9|$A"LZR@Q /W3*

M%V\0:BVQI&@=Q0+A#L$/ ->PD9^= MR\]7T0LD@& M(T$4\=$ D#H7*T[OOZNC5!Y]$'59G+9Z&<(HC5B_"&A-\'IZS M$KX:$419.()CA X>?>#Y2 *__Y/%$R:?PN!!.,*

*{1>,D>TN^ZU1E!4F?YO!9L M6NR4QI_ 0D$"XA+TW$=<@3O^(IQCL!#>U1"G/WD)0NO*Y:J3UI7Z4<_+8D9R M=IVS WWD !I7=R(@MB!6F>8LY&Y*$D,L TIQ:@D^:5KU9_3-(J><*

*AV:/##X$ MW_4C6,,809+!)LD1LGWI#&W(@S+$;20R@.5%J-6I6*_L&3T2I'J90(QLX(9F: M-#>R89/92M1B(U[%$*IF1KQ *O#< MT!"JU6K<"\$",ZC+B\W$EUW"U.!?!U ME5T'U*8+?*

G-+NDX.63C0>+\|"07X^]I6I '1;,"!2#26?M:)O.(S<7S >>Z0;AEP2UQ0>_)GO4>H7-M\?-KTIT&,=@S[0:&/D6/DG.XB?Y;OVI*@?YCV?E&,=QKNUW$(IF6|-*

*MTK@P$ ^*EH+YZF/H9#AR,Y(=*%TOPTIZ8^MX@CV;+W;C8U>HS5RX%$_#G;M?3 MGMNG'0E7OX3;MMA<8A<&$Z:,J;OS,O*C[2']Q,PBL*G,S/1PZFV%*HKT3/A*

M@'5S70HBJ\]FMM#=X)[K\|/-F-,?*5PHC)RM;?D?5*S;ZG%M&3'5EO=O)W M&IDG[WARYT//"'5RMZ+<'S R_,;W1-J-BEHMYK1XXB'NGDQ7*%QJ7P388DQ'*

*MA!%L.P'9ED=1@^Q"'LB6>#3YC6^#P\NG[&PBG]*NUDU"I4FH- F5)J'2)%2:.MA$J34%GDV Z-^\$=?]>_|$UTVN5Y)CA@O4WMU)(V"[9ME+U1>@*3!N&<X-T>.S|'E!Y>Y>.HJ P#*

*{G3 S_MVVUF\O*U2Y$ZG8:1F+,?@_\1RR& OO M+H#U/05?667Q55:0\+BW 40NUMFZM;E5WY& H1 X,]HR&PGH' M+4WFA(IR#9=1.W\'5C*

3F(RSNNU=;,>FYNJEX&[@&W+F69-O S0F8V\$8! MWE[?X6;'5NP=U5NN;LL^MI%7(E%)5(!=]56I5(^]PJ]40_&S\WMVSK?1]UX MN060LT/P,;8,&ZA<0IUZQ;*]4&*

FZA.8_SNLJDF:P$ MD4$9G^PB03X*#^Q[;&K_W+1-IX_0I M]CE1K]2Z-:M9HI/B#126.4D6G20++>RV5O[/2#ALKL3-5X\/'$E%AS<(^1.*_M_\3"B]PIZPE$T?/|A!?*

CQY&L>GU]Q6<,=_@^C#,T^2/R1LS7R00%<2A>QQ M)#P&(M"76$*PM ->G+S;2Z:D$0E';I5"<*ED8,,,A<%9!'LAXAF(@$LD0!(D MM%_&-DA6OZ?80>(V? 5,<^S, @I8H@I.X-*

*I#1A"WRI@<"DR6KXN/"(S) ++*Q M:Q?H,.%3$,$^XGRX<:A^L0".!YX82/G18 VN(S'?-8|/Z=!X^*#!]RYB/M&$BM!)A2B MA,3B8B3!$DV"^ ?,ID8&<;=6-\M=ML?!=%08|*

{_A,16Q"K)8@T7$4&W2)* M[P1D@P2!%X"WO&LU,XAUP,6!AN?LNWX\(""+F,H1Y>P4Z(7%_D'"%%?IJM8UF MPZIE@<V58*X$\|1NZ[F35&*,<&=!8+*\^PTI1+0L,K.;,FZF6K5FU:L,,*

*MM8NAGN?@WE>;JE;H-EUWM3N%.%<<,KF*I5?2L7W?U:UZL8A4W!V!@(<- M]\L:6"-#QI>6D!PR-;%9<0FK6 ,_=O TUUZ-FBZC9-=3<"#7;M-.KAIH;H6:'*

M]&DOLG>WKTMBW/;*GSKX(6!@7QXOOMQ'!L\!H-IDK=QG73NW27*'X:]]6=# MVK*SH[97&/_4@5+\&R/Q_]$_Z?/0EDV%_E,>".ZQT%<+]P%LGDCT1OZ0Y-Y!6s0U:8K7/S|/*

*MO$N8>\U24PW$(*8VO:[@/^&-IQ@&[CNNBTT;>\(30R=2MQ=TOZ7:$SNABO]-.9))+P'),_] M-(]G@\C)+,*8FD+*3L>RRPL]'>"Z$CF<"6L{GA,Y=-&(^(Z!#S* 3=!"YQ<(*

*MA!%L.P'9ED=1@^Q"'LB6>#3YC6^#P\NG[&PBG]*NUDU"I4FH- F5)J'2)%2:.MA$J34%GDV Z-^\$=?]>_|$UTVN5Y)CA@O4WMU)(V"[9ME+U1>@*3!N&<X-T>.S|'E!Y>Y>.HJ P#*

*{G3 S_MVVUF\O*U2Y$ZG8:1F+,?@_\1RR& OO M+H#U/05?667Q55:0\+BW 40NUMFZM;E5WY& H1 X,]HR&PGH' M+4WFA(IR#9=1.W\'5C*

3F(RSNNU=;,>FYNJEX&[@&W+F69-O S0F8V\$8! MWE[?X6;'5NP=U5NN;LL^MI%7(E%)5(!=]56I5(^]PJ]40_&S\WMVSK?1]UX MN060LT/P,;8,&ZA<0IUZQ;*]4&*

FZA.8_SNLJDF:P$ MD4$9G^PB03X*#^Q[;&K_W+1-IX_0I M]CE1K]2Z-:M9HI/B#126.4D6G20++>RV5O[/2#ALKL3-5X\/'$E%AS<(^1.*_M_\3"B]PIZPE$T?/|A!?*

CQY&L>GU]Q6<,=_@^C#,T^2/R1LS7R00%<2A>QQ M)#P&(M"76$*PM ->G+S;2Z:D$0E';I5"<*ED8,,,A<%9!'LAXAF(@$LD0!(D MM%_&-DA6OZ?80>(V? 5,<^S, @I8H@I.X-*

*I#1A"WRI@<"DR6KXN/"(S) ++*Q M:Q?H,.%3$,$^XGRX<:A^L0".!YX82/G18 VN(S'?-8|/Z=!X^*#!]RYB/M&$BM!)A2B MA,3B8B3!$DV"^ ?,ID8&<;=6-\M=ML?!=%08|*

{_A,16Q"K)8@T7$4&W2)* M[P1D@P2!%X"WO&LU,XAUP,6!AN?LNWX\(""+F,H1Y>P4Z(7%_D'"%%?IJM8UF MPZIE@<V58*X$\|1NZ[F35&*,<&=!8+*\^PTI1+0L,K.;,FZF6K5FU:L,,*

*MM8NAGN?@WE>;JE;H-EUWM3N%.%<<,KF*I5?2L7W?U:UZL8A4W!V!@(<- M]\L:6"-#QI>6D!PR-;%9<0FK6 ,_=O TUUZ-FBZC9-=3<"#7;M-.KAIH;H6:'*

M]&DOLG>WKTMBW/;*GSKX(6!@7QXOOMQ'!L\!H-IDK=QG73NW27*'X:]]6=# MVK*SH[97&/_4@5+\&R/Q_]$_Z?/0EDV%_E,>".ZQT%<+]P%LGDCT1OZ0Y-Y!6s0U:8K7/S|/*

*MO$N8>\U24PW$(*8VO:[@/^&-IQ@&[CNNBTT;>\(30R=2MQ=TOZ7:$SNABO]-.9))+P'),_] M-(]G@\C)+,*8FD+*3L>RRPL]'>"Z$CF<"6L{GA,Y=-&(^(Z!#S* 3=!"YQ<(*

M$6UU15,IGU-(/@SUPZ'A_$]?TGG_MN@=1=C+:@:MZU'U&I1N@:]\N(-6O?& MT;H+HN8DT/70=UW]CJ8@KPM,J5U^:,FB_@"%91/$K&35EHVRT2>]:EKS8;%3%|_V&C;3W&)

M\T+_"?"/KX7GA5/W@7L.+^$N6529O,_L^W)[<<9.V/|KL)D&,BM59A>HN'fY M1:]<6UV$\NCEEF9WP)\O$B#?XMN4VH=:XZ3S8=$FV<;2=[#]JH=.]<.2O:7V MAM7G,

T'0ZFSA8VR5A3-ZHDS@?^:IP.?O!.WLL$*)\ZH F>&(}'X1,D50VRF M^,#=!_PL<. A^-^Q &.6]7CR;_C?-$"L"]BRM:^S%7+,&9/!0>%]L-FBP.G%

ME(@$$3F+^!?;_&M#CI99*G.&BU7{\=?2[A*?n>Q="??%$34<&^&N<+L5KZK3I MTfY /9V66U]H6;>.14+IW)M=TOA0LTL,/-?DR1>/L4("VZM?]R7E-X\B#O8<(B_8W6PCPH

*MR5L>QR4UNA:>R0?CBU___?OM*5O[?#;>>.'.9[MAM8PS_A:$A8/YU<=S^;QQ M6'4GR+SQ3'4H\P2ZU)C8#BXPY4Q-V:,3C<-G-EOKSN[CG["9VA7&!C0N\8.WG MQ@7>&Q>X5;?*

JQ@4V+K!Q@5^QZ%/$HH/CU8IF$!'Q5$5_Q]8XIP83W:5H_6? M#N95H?AA^/-WH[^\UR>LDWCR);=D>TD8#&D=VL(UO%.V4\91?LDCWU9#L? ML,!>;+90+-&^I3HK\?*

V^[1(75;8]UIU/AB6JE?P[^/;>UEQ+NC/B8_%J@[5 M$^F/IP.!P_EQ*.AB>J8_V1D3-7Z^`;.;?__+[FIO^<[LZ$WMGY_[UH%\UOS?<=>MEOO;2. M;76-

D_V6@=S7)65S\D&L}>NX_F_!9=^18|=|<}YHYJ;S'3HF#VZ,]D?%E+ MD.E0W6W5(.2$G2N.HL/SM>]4&K?QM$OO:=<;K96/6N-J+W53\%%O26?@)W MW)

*[+L5:PE1)T/3OSQ^I:GDD<&2#MEE!3<@YJR:\'+X:G4_!4#L6D>BX)X(VYNTE_MG,8!8N*DF0OF/J7T!]%=ZZQ<(F\LPI52%W:8N;C#M.WY_,6#6?O&4ADVG#\X*

M__@A/'5PUT<;R/$H*0GT'5++W"&5_0ZIV6RN'*4RMTA+YWAT#^T6R;8/L6:Q M$'=)VZ]!?!."NW2<6W2:ER@PTMQ 8&2OF/K[V1UP-\W!{*N]M*4V#/39>7E M%]JNL1O==7-*

75]D>;QV(V.AMW;4H374C49HW(;??TG$)MMC-#71\"Y;8,I'O]T ;<&IZ /0[X8W:4H\P2ZU)C8#BXPY4Q-V:,3C<-G-EOKSN[CG["9VA7&!C0N\8.WG MQ@7>&Q>X5;?

*JQ@4V+K!Q@5^QZ%/$HH/CU8IF$!'Q5$5_Q]8XIP83W:5H_6? M#N95H?AA^/-

M3H5M**7Y$LY(-M>(8V8UUPWOZLX9KN!(-Q&?O]GA5T'*(.X >D#VG[G_XF= M:,I^>$[$;GD6OW7WFZ0%>T3.;^U]X7CPWV-EMGF86(GT""4])@D]PH0>0M(C M!GJ
0I+B,'U1VY1#&FY'?A"=@)X9@Q732^/IN^ TFV5U&U@MIW>'T_OL!P$U MBE]?(\YQ/DS7/LBNO=P<_>9[]\5D: <82K.[T[/;%"?=9,W/,[*8;",[Z]+W M3OKP5.!+F^8"FZR"V;0C_M&_
M]@(,2BWXG5I4HPFK?FJ#/SJ#:*2B;]E?J>U>37_">[".%K\DS?ODKODQFM6 MYP)[F?\>!7HV$["E3WJ!X#]/^! F^Y&[CWP:8G@OJ_Q \ZG!.TT+2;C$ZE_< M7_W6&@%8UWV%,
(,@BV*%\L[^OND]V> MGOY]_/+^]47.V6?;FX/?MQ>WMQ=OVXI9=?65?+RY/+\|N3K^QLZO++Q=W^IF;\]L?W^[HD:OK\YM3_.*6':/> M<[Q8#-
Z_=3SA"5'RC_K+K<0%\M]]L9V#:8'5NL.%7_VX.3O?Y>+9VY!^N=5? MGNURZ6M8=GDJ;Z=VX9IJ[M:/@SZ\",Z ;PXXI /P00MAYSYKB& 8< BF(CEN MC*X+F;I*A*7$
7/U6IBVLABG1>J8NE3M=5O=OZ_CFB%'Y=9>V*#R1_5I91MVNUJVTTCE1^F7JQ MLILL(,R'IY^W&E:[WLS]JFK9N9\O&LIN6MUJ9S-#M:QJL_WL4"]DTKWB GY[
MXMQ=ZF[^7WCO<^[AO>Q3\7P3O=A]T9O,G^DQ^&)CC(Z#"[9\?MPSK));:3NY M(R\?!A)A8+FTD:(N:@%LPCP2Z[J%)4K+8.B:K4'WWV@>OM !_95]ZGC.]7 ME;SN-
@MU21$N957ODFNS*YUFU:KN*$Q)4]A947&9)76/ZL^77)N2U-U(RP[J M0^<,H!-_J-MTTFQ(Q:<]ON8'A*R&S"?G0?RRG12Y)MHD!8%K%^:V*+$G+J5
MX^_E)I,N,*UKJS$X5T<44.6WFZ52^&]0L5EVQBZ /._4=]5=9-MH1-N^],TG M^#<1AA_7\F?FEK^RR[+H]QLZITKCE6 VE CH7OJ:3T2PD!EEW_'YJKQ5;5@M MH\K+S-
A%QFZU9>*V^#00AO/F;7L1^2X,-9@+CBBYA?Z!%2X/W)6) MG@>ESNUFRSBDY6;L@L2&2JW1M!KE4NK/(8L@N1;>^!?M.'AVSUV*B)T^<,7D6[*MW0I?
[FZ%.4G;XH(Z#9:I=*B6^:06^43K"W&VP+X&WE MW& +XB^5:KMJ=4HHY#.H484H/]ICM*F;%$4#RS)=$<(X&$G"OT+!0]_C+G.=
ML1,AO.J8_W+&\9CUDCIK%L:3B1_(Y/G>E'XG*Q*F&'T*DF!W^$S-9JEJI[$F MF9WY#\+C&==KIY4NNZC:8'\
(Q@.1!=+A;)@4\/85@:0P4!E'D"1W]F4TQQY/1'!$OG@#2RF"J#L55!!/^!8;%@F_I;2; 8C?=+!3 @<3QB U](T!CQ M"U38@+6K?[;8Z3-%(A)]28Z X$O-
FM7Z\YY4]ZM@[PU'9+$#EE#"%Y*T"(@6 MC-\+$$\1*C0@5,CN% 7307AJE%%),Y ._A-_0!A27%[=H;Q&?H J#Z25R]HD MC5\41D'!C\!A$NMHOLA) ?C)@?!G$FKY+^'LK&6_#OUO
M/XY;!Y1MR[ET7W-/'95_B!'AG6!Q,3[*OH!1(S MJUJK%@,NX5EVG\[QVE$H4G@&80('ML%#K0'K[\4((2Y<%Y<]\EVPB$0_#@C MIT+4'O,I$&X6)>S!"17*N$9J [Z#
[D%DQ@A6HH_'H9 #3K]Y$S\X)YKD/*E M"+F[FK0&(>"M5)-6ZUB-YH8*R:I6J]78U%!-^_F:M-W,JJA#=3=1OY<;VF^5 MM,SJ]G_X>/+I>F%PO:SK^N[[@^E?
%E\:E'5=7YVH/]I(7=Q6BKS*051I1+YY M.5TYB'$E+21##2,:1C2,:+Q"-%YYV5BFBNT%+0P<"5:R@9X.^R CGS]__C_% M(04,LRN;FYS7XE!BMT+!>@.5D+>?
VX:SVX+B[YDE5RL5NXC!:,@&G3(?5TM73;TN7 @K,Z2L9UP22C:'KUH.GQUPU*GT/4>OP!%N37JI]T4E 4./?W(@CI8_N3?%:E
MZ6'VDFJ&28DH(!G8QFVX(+DHFL_%HO2E_C,3Q>3"GG#]QVQON/N #V0V53BS M"GQX$CC $Z"FZOX2Q@''1*9)'$S\4,@T*MT6;C*:ABC$^&U_A!TYX8N0RP8*
M$_]1!"_E#_+LNA51:([8[0Y[0OZ"Z40"IO/.MIM64V/MLD<_=@>87:1^--!- M4<2#_CD;^(\>K74A"2X\ACM5IS1E:$'M1^=92/F.@4S9]*GAVPLR "_Y3TS-
M]D)%2"T%0"CU#*XO0,..#T I UECIE^$/MB4LY4\@9-1N5RLP%?P/"T<@;"!X[ZI6U683'K ' M[L:B@L_)C-]V,WT:!3/;9DVAN,]\/]=X[:4=VFAU*R")E4:[IB9#8I1]R2/N
M"3^%2[#8UYQV0]@.D0<$IT#:38Z $YR;$685BDTTH5N_N:)=VX_FBMC$)H#] M' -=KGHP57H"Q(F*GV]2?2OU^M5P>/*9NZ3P;T<"JQ6#)71>*9 NK#9JW^H M;%U](O8SR_?
3Y:LS@QJ:\JE:/FC+B>@[0P>$228V@_+#+9OH9]*7P0S- FQG M#:_"KL9TQEB8T>]@YR!JM!J#.L>^N*%L34W5(4D?AE UFB#I%T#S >,]'Z:/ M>?
M(_(@.Z">OW5S[U84QHZVE&T<+]I=6RK5G#JA:RO@.]1!>Z48 026'!RS73SS)2PS9S_I6L0 M_25IR=S4G6]:I(/$KXFJ71CSGTH9)X<&;+-WK4[6+<'?OFO5,U*?WZ]DYXP$
M.PX7YCR ;U5A5&PI>X-/G D558(1%CPX8 AD#TY9;(.4&HBQ]@3O>2@=!RIA MC&C-^!D8<]1$')_#O[63J*I#=JN:&M5YKM4:5K?0>P_9E&4:TAX5/[AW<%!2 M\8P#EF\XPTT7RP?
1>*#>XRD/%AL1A]?#TYZEA>GA:7IXECET:7IXYFYST\-S M!PLW/3QWM_2WZN'Y5/&5+NZ <1UIV6.T1YOSJI2&%VF"4%P!@[D2!B/2U14]X8NC 6&AXA>D[L%Y:@
LQP.@0N1D6NX9'YE[1 M$U-?>A]-%5R"-PYPX'B"KV5>C+$2/-M4'7TE8Y.K2!=,)PY@,/@!S@+O'D0$ M#\J(0)][6-%--R>N R?EE G@T9@L1HY!)_"(T9BDVQ&<2:X?-#/MN"H
[HUZXS%'(PB]U@^ Y^4TB? M08;1;8RC7V=D]XID]QH6*&6=%OA9R>XZH79R1N8C_AM% MDY*?\0>N\$$M(G MNW44U$\4N5)8^%CBU.-%J3.F.X^A#!X,7?]QQD6;N[Y-
0WE9Q[OO(B "!:?! MDSZZ_'F2'+Q&VQB1(!Q1'B$>QYG,L.OF8C^R]'CLC&%(OZQI\D(ZM '3SCB MOY)&QU(ZI?I[E+>WL4<^_JITO! %S?8X$I)VP$ZZ+'T$;2#5))#R00S2G:XV
M%2C&HPOYMCO^2^QFWY3NZ)5I]\ U/!U%/T;*A.*!;J"OKT_E,:O3"=!MUD!: M?AQ-XDA>I 2@JAZ)@_?P+^GF:"0D2GN("$?I%Y[N 0:Q)L"X[W^,+)9Y/7=#
M_^D7=A=$1.Y23.!THO2J[8S< M(XVD<\).+;;HLNYHY^&R51=S;BG=]%WNI2;]J,(HKB>:CM1806?'02A)G*#UE MY 1HKP>TR6'7]<2(N\-L$E3V]; 3*0$F?:&V\.]C#H-
&0N4ST<7%26_Z-%%F MI?R7TK%U[D!;2'Y=_;^@Y!)9QZ0E3795/! 3HYRLB@F*_VR M&/VCX4E/F3TA)3+P3"+#*_)"FL_DA;Q"$K85$OC.@Y] C!LG_,F^.&'?]6%W MB<69'86-
<8+LXAH7BM)3B,HFP3K=NBZ43F1P4T M.^^!+$?<+K-3HEMGA$KKR[P[A5M(-B;=#3+;"N_+P8Q995%,X!Z8"K!OIW E,923G 5*NV0DXFZ:#T?
M93H7I;5(@PM_6J%,&'@1I:O*SV3FHT!_>:;] M.Q[;>5:O#8=%RU1;G@LY-YM$K!*7^J!@P=5TP$RENSKZ MC>81IB'UDS@6.I/ %34=)5\),:24)>0@C>R[2 PMYR08.H,88?[4P5J!]TE9
M03^9$&^EDRN)56&XX;@\ RKIH5]!=DQ<1Y[X=""CP-S#DJ1,X+:B>!3"$-Y[M,F%7[3V50@T"##L7)X@^,DT;AA2_F,<)45(]C1;[_30A2T4"5N;SH[*0_/IR M Y=&@*QRVG-0KF
B^1*_EZ Q26A@CVA"%QX.\OG,0KW?KVF_XP8LXS&"FQ>3 M$^@(<(%QL)J<7/\\]9;)E<^$?%WOE9[%''-:-S* MTS1^S",$TCL/M+%G@K[IS(9QE @G6E#P6/C()R%E"CR"B27?[T]
(#9#B'?BT M4DS%^3)(FAA]3_JV^T-''!^T#YTM1/6*VBO/F2)_,E,_WBV0:_-$-R:<<&4WV. S5X7>ES])0.60@@JD)])

MH2NO")51C>8RR$363DF=2\DQ*WM92\A92<$>!2I.L9Y+U M3++>YI+U"F:^/:L/=BA>@MVILO=]F3BJ]GI4"=*+ M[ZO(2R&)K,&.P8P'2:,_WL_]?)[,0\PX 914'1S!RK2-
\;63G.7LIG8JKP_H]M9'=A2 M@\$X]QBQP1M,V$8@_71]E=&8FK$.(:BY2BZ)8/,BU)5F'^MH\C?#$GB/+?3%T
MCH]B1%T"/*A<0ZDF<;:4:RC3"K4\9U):4*^%^EI5AGTS4C$G%,C>,9PLL<8W MHA_#B&#QC)([@BQM53Z,/A>30*96P&E*K")2N.>O $ "?.01,Y<8T1YFX[2IB];,G<(
M\C)";O\Q_[0WT>(^0\.8?'3D(B$ 2@,Y!X B=[0)?ZL0:A2H'YO5X$J6@;X\$8>>(M!Z$NC50!BFH3+8$!G0"L&KRNZNO4KD#='28W3KB1Y+4FN3A4?" O,%,J\YZ^ M^^SS(*
&U'2,R#*O_/N-Q"M4Y3$#3(H X>!T0-'%NER9PCRR\&Y&UJK)&2(? M!\X0KW0T4E*8$01)5D6!V:2U0#??EN<>FA S[%>("!KPB5IKAW0F)CE?= LL M8+(Z!_5%J?A8T/VZ(BK>9Y("
($5&):%,8.3EY";)<[C-YE3OM!GQZ>T9N_,G M3I]U.]5\9)5M4'/1C:0F6'HSOTMJ5;0YH=,%G\E>2;HSJZ12V X((+E@NRNP
M0MP[^J:=P9GG^6/@C$RDU2[B(R4')MI>)7F$J7>F0S;.,,E"R7PK!JH.%O>T MM-A59HC44+Z"3$RS.*3>2Q:I0&QP!>H-F!_)^DY*V'0H^Z\G MJ\.0:F0*RUEAO
1<'2"#F^08NO+VWJ(M1%GL",VB3T05!0HSKN%,9"M6M_-J MPJHS,KFX X'6/J:PX*<>6D"RS78F7T#5NJF$DX%&47RY"%#QF'(I_SLS%F+Y M$
4E_70=XWSZCJ9KD!S3BBWPM53W&)Q$Z#N5_**\R?#YC)=@]E*_AI?Z:6)0 M4DVT$2C(0BCLEZIN4D1;E?&;R,EL DC2EQP+Y0C\%5U6">(;A]EM(U,7PBA)
M=I&N*Y;T4/$-9_AKY;G*&+/>3!G;"47.\RE4!V-JM$+*:4>PQ 0A& U$E>Y* MYXS1W\NSGQ*>2?V0!"!8\B/2]P1QCG0=*&1*=P"*G MS,.TD#CKADB_B")K*7RSD?]5[1U(K'(4Q(5-*2:
(1YTSMU!#? MN>9)H\XJ%05(/'$\.J=GSX492U*7S6>L'"/UJ_@X^NC$:'@H!*D7>4:7THC) MM%'(5\6I1:M"-,_9K4]*GK+CR=L$?%,5+'<7T[WO,V=' MDKFKS5]'YO(G9<.#2C8D0R>=
FLFRRK_O*.;)[+1,?TXYV#3!XLV_=.1TXGH MU>0?C!2!T599XL=@/:):&G5<&(&T"'F%3#:_U+'.&!%N)![.G+Z-TOI)Q<;8 MRSL830)KDL!:-PFL)H%U?^[3 *K26
U":PF@;4(:),%48D@;EZ2";7PW@F# MPMF[_Z)3%XGG+>8T>!RN8SJ_>.?F1^INK/9@?_^[?,_-7)5 M8D__\^(\5+A5,IPL[]\T,,%L>;VIA[E^BH\#_^J?!8N,S\&P9\K(Q5F+2\
MQTLN_A)@M6R))T%44J88Q_PNV8EK[IY8^O<$2>&*Q+\G%_)1P;YE0M@\.WYB M9F>0@;0)G5P8ZML"!="GI]U'PSYZ%&K6B@9RGBDID 0ZV4;5^V4]C=0Y5OF6
MLP'8))*6MB0C'LRP"EZQ4K2\PHXND_2\J]E[[MMX#!N)/)O;C)1F[OVN]8W] M";NU8$1/P3Y0-I?.R=ZGT/N*=Z59^,SK6610#9RYV[M1#86HL]=TY;+$/$65
M05EC2T/82IW2YVX_N9H:*@"FISEGW/-BE=B 6<_S> @TA02$A<]HRH' G/69 M"_D4$0I_/<"H&6ZP9"OUZ Z?-EH/0[_ZR9F4!()VI,0 U3$M >--DYF3-&>E MD.8A"NYAIAXXUT,@;I
GFB.41H/!$T^3#,68N/TGAL%@F@199J@F9HM'2 MY)-9S2;9PDA^WR%R9M97R69WJ\>2G!%-'/H<$RVH?U6:C=)/,]F3[E:9/!DZ MT&3:X3CC\R_%]^3\@%4G"C5,-
&HZF^Q\94$")800^?6I)*]^U:TF)9*?7IU= MR#N/[(7#+-*7U&D5!9Y,.1UR3?^. R=$L,_L70EH/X1;NE.5VNIE\V@'7&:F MTBD21.K.5+%415%"K?'2P^FH_5.3#
(4$/\Z@OXR$[!+6$+(",2R0C\?TM9 M3? '$L+K1J!#[@1I@F=&;-DQ AA1((PN5]25KFHW"6=LX S\0/>7'(MHY_> M4^XNSCL+8IN>#D[2!!,.ZX(J]!=3.&<5R:L5
MV/9;1"GE*0'1EUYM^,4OA. MA%>;E3*1"?1)1QZSVT-F0, PO4R?N9&#D;<,)N(TL[N&#BQ&HCRE: CZ%7I3 MZ\S\)V^L)#"Y;J0ALK$F!=,^*!R-;5X)+4=K7LR.G5W?
7@@)RCWE:$CT+P6/ M1B@KZ.4?+YV^3Q0M*E^=5KS.>!,)-@_B8,E?8-7% MW,FZNHV@.R#*GI22 S2JC%(86:/39U!!Q$_3AX M4#9_!B(;Y*X_TL1-MNH@#A)C)%F;!O#/H.RKWD]-
L*4WR<,_W]"]0/U/G M5XVU)<9.C+6)$=Y>J-0T0D+JZZ:F]%[*/I.YJA)XCUZ;7F;*QZ2U0P>GVE29 MZ<$,I$DA:33(INYFL&EE91Y6Y5$^G,[#3?QWF0<5!]F^TWSPX(28_T:%491Y
MRY7RG$WX2E(Y-!F?\%O=&4GR4\/=69.-:@JS:B-A'O*-5+S4X>0\2QD4@Q-= MGYGJ\@0Z+VF8$8@3Q%=?+(U#UK:JM3\3\>!?K3^3;LEV8EA.PO2Q.UL0F;_8 MYHX66S1H:]
(:N=THMO5RY'Z]FG"_R_X\U[FND"0#"=TET=;>'64[U73MR,QQ M01L0=MLS]G6FY%'[MUIEZKS]9TF&VD'YJ14JT5 %Z12/D\[GD[>GA1I/3A>L MFZ?
42^%Q>3:+>R=T56B.K/*3>:L\1$-G*@TZ%8--\Z:S]8 E9:FR,Z@>TG5G MK#N*>")B,J(>SC9-R61HI_7>RG21")J+]#J=*LL;J[VIS!S31F621/+$8,5O ML[//!E2>G-,S,(&IFZZB P$<.P]
<@LHJGSXUZBM(D'?@3RB7TO;^$[(=U M:[%S;R!0QWQ/9G(QIAL(&BB$>0CV_?H$K"B[D@W[)!ZAC/_Q0%I E#V;V$-G M5_^\^')B=W4(T:0!I6E #9,&9-* 3!J020,R:4
F#T;CIV"!DF*T;%J M%:]D73>6+2SFO<;92]M0++@0?:3+G9'O2M!]K/-Z @R@6YF\6(N>0[/$**() MIX86YLV?$ [,)!0?]3\^@6,RA'GV95+-HC#R*@>R[U$GJ?_#HU M5:RJ-%>B
/XST&]67UOPU8>GGS>Z5K71ROVJ:MFYGR\:JE:W&JW\GRP::O'G MS7K^2]::5/W9H3X0O23-@"W(\+\=U8]2"W* DO*QRFPXZC[,/M9]\EAM\@L?
MSJ*X9/&"AY5SC+F@3H0@7PO46HVM>)NZU.7J#B1AM=)8MNME] M:9HYM^?().ZE1.'Q5PG>45W;)LPEPES%>)0-6N^8R8:YBD>F 8P%6JUBA M !/E,I*]B857K?J*KJL)=)E
UQN2!32MB7,5DS5%#7,MU%%E4@?/F*"K5O>N MI3%R2%82L3QNK7%/LV7[:VUM46*VV%9MZVQ9UW!0UHS*55P0$RV#&GG&JMB* M&EF5GB419E
QZQU]JPC66YLL2\UE77MFWSANKWO?^J8<+\M]6L$G^($RU M2 M6-6T:LM45BVXT:E9G25O=-ZTU"2_^.&S;-GK\A[V;^$3NO[XKTRQECVAGB!R M[A@DL:
E=PMOC_*+;'[W_0'UV4C+NR^\" P!0N:PC[;\!#W9&L1;+6=%B2?^6X\[CE\ M'NST\N+Z]NPJ^ZE\LZQU$?>JB!T1L)*YZ0X*T:)Z NKV\\ZN-#I-JZOO[BJR M1CSIKRF!"
[,XL;S_G]@)$T3=9,KPYR767\.+&+VB6BTED,=I@NM);:%4;U?! M(J'@&; HW DT3D]";]D[5<%'2HM6M4+EGL2!<,;J"R2>(C#S4>E.Q>\AW>H^3%8]?X0T27)&W.CH_"2$R8??
1>O@]_MC*+MBNC)CV4;QJ<[QB)LAFSG102)R*!39=:,+R%"^IAUG)7 R5;IE.HJE M;@S888_1* .RF(-;EP'B3*!&"%8T,^(8X0PUEC0".E//;8DA(H*,HE'MV1'^ M.
$>2]XRMUX)DSLW(U(6U+_^_<7+O$+A1N ?#G:23/ 9)6 C@81%$,Q(*@:%U$N M$%>U%]'G&I\-IT6_I>TQ*U$5"4!Q%Q!>US2%>$FY^2P2SMUH@20H294DGH63 MTQMB1G JS .-
UT-FB#!4<#,)+EO:,]$AM-JIKU!Y$?2"T;M',.1_$==V\92< M,(?B,S"TCC>4>!\(QJTA=Q52#!%*$F&:H *C?GMP!J0E]=PS74O#M+EJ#O'5 M*:JV)+LE!01# MBQ5L3I114;
(1D=HM&BK?8K<)DDVUPHZTK;,.4(T\@%+(] RP-"I.4K62&DH4 M2P!@NJ*I^,-3[6IO\ 2-Q<[-0LGGI/-M:N<%=<$]=)P?@ZLC&LL!R MZEZ:]I+]N_\(OPHJ^,GLI&0/?D $#D_+-
!^J8DR(]%M1V5NTS MO]^/]G\G853!%6"%_:5K:+Z/.@.ZF,@"9P0I_(O1#+3>XF^J21-"=+9SBPW MG29L_;ZL)A^HH)ZP=RURJ12"A.>&<*BPAW
MX!VVI)A_C+HU),.FB\B2+V.*Q"&_%Y5D!1E]_R@XNBRD&F =^?8V&9%)^XQW MC6K'LK75387T>ER%5D2]-H3SP#4^\?STK9G&!T,WQL)[Z1TX7DK\,1UXZJA/
MQI#H8V1]SJ*N$U!9:MXGL^J[G'##^ZJU&N64:DCP@/$B[Z5Z8=XWR'1=@XU%4F M'3#MJ*AFMZ"[+R?[@H<^->NM:+A'W69_;E()T)]X[J&8>Q&'Y08:*TZ.AFWK M$J]\E?8&&^M-
M:6%F]+$DOSRLY.2F">RA1R:C@_Z@=-^0BRYXJ@2H35@B][@4 M!^$0@->)=K46F+G2CNVE3;V*ZG.]A".N?'KEQ^L&CEG_1IF/H0JN M\P0,.=O!,R24A"3@A$F8:4\XI$?
^11B&8,#%)B-"2A M)#&'WDL-!=EP)*SX0C9H,V27])W/I2)VSU'T5A@[I-GR^EVG*O1'' M\+[P,&:&ZZV@1Q7Z%=V9-;DLRF6;;C&4!*:2,%#&#Q\F(9

>T9#D9.+TCO31$4'(Y-,0KU8*8&5 MC-#IIF+H0$)V ZZ1Q"E-*A(QEQOH51P5&1"MZA3+ON0>@50;\C9D$+:B?:!.ZX. M+2C1S8LBR'@*4+
GTIB#D)LA$UZ@KK7$_+Q56>PKO(UFXX/*'E&D!A."X"2+ MY)/9.6+/N+B/8^/^GRX1ZT"!Y82=JN/R2781K"UW1K*O"">D?HK8/ E0R>N% M1]JSU*^7.:10J(.S4KZDC/$$D$D%>'-.
2"Z]T(M2+>S3R<@]2#^,+-MR!R0 M7)-AY'!5K9;I,3ROCA9LU97434(P#+2W=!&(5C_X.'Z:IKS,]O*!&>6% =DQ MM0L=)I?':LKOL_%B?;++JV;Z07(=A(TWY64BB-
0C#Y!LLQ%QNUEA1]EX[(9C MX2744<\Y]3>ZD<4%'.'8'B+3^SGP/1\-K;&,@Y1MV;BXK&34Z*X$E[MXE1MJ M9>T,_G;TPOW<%!=%O+]T,L(Z5"?/?WIW>T>W +<7Y;W]<
M7W^COT]O_L6^G-Z=[@.9S(V N1$P-P(Y-P)KA_WK$H%QJ^U'NEVKTZROVGVD M6[>JC>>[T5&A*4L>:5=K?9P$7F=V\7TQM'?TVLX$_,;51>W83WT9^_R=FU8H@_
L[)S00LYWWAO.MEMG.^\74 MYM%ORR>[F9V\'TSOP$[>4:!:_?X$'_YHVU:MN87JS05XKR_S85%S1/WQ%&Q^R//!@=\UO-Z)C-R5331AWS M4A:_42![P^SVCB[C"J1
ZD:!;%"FVE*!/(%,,SIC;_C;WM&-7X%T1L/HC,W) M5*M*CHWO*?1G%RV."P59;(R-_6%R>T>QS0(ICJ91'!N4J3HJCG.-*7\M G8[MXH')+MH?]K;;!Z\R6D9E;%"F6J0RS*WI?
K&T;>*@;:,F-BA37503MR,_B$[N ML.'(9S\(_$QC,[BA&RUY/KSTP[)/'9#V,4FG&Q15 MFVYSI=\#)LO8B23,*'I#V&<1F"X\@Q*V5_RV;1-
)J9GGU\\T.C1O:'X;9MHB@UDYBZ0:FJ4\'_\+9&&+VQ7QRV:R8*^S;*R.2X;E!4&Q2%O8TG$Y=R3KB;-FLKM8 MFJGG![".$RD#'T%:&/4E8EJ1F'92!16E)G9+
[X_$('8%N[A824%LF.E&@6R5 MZW;M6?RA#Q'ON4)_GF&)FDP#;(=/$S\D-/Z/@7!A.@_BTZ,SB$;JC,_^2@E) M-?T)[X&TQ-
'BGV1XC_U#1+!]4Z5&&,OM.1IE_ANGZPS^=K1$WF"M?:1_-0K2 M,_9>G/0"P7^>\"$L\2-W'_DT1(V;H<38\?24NCCG)2BV,RU9*]!^>7XNR^\7 MX-P=[@;5/#/*;UJS#"-^^VLO^+#&
[[8K\\\Q\.+N_#OK6.SKQ>7IY=G%Z3=V M>W<*GYU?WMVRT\LO[/;']?4W^OOTYE_LR^G=*3ON4R9 + ;OGRS]6;J\]>+;
MN1O^\@779+V7=Y9Z]\6;O'O)A=_N<.%7/V[.SG>Y>/8VI%]N]9=GNURZ522% ME#_%F_/KJYL[=O6575Q^.;\^A_^ZO&,WY[]?W-Z=WYQ_8=<_/G^[.&.G9V=7
M/R[O+BY_!PUU\SWOY,X>K#RXA[-5&2>=61MUEQH8#AR?12/!0DP)5^V9*:D* M/_SL\V" A]$7)Q#]R ^HK?.E<^O'05]@_9K%%K*T$&M>H ,FCH>E-/#_N,S\
MAK;%D=1\QOTAV(@_",;C@8.9++@2WN_[8YC+%%O1]+-->WO MP&B_&(_8!2R(V4VT.%Q7(#Z$<*)<*5D.'J/$7T&Y&>^ M%$5)O;QG&1 IQ.R"
(7<"%V@!4^&NR\;P0("/PM<3F$$X/X1V@#2-%"N78&1* MFC!V%=/P?V8;M^)'*4\VP1)X#.0&@XC =/;H1",2:-7+<1* C#@3%[AT+SR8 MB@L4A^_%),.@'YXCF\USY"9,Y70,+^WS-
4Z>V86CCTXW.TOP8 +O>(SM>+_^5.G9M<^T:7=?2![I@=\+![]X"<[KE7M M^OOM6&'Y\V5.&,9X)$PUZV"_18*\SML)*NZ ^!_<<_YK]KQ2ESN L$'CWPJ M?
Q4F!:FHRB1GF6H2+WI!C'V=[1]QM5EAXA>J,F0MK#GV_A,#?8<.$+Y_ M]4?^#]0Q2*PWA M$/<:;5XG_!DN?*VF4]ZD7YA2)4NP^2D@7:4:&,@=A/2GJ>!5-EBLF8>3Y8A?
M($+8GZ^"VYVS")-O>JB*X2![<&!O]G'?W@,+\7W$HS%N>[E/!D[8=_U0C;EP M63.D) ,NG< #=V,>)8/G&L*Q/$W!Q8+M 8=I'Y'X8:;.F.S?,1\(/.93I5A! MJ^M1@/_SOW"CQK
/BS_E#9B B6ZRLP+I]#@N"43FQ8F-&R_5PX]:1ZY9T(<-;LAZ5&U*F&U+CYZA(&/ZZ]AYWYX+L/ M2O73@>R0"PH'HNL*[YYT11CW_BW# 15*\8X7/&+_3L>W*L]0T1/UJ2VV (N
M#'R8K>?#9%WXFPX:./;1_,[L'VVZY*O-B/\4'FYV#AK4=X74E(_29(&A*Z@? M,O-1NF#!A$@2*FISX[.AF'#TR"NTI)H?9<#%,ZHO8G>'R(!H'/+BG(!8YV
M5\J!77M.]/>3ZOFZ,%?!LR\B!$&>1/ON=6F7@@2F_0F/;S A0)G0L)D.,8N M!3KO5?VDQZ,8_8Q[+C6EP&AH %Y0'$F/2P:D\>*2\-J_;&0<<'0^24E M3JI&M,S@CY/T!;,SD$J#3 CIL%#(
4U,I:E=AY.KAT]C$!H]+^U&H9P+^- ? MP_S$<"CZR1D%1/2DAI7*)]";,$QC3S0S4*F._G]-1.90OH,!)IB\J@*X&4/
MRA+O^Z&,I*:Z4[JSR3J1.GVA0JOHJ,*3/3*;Z+P*T5*5[P0KCT[&$0_N5;#9 MH\0H#U\0*=R0F6+G8F G 8A<\;],"$B,=H/$2**J/+_^S4Q) M7$P"$KJE8.V(W>.RD9X1#B;Q=^+71R[\
M^!1B1WAR&QP(121&,#D&GYX95F7_L_W*8,M5OU*T?;36EXGS.-YR?$P10"@) MDD.AZL5D21W0>,/K,RJ\EDQ4 A#PGRD/B_R$/"?*0(\)\I XBOJ4 MDX?$B;QEVQR;FG[\RT23\]
<::.SPM!=$D8[T/G]M,5-7+B+J]4:PAOK3[=D; M<3[&^C[KNR(5':N%B>\RT8^VG%_8$.!.KEC M;W#R[F'<1&)K4A&^B9R >E.(JA]%][$R'/L W%@97GUOM/+VRBHAOXI7B6S?
MC0YAO81U@D?H4&=_6^O/P+2)&Y,&*(U(DTB@2M*+EI M0$QB&E*#!N%/KJT"8DMN[6/A+TG0:T9"6]2C.(Z)DIS\RI/\;INK_9$G[6Q M^CLDLR ^Q6@OB3<\G&XN>N6>7^(WD?
-7E-\TN_\[A-J/23VVCH;IAT;(>0S M:\I%P9AU7(>[6SF_:3K7V]K_PZV;)NU24-<@)1WLRY_9;1*K(;]H1_C%U M9F@K4CBUB;$]CKVHV+PDIN HHG)BI49+VK8=21:/MWR=;NP[-
H))+ 81HMHT ME!*MY-W)TK.D[LN(6:^I?W:'ZGO,XW?<1_VIQ ^[\SR)620FX>H,][9 TFK M\Z=;6+-)LYV.QR*9)((51ND7Y)RNA V1N\?Y M$L/AO9!_]'P"'9>DTCE8*B<)2(-8QB:(?
7BXB7O[S9;SH6,+?T3I0D]3QVM' M*8N;@K8=N;B97N#Y8)ZEVAL#F_2#S<8.SF(Q",5 M.S4V,@@WOFF,7N-XZRH^0),1DH@">0^-DB9NH9GS%YHY4\;1T)N#?9W@I%Z
M/6CHA<9"(QD6R0JR:_SGA>U'SATW7G+XMG*DX%_'CZSE5BP@-V'@^53J.ZM8 M]5B(PQ_43_.7Z_V![>;F-IG5J(?D]QDVX"M8&04*G**Q,Y(L;)A&4 M=0:"O>=D*<7Q-
R94)0%C=S,D'$%B.S8=1T"3U))$*%!)0XW0;7!6AMI M-HDJM,DV4=K-.DQ)^86ZJ*EG.D@4NZM(CWW/2>^^:).]\8,IV?J==(]3G*E< M_A[?G!MJZ4;.SX=[;+Y^7*?
^1$(\>6;C@['(%C[TO]\\?6RO=1JJ.F:V&%(K.K$6(?N70M*OK*\FLHV4%Q161-;+^N;X4T<_; M_3O4#FW?@96&,-*MUB#%^O]A64FR-H,H;9/H?O3)..MDG5RR?=M]L#^R#9QU

M5,$.& H(%CHQZJ,DA""R(Q^H)FWV$A"(.JS'06#]EZ]43E%L/4M MT2U+ MKX\EG]$I'\L-BLH)_XO$H@V-W\GV\+@OA(GCXX^&X=1W_[XGE_15/D MA]_/GSY^\?
W]VJL:6^I5L^8%I%U\=\>E@/"W_$>J4Q*LO6W#2& MFYQ/.VT$[RH$R%V_ONKQ/;[I\=AXF$!B&87(22!R@4WKQ$.2:$@DY1/-/1^_ M;3DGA5Q8S!!?76*!T0?)I>+'XIMJ!'%F-
:GW^6$[,RKCG'6WH7=9IGN,)X;D M/B"VU]Y#O V\]*1Z;=O%L7+PA?A$PR2)-7 P)>W$HT)C2>O?.?X([SRDQB+- MH%RS6GA?02 MWR1J[!*
(FSPEUQ6^7F+'6X02?'EFD#ZKE9)4D97;$R0$GQ+"<:F#%^,)&_+ MN)B.P&+H)3GMXU51\"3.X5M&3$$U-EHF0/6E&7JU9^T-7%)7WLHC-[&CET2) M-
UC+F8T33>6P_&9';$9E'Y*=U0"CV[Q)(7L4> MIS9)A%TCG:454]TYOI0P2A-YG]Q;J[RR#;?WRJK8"".\?^WF3=2.T]G>UH4%
MT2MH\24UHNRQPV:'#;_DAJ86WWGVNDAJ=3M$QE()KBL ?D%R-_:P;IG4L=,9 MPQ;;MJ0@GA0)Q8$\XI)=1#[KC6B0/<1_\]RDY@SO#\T74UI_$=M_41$UO=N# MD #Q=;HP,N)
M'%U>-J'%RF2 ;$+()N0_,@#9A)!-"-F$D$UX]MF$H/(7YXR-ZULR.&23,-!N M'"<) Q%M^_5M(Z5IU^&(HMRLA>_8X2J4E]3@T*P)9ER(%%Y%5>+4L([2",?. M9$*2-
HAS<8C"GPC%;9]\;^*$-/DMRC^+/*+D3R2V)WC-1 M]D974DMP[3E>T1@YU[THY>81_Z)%NQ-/KC2YU;V]>WBZ?WFY^]]_DW3Q_^V MYXO/PLO3]YL_[["QV/_]T];[N=?F\)=F/9
'+\KX6!V*TNI&8;=ET*8!MZ.' M4,^PC)VF31FEY0TFU]!WA ?RSGU+D5(MI=FY5:D:MI'$UBB98;OS4)+)%CC$ M22&+HKQ?D%R<8T 7]SL&QNF;I"LB-$D'=T(C! :X$\"=
.X$<"=PY$[8$#)/ M7X6;I\?!T\,]%BYWM\+]X\W3M[LCCH/=UN#;!A'>%IT*L]97Z @TN'"7@3H M.OGA\WJR++,_)/8D9B_W_KHBI'I5?M_KREGOBB5_:?D5<5.-SPR+JHV MU8
JG/]$MB_<;374CLQNY=C]^K*1^A"V\('QQ7P5\VBA$#TBS3N)JG:T>B! MI(+OG4YRVMC R$+92\B*168TAU)<3Z),L2F1;&G_U#Q>][YG!J>X'@E\@7N7 MM_9^;,"A/?
KKU<>L,+Z*ES@:(81MLO@.)#=DI@EXB1^>.?FP#DYX6B0Y(,_H M!\)V2) "&_F.Y0BBX.5EOCPSX"?T_]YC6J#_*]-9PNG&>M;![C>K%F1[L)UE
MUZ*0546I@Y]_R[7%S:W1R9M<[2UV_7_U[:@Z8.DZD>-_&8Q;NY$ 4FXYMV?! M?[6NM"0NL RN7FU[<1T+NZ^^-Z=S(O ;_^&$TP0P=[_BW/L>+61 XQ?[5TN(M*@#^J^7\"J_=Y?
QJ[%%/$/D2S$#XD/ 7Z*LP@]KJ:FW9E#M6$E](%MZM*>PI M1I%7HI#F04G"_JG1DD&FO?NZ39G89%YED^(\>)6]MRR\JM7.JQKA544U.N8. MKP*_<(,IX)>(7_3:^44G_&(H9D?
GA%].M>,:J=8^T=3Z?3KM:OMRMNTS9<"9 M*X%Q&ZV5$1RS#CU@!NR-5EL_(U@L#!9\YXF<@.54#U4#7;)L++QXI-UD!L?L(9;(>CC< M\4M]6D!&I5@7B5*L:EI':K)^<
(WE6W=GNX^/VO.J$_MR,H9$N$,3=0Z:D'F M(J#S M!YJIZ3%9TR0:>IB84Y,TI%9T&>#DXTH&-!Z;MX2%*>H'3> .O9/7]9 M,6 OH&W HO*[/#HTU^*V=#69G./3Y
_/&P<]=QSW'5GYDF\W"N[PSS-$?L"? MZ\W)2/C_Q 58V>2R@NW2MJ0TW-_&3T#H;+!>NN);/=95@G5-43H*)P$5P%N% MJFSU>--:7;DM26)'XP1OEQ7 2Z;5T-KY.>D3CTBC1
2QO%/5DZC9O8."E>T0 MFP[?UJ>+>69U\D%6CM&IA):T9FLC$-#A\'8XHHV4#FT2UFZKELK(5 1X-1]> M1Y2/TN%E4GB95G[O;\T1QD;J&IO:8S);
<*4V@COD5'VC#*6\!:XBMKB6:#+@"9)H/F2-JPXF0D5I=4Q:YR;,_H@HD'0WP M0M%^A#7E4[#9?"2_8K=OC:V_HH A\.165V]V1A@8]1S>SD<4NGWPW#1()LXO-+[Z
M#_(]!FR5J$>O)'_FQ&@'^%2HW.6&C\H;?"[*YT,O_@^OMN-^)/=_8$?]&:.; MORVX* 3'3_J+GTPXQS^]YY$_\/&2@WYR!_A\@Z<)91H2P$VM&Y H++0' ,N] M;-V@/ 3K;
0#BOA$T8<"=80"T$,"CZ+*\!]^Y,P/=&;I)[1^/+1_0?'XZ0Z M%W)\JQRM>W?DS4F8%/_&"1#](P/P9JNKB"*CU+)!5S[8 .7*YGP(84\2 TAND)U11# FENGS<)D?4C\(X0VYUU;8L6H6Y'
"=%X#. M(]I.8>A4"#HU4RTLNZ7.0O+Z,SAXR 9IH"YXK*0^4N:%/)Z?Y@J3ZI3 Z)B) M@S2K&*&UH*2/T&YM7H/4OQ,8J&R70#D7;.-YHCKU[W2>T A/R!:+)P"7@,N<
MBM_IN*15H;*NY5?YJL#E!7G$]FA!-/(5:T ?;M%X26D5[,0;J[';X.75O/RB MHKOW9.H6"L)D[OWI^5Y-B(2P^3Q3GL,1C3XYS]@K\.BY7G)O,"X$H]75)"-7
M2@/$RWC,ACFBXV9#B=GJDH+H7?\^H*39*#FB<69#B=7J*KK$ THN*GN:*HF0 M)9W/#4;.DD,7*H0O@F&LJ*TY)_7+^40D %0ZA M*4,HWE/ MC4D6AB'Q<\PQ1GY]-
S5H:W/ME^?7YQMZ95CB!4!/)09Y(:860.^,H;>C(A0 M/8W4A+":XW$$O<(#1[G;K.PJ&S7=FG$P:8@FGH^2T-++5FU5]A8KF8Z/.T8K MW;NPCMB 5Y1E!D!WN:Y)NJ_MFU(OI/
\5[Y9IG1'1RZ6V>$*H]4U):7\+&S 9>-Q>30B4B0NS5;7TO3RQ\SQ M4F_.B<_EH&;T G7F^74=?(BQ!?$%N6CBA SPD_;!F@F]YB"J78=JD0*A^)LQ M1!6KL"1>@
E/,$EUTZ>"B81AHJO<=!Z 2BF>%@B;K:H&+F?V=[/\>(\HC+UW M)?KMN+?W2E=G^[Z'A7Y4:K$K^.56UU151@2P02HL5)8W!>RE:\:'P:ZTNKJA MEN^L ,"=#^".Z-B'
:>VNH8EG45W@M+&-]2@C[!10?01)RY4FV&"?A3L,/2= MX3*TAS,DA)Z *4C X7NS&:GK=^+<_=DKW-L[\Q7O<.O$DF9_% M:AI19!B=T!JDQX"/A<<,E-3)3T6@6&]U%5:O):A2:C:
(4J'0&WM(?E>D8X9OEJM4Y6$QD8M5=%QFV8H,4"DCVX!SFI?M# MCL+A!ZH[]ND^...&D0VB$B UW(:)<12]>7)#+LLLSZ MK2IE-]31U-5,)2\,29MH5L8^1Q4U
,+:07@TEI(/A$JKJVD,_8(C$!;4UJ4) M3H]CJ@7^?S1?4,PL?#1WEO/\W@ZN&:A\9>)Y=:3]Z197*:':N,AAJ53X"#
M7AI5WO"IL*&UNE:N6QR@T3S#G8&,M%.G)4DO;.QT0="!!-.R6LSPJF@:7P=3VT=2;X6/84S9>HAK/.LE:E9#?RM&04_/M>8635GA[M\2*T47LF!ML7.V 54DJ2T>H:BM7L3-
QF&_'GR?%LPIX[QU<;63N-X\U65]FX'?>5H@#][&O"(L?OZ*?/A:DN@PBYI46:I5 M"KNB[#07(L\&3$&.0B[-E.SN0$QH2N>#;D'YO;62X"1Y>MLF$5#"Z%0'9?Q3XVU(IA0[G6;U>($-
!V*P\YZ0@% MC B,>)05]&)80:WUV\G@[8[)JCOC@A'!XN%I@;#9BAUU9V3+WCJS98C&^:W9 MM%ET#;9F65ODY?ZLRYJ-\<.ZP_2:O]^@%NWN(+@F6[3\I-8V61#D5:1Y%@1U
M6;0'&-&L^?M)A_:.RIHDPT6R,C C,&/!=N5^9E!.]#(7]OW4SVSL)MYPPHQ@ M_Y15.<#=H)0HC-?#Z[%?T59)0" \+<,@M%VR%QA4>TQL!?3,,B;+_X.^&HWC
M\W]P&OZ>.H#&2T#CD>3JW&@\%#BI9T4:Y@_18$[HXIQA*B9BMI)RMD)A\2=**A118L)LL-_+-;3B9*F,^HL&J2DG<93%?4V/+JG5H10JB]]HAVTD\#U
M1MA];ONOCIM\NXDI$O^&:&YF'2%XF1#]98H$>S3RYOB[W\A(D4CXVT7^^.J[MCAQ[)JRZH 4"*:#!*R9#2%Y]_*>%[8>"-Q'"*0H0WDCRPZ\(+'$+=:Q_-[-#Y@3[_=,;A-
'GQE/Q&8KK1^PA7BK&U=Y' M-J@X0J1Q?4W'K4OO,ALV_DN62Z#O2,BT#$6U)A-EK%K::&@BRYX@92B+(UD9 M2O^B5G?\U-1?)W:\HJNAC^R_KNP)WN*U/?
MIOP4$FILXQ)"+EV21-:]!V'PTL._MNWM\&0B]QUMA\+W??Z#_[CW_4[CMO?2$#^06H+'@LQ0PQ M4WWW?
34F$/O+!S5N_.G[\\U=G9L7RCGZ=+M_O*ESZ[MZ0$WX6PN9IZ_"S=/C MX.GA'@N7NUO\CV_]Y[L_[QX']W^_$^X?\;_O6#SHN70E]Z/.V-DC4G_)2D=39_W4NYLZ4IW/Z][9Y,9[5RYX
M[_+6WJL>*7*P%J&^\:J'QKT7=A2\93F6W7)S9_^\.#KK'6VO6&W:=S9/5]1 [1- M?Q(3O,1QQ]CZO;Z2:HEAK^RZI>LCO/;_H+'P:CNN\&&&IS7Q_*O)BY;-
%KZ3NBL4_@*7;;>T5*LFQ'P)C+J2NDPW,%#.T!1S.R#=,Q5 MU?1A]Z4;;51DW6Q*+$9'YZ^>/\!8&:R@TAN36")):,!X>YJ\V+]8EY?9+,OGAU]IE:0Z01DN[7<
#+N0%:@$[(::)$^8*)56)5-Y3I. M0& K<1&/AEZUFU(=S* MJV,!P'@$6 XEJUB :20G@Z%G-<:-5$JB)7_QXA"MS=JG-]!DR_AY,Q4 MF_3L>(BW)!(#:'2SLQ.8K*(6!>DSK2Z#"6H-EAUB
AK:U8IM1@! /&<@YE". M#@%1:75-J^BV&)SDQVTG[>WMU='(JA3V]1XI1%LP**)*)?_1\9:/6VP52P'G MPXN@*EUM9,BH1#[A?
]V6Y$CZGD_]X6'H.\,EK7)^\1X]EWR1[\WP^E[O294< M"EA^5WC-,Z:0R1DCX##/AQ/-"UPM1Q*(NL7&27SU[9#?3,%QP^D3E*FE9];7ZK,B?B^VJQ?WHS(GV2
MK*DG=R,AW'<"_*=;_$\L.,]+BZ#1(MWU:VD>0_IV2.@7R1]![6S;31O MYF'!&S7)1*K=#N6LC=(LI4Q[/='_6/ 6+;;??&N+2=X5ACGI6-0F_U7HADDC MF[:
K]T%&A%1,'M;MY';X/(S%&?R6IS5((%8(E0^580>+BS FHSS@QY,(/Q[MB3\SH9V([6"GY* @V59&(NBA+%!=).)L=P0(BP7RBK/*]R:EWUL!$JS4//&# M^R3A/YU1BL 4U2GEV*8
$X1M?_\923+EH&*F-$DQRY0^7(\JEBFWBGUGZPH[M'[4,_:NZ3:F52JKJ]J6UNO(Q8F52L(24&M;&! ,+)AAW)AU\Z3U@B74G#/Z\NWL9L.[T>F8< MF)J2=<:!
(7=T*]L,@+V=^Z6.KAB%C1,H<%%62>,$]HQ<+3OT2]^8OG/_9N/^ MG8J>;!OFLG_YL0X9([]K_B.WV_56WL.=N&G%O,-B4U5D::I[:W;>A+R^A MEQ-
W:.C[W@*OY:TM$.=0Y+*Z^_?261"7Q4D@.?.NIU$^F-R1M;1% 77(0$K, M/$6KO.6]%92WSV7J6O[4>^-(J^SE$&M(WT-G1J/N"<]3D/3<\8K?Z2_NW0'R M?S@C1"(J_MP._ZOE_
JOW>7\:NQ1%P;Y'I8+66]U%;4M:?)99.!ST".@R0Q; M4*(JEPR;/]?4Y()A##*VLHM<06UU9:ZL::Z1!\PQ=#@M%"^XBTWANX<;@/(5;),PM*.B4&45(R;;/7"P(4!GDB
N5$=OA[^44%&KZ3 MVN9U@JP]F6 1@G_"/Z6RR< M_]MSW/#O^.-+'[%F81HR:6JZ6SO7/$V% Y?\V<"X=)6BSS4NS7B8S0,-PK%A0^QHQJ1NE+0-TQMEOEC9=YORO
M$IEZ3;EM.I+..4M_3RVM04(M.J.#:8/T&@CT-$^O*0:\%A;SFI4_[L[72*=F MV*R10\-9ZZ=@JYXJR>E1/GCNZPORYQL:/P/RIHCEM09V*-BAUME_YNSY:()5=5XC+1 M&=
[9YFD7X/!KD!J0$K#9LJ),TF^M+:L:HQDDN !+A\[?+&?)2Q2H:8P]);TE<&@ MX3:P!CTW;FBM%D.25HZ;(E5=SB7HKIY+1SX4%-H6Z06RX=3GFT=J4(0?47B
M(V2L!NLJH\E"\]3@U*AH@([<7(37H$?1KA"\JA9_C@.45:0;IVY$T;_!7Y M,&FE3/95$U+^L /\E9YOOZ+\#22XYI32[X([%_FO;\^(-N,AV1XN/M>W1SM<
M^O8,G_.].X@.FL4V)!QI6,T.1X*2WSSQG@NT).JH:QT3'-K58^_;)ICO8*K2 MA))@N5C,Z*1=.Q1LO$A,,5I!"3[N/%FKE!F>[9^KP^ZYXT%\U"R&T(D45QAE MQ0V2XN#E;IX4/P6K!L%J
;U:>?1S\RZ\]V9H1*+'PL+WQLN(_),EFA4COIN@ MV-2DC=]XS/PIRZ23=!OME@'MNWER.QM(K597;TS/D@8V06VR.7#W:S2U77QK MO-
J;OG]0_[/>'RY^17*8V/Y=NSUW.5(6Q597925T->C: '6_.==&)FQ*^+;0 M"_/#PVUQ3O;',WHE/>.QKB'8IU<^-T&%JR!E/3G*J.AO;VA,%F5L9$A6LW,@ MP!02
MP3_FE1]H1EJ2@W5TBG64G/*+]YR<\1^K(Z82YC8YX.TZQHGS"XVO_H-\CR5Z M5'(7F;(D?V[R_0CF5'/NQ\Q@W@6M1AP K'P^+JVL2TAHZOMH8;]M-^*#A*;3 MAMZ0HW3&=
[\6R WVYWG+(@E[*R8TXP/#IEK#)C5 2:Q;9'6+Y-*L*;S=.X=B M.FJ[%W>_>N^$@D;8I[=//6KBFZ2A6+-#W:!D-T]6IP,G:62M-#XGZ3+&:$;] M5-DM[PI=#TS.;/"E]
([E,_6UDB52>=P63;'9]Q6,QFP*.Y1?3I>+':165VVK MEI6_S1O,OJQ C,*LRT*;P38PF@9)(DUP5%6>)+(YS2?C%2 3C4C2#,85T#R- M"+RM#5)="@2QDK2K+6J&-
R<>V68(]C\];_S3F%4>9Z<8&;@DS+_MFJR M@-\@Z0W^U^9)[Y,AJ^V'+)=>6>ZM!%@@V%G;68L3A-4HO-.I[;^BJ*UP' M8'"=EI\8G>=-=)S)L"66;".]XQ5H'@^F5*49AZGA2?
K%RVK^&BZ8(%EDQ!,F M1E:9R9+#RV"2:(EHL$KF&R3?3V B&"%Y7M=&L6QA4;;0"NC;5@4T<^;@1"]B MK*N!EQ);[$:7$OLZJNR0F+S(,K-
JO:%^J^]\>)%1%>7[9!5*LDAJH]N&:3*2 M_QIT69<@?"K*!,JWULW+_F*%#AM!('2JRJK*+'0D*G1$P\A?P,<#XU-5Z5-(M:AB39%:\J8GGA:X7HFC7[I5*CBGZU;-'-C,-P\7UIT_?
_[L_!KZLX[GOWZ2 M15'YY.,_?TH^6W42LM:1CZ%(WI_T*W?,E$F_A2[:3+'D5O?>'!@KY/2E;#M_[,=L.>.R:3"1>D*O(19;889)F$@!19 MV6LQX#.:T?
IZ=YQM4Y)8WZX4NBO=.KHKQQ5D45;I[O /2EOP4;! (P*WV5M; M\"9DP@KIY4D7UQ869'GTXRA98)Q"U2Z4YKF22665MA/D9_X[E4'I->C,+?[^\"
(9S:H3"WWX0A$I8!_JWGSMY(D+L'6^^Y*.\$P!7N\?'A]6%T MT.,0R#5 7HK-.L>-S@?_JR,(PKM*A0WIGDXZ=W\?^I^ZVV_9>&YN^Z^.2V\G MJX[*0"H=7_IVJ.1-\??309BTV.C+3UN-
L_VJ^/:[LC!9S0(\2]HP;=@^_A9 M0OX0O?KX3PO;#V/*! AO)/E@)]L1'#FV>/DJB3+NWD<_G7$X352>C:=B'4%< M/V(/\?:6X?Y'-N@Z0@0T-9%(5]X!<>._4W]=;?
J*KH8^LO^ZLB=XL=?V[*?] M%A!-9?/ \6G'+[?(MZ?8^U&-8S(I;?.1.H8%E!>UB+C&.B#R(ZWB=YN;M0A3 MGTCCOSD2,BU#4:W)1!FKEC8:FLBR)T@9RN)(5H;2OPS,<;1-#F:3&R+
(:>,$ M>S_:3Q4N/-2M'2'@_]!V'PTL._NWM\&0B]QUMA\+W? M?Z#_[CW_4[CMO?2$#T22.^X2C3^>PY'M^( )=:=,/CS M[NYEP+J=#^DXU&6PUDNHBP)O8V8O G2=_/
Y2=)R7+H8^M#G^%VQ,L.HM*7G M%?TYOMLM;'%I"KG>X[!._,7QS=_!F_NT^WM#[NB6S/R3V)&8O]_W*DGJZ(J1 MZ57[?Z\I!2[*.OBJ(Z&P[$&KLMU_](W73HB_;93"(?
@!FVVQ!8<-9?1KA(B+ M;$J5^CD=0K@S.#;;,41*,U>1EULT0O,AM@\5J4UMU@P[/%*4Q^M![,N"W#X(M9>L@JN[$P%V4]Z;7OW_I/=S_?[V7^Z='JHP^W/>^W#_#*,ZH+U0C<\"
M<7&';WD8/"^;%?Y\U>W/ZB'FC3>?>^1;,4V%J\,^]#[R!T3/.1CVE-][TJ-O MH*#IV_Z33QVAX[_;LR5:OS!VH8MK%[I^./2Z;RU&&6LQ6EVQ(])2/M[]@KAR
MA1_D=6UA[^JHKA@,IQZ/B;T.%UP8F,WYH&39:_-J&QM5JMK M:&(;8Y[\?XH#CQ8LV*NO_)SUX#-N[FD9!J'M$A;/NCN%#.+1K;8IRVW5V WF
MTT!0N;#)LWK2UD4UVHHIM75CEQD24GCKK]@.:+$;6.6NAVQP_AYKB[QDPY2> M@K>!32J &7%41<:0@\%5Q>BU36:TO#EK/#-:Z6EG:1A-(8R6N_%PS0TMFZ5Y
M]_VDHC:7\GU8X5U]25:=5U%/T[\/VP*G+T>K0 4_K ENKSVOIJL62>]'#6]K:4V=TM8#MG=^7%Z]A'5Y;QYGA_O43]2PSZ;@N8I1$AND
MI#)I+R4/C@E2Q;,8$P1%^\W3]HYA>!>KQ*XW]?SMS*')V0FU^CZR@Z7_%NF M%];J[$.!HCLYR(-FCBJWNA9KM.E.Q+X!]OS9@&-/FD6!,C$=.!1>P"%1?:5Z MZS(",B7IRG&%41O?
AKY2)U+!K+6Z9MLTK',;M=8,B?^,0AO_=C3\P+'2Q*\ZD/&NI8X3M]0A MG8"V6O($RV'@C!W;=]"EJ?0%WB/?'-?S,LUS<)YD1W-5,1I;$"963YZL[U6!&1"TM\8GT/9^\O1>& MOC-
6);U\WS'N@ ML>YWT$U\8]&^4=2= ;_\(;A2RCW M?_#^XXSG9X0': GM:-7#-SE8ZY2FZ+!JO*JT&W$M@RS;M'2D*T@1$MT0E! M3<_B:6#[IT-
63LKV/F<]9*O\ZOFM0R8L%JY9[$1/L=GJRG+;4&5&K_D&W1$G M67%VY(7[BA!A=)/$9V93. M(D$%LK\;I!-EQ/4N="6L .T?L@4IX"7"8##%^+
(Z3!;@Y597%U5&_E2#)#4X3ILGJ9GPS*AG**VNTA95,W_V'Y0ZGE2R M$X7(%O8;"9*"-GYR27M\DOWH(^H)VJK:^I*LU/V0*]NGK1.CU"MU354BU$> MQJ4&G0Q4P@M%^T%5YJ;'1
#W;]YM\FI>"5]6RTU_]T"VOX)Z0_V+](" M=S3REV@,JO[)K?S(,1[7HLQ65S(4!M(;))E!SV^>9$X)3PO#4]<9X1TNE?SS MTJ&3W/-SZ7*>> MCX:$[26+QU #K'+(,FJ"GE.\S)V3ZO
MCG8=VC_(7*K:S8\S@D:=?-$^"E055I=0SZWB57-T*[O?HVFMON*A%<[7V"S M"?I+:7+:Q:](3O(/.S$H65 GK;=9R>8-DLJ@6#='*J<'IM;J:F)3JN\:&,9L MLB_\&;V2_I>>_R;,4A1>-
%U"*EV=7Y]GBBB00:J]F:S9H#L#-/GFW!FGH93$ M*HT",A,A#P86")E$K.13$OR@7>*1&U"+FB83H?EBYKTA) R1BR:05I3C6KZ+ MC_(9T6;?&S6F!^2>&>44-
;KR"RRZYMW.)X&5E+O+1E/*![B_8KA?X'F9H73Z M0I0&@)D"S,]3[SEZCJD$ADD2 0RQV;<;V)[-N]TR0)14,$M&4PHP*FE%LI,F ML-O2I=ZF8ON[N!2Z*+VCI5C59UJ:@1%S[1-
=ROF!/A,J7"GTZ?>$M@-$7M#J M?I ^YDAKR$IU[D1 ^2T[&-R?K5[6E%M=M2U)#<\K/D% E&VZE=,"K?$\47Z[MC_P\H;2Z6EO6M<)2Y_AJ>!;?XF?3\"RR>?
*V.\MR*ID;>_'W\O,SVYOLNKY% M$X1EU5APZ*Q$(20U%^"E/E4O2HXSFCSY8O_:$ Z/*/N%H&+[B38O:W2J*+BP MFZ?-%(UDC2!9-%FS>L&_#?
YM[B_*),:;Y%B]$080%EX0;E15D)@O^544]Z6_MRA7Y;8*[L?0[M4^&.7MNSXTF//>WCAS_MK]UX%^B\^[/\.(W19;GCO:[*4GO M"=& +"[PI%=[R58 ;9+ZI8GY'0J0^G6&UE^!N<-
-4)KKR!W>Y,Z,*C/IN]%6 ME89WK@;CKWGW4K$X)@TZVIHD-GY";B-E?*K2;S!*BBKZ/JR.66*KJUNL3/P& M272P-)HGT4_%J]3JJF8!I8=@/IRA^1#%/]T5@#:-".H+&R?
1)>BJ6G!:Z&&N ME5M=15*@1138#?5FAAY&J4(Z]#9_7L(E)8?NS7BYE-30K#3G3@94F1IZNL_M4DEVJ*5(':O)=]@)$@(&Y)[GU5@,6VB$+719["@P$3?CC5K33%QO/G="8G)'
M%A'I-H]7C]P1L9$^/!,#20@]X=$+D2!9;:$57;$'GVL=N\&:-4>VU)?GU.HB M,#.^Z&R2F..JGZWYW11R!_*:*SL\YCUQ<,!S'4?X6WWGP\O]6:5:V7/'@] ;
M_37U9OB4@M.FRULZ\9&T#=,\BP%F18JKBE30?&O=O#TN5ARQ$03BJ%)UOAAQ M9%!Q)!I&88,L:A4)5.WZ%)*&EHF66JE72^O(QR A[WW 6IV>I]"B.-0\"
[G"5Z8Z9E26(1Z[):7=UDV,2K M=3FN((NR2M>'?U#:@H^"!1H1DL_>VH(W$1@QK'991WS(+ZZ((C[E@[LI\Y0/ M+TW"2],. 2#%07O4P-TZ9O+IB>/:[@@),X3Y+" ?S+9%Z? 6OT:O?
R!O7R4U M]6V:6!O<+E%&@:V(I'Y]?S7+N_.($.:Y5,B2EE#"W^_O B&#6L?<"BKK7J:(]!3R MYOB[W\BNR&X#LNV;S<.,B.O@K0U"_(O8;>+C9PD%0O1*3FYA^R$A X8?/M9@ M]
<']1Q O127QA-V;XJ)9K'Q5'SABNM'["%>ZC+<_\C&?3A"A&XU';>N MOG,L;?R7+)=@WY&0:1F*:DTFREBUM-'01)8]0R,I3^)2E8'L=/3?UD M#PO[%5T-?
63_=65/\!:O[=E/^RT@RL(FZC#DXB599,TI3NRH!C&9E'9DD4:$ MI83G4W:ZQFH8\B,MX7>;F[4(4Y](R;\=IYU!ABMBI8TP"OY@;Y_9/=WPG1_7WH?SKAN6HQ?XB
]R]WWP2S(WR]?^P]WMSW'H3!2P__[N[Q92#T'F^% MP?=^_X'^N_?\3^&V]](3/HRHHW:)QA\+.[+*?3=4%CQ6HN*RO_N^&@<,^\L' M-6[\Z?OSS5V=FQ?*.?ITNW^\J7/K^_6
&F35'FBNY<_35^'FZ7'P]'"/Y<[= MK7#3&_PI?'UX^L> =87OZG6QEF)2U8[:Z6O]A?H%\)YF]B) U\D/GY-<1\>E M*Z,/?=Y^'2/S@AY>].?X-K>LCJDIY$*/XS+Q%\=W?0?O]-
/N[S6K(\LR\T]B M1V+^?M^K)*FC*T:F5^W_O::<^:)4]I^25QT)L&4,UZ[\@Y6RWU'"]4__XEL M7[C#^L%8N$4C-!\B/S+V%*DME"LVZ0NO:81NE&*E'[#9&5N@0?I8\0%2159) M-
<[$2A$'4E8M]LN0O! MJ@OHIN/QS/%<'D*RZ;:6R<-_I)>&[TV<\,$+ I:W7B$#=U5&Y**>0%ZSRRX; MS&$%94SPR&'Y3,D+!6"&D\'/_KQ@ZFPL3WY@++/KK.8R#E
M5?;/[GGN2_*Y;7EI\7%0A<"Z=8RHW4S9/%?\\0V'4 M +"W<;B9#5:74MDS>4$R#0>,D>T MZU,A8[:ZIBPV1>^N7U/AL*E1;I>S9-;E0%<.(++414G M.UPD#!=-9W2[X;
(75OTJ"3AU3H,YK5052$$-2JNK*-QT! :,5*?8I,<(F5NHYM=FP%ESAF/C./1,-4)U(QD)PH=7 MVW$_"IB/ SNJTK1)9_>SZ:Q=@5H6X-7CG]X+MS_PP9(C?G)O,IMV;%BM+J2J#%ZT'P$
M3Q3H;ERYW1H<54S:#T7]>2@W'AO4=7+'>IXE(%O)RR0!CSC?]HX_(IFB?=L9 MOW@#%(88)PQA:+:ZALQP>*27A>#KX/#2/.(0RP49J]55)88+%R#3:,@5!9?
E1\EWQ>ZQ3.F9KNHNUF47A F^SKR? MJQ9]+"X@#29E1I9?Y78'&*BEWK5E8$?&1JO!\' =GC#3H%W;B[$*%C:G.54 M:LY+^6ZFMON*W^:X0N2$>C]PY+02O31*["4^?
TD:76\TPCNACI01"TWND@,O/_GI/T;B\^7!;P]5;7 G<16/Z5U N=B-$X2 G9RORCI/R;_2A:2 FBDG^V M#H>9RKQ?Y7T?+9(RW76:QVCI^Z1$-T?
SE08HNA44#;'Y8>/0>^Z8$:ORYD=>OY;? U_FJT+B"[+YBZWYF-]T!$#8*[8*-5BL8/T&XT;&* M&,@+_"LT7\P\JD()0^2BB0,V6APPQ8.7RD M,6:#CTX;%.UFJ0%\>(-/J5=S-M
8V!)0N7&O0 +.L;H*?7YJU/#O\F.OO$:?;HN4?]9J3TC374$^P]WNZ40E62PG%$YD** MC,81@*-&X^@T!_[I.-+$5I?5?P1\"*4GRVU7>S0_\;)<":6Z M]K>
[YQW6Y36).F=WN:,Y>75@@'(HY$_W7V1"K]SJLN+\X+UH-'B.:0@%@8?$ MI30>"GG @Y%"JQYZ_ACY5Z&WN"9G"@S9RPDN.6Z72I;!7A$H4#ZV0JDH6T@
M3'QO+JR0*ZQ[WN;Q;*0^,]Z$2.E:$SY]VK_?]WXX8S3^\O8](+.]&3V'6V20 MR]P._ZOE_JOW>7\:NR%5_&[66*%!"W;AGD6O2TR,UV)9G6JM9QJ64TJ?
M(5PBIY#6H&U+T0IK#@IP/7^X'HEME0A7GQDT&(+UYO].^E MXR,LD[$4#M_Z,]L->^[X#O]V$4WQR"B)#6RYMW5)S96X L$A#ET_1Y31$C%E
M4DRI&@2NSPU31S3&$C%%^KJV95$YH^AC@YN[W[O!TK?=$2+=M#R\;NCGGON. M]SV,SG'PU??FJ^.-QF$2AEEIYYM6UPZ;Z&*KR\H7:HZW#*)(_/D)CFD2A2!7 M:G65_#T^
3[\P>>8TE (?$B36+&)K'5Q"'/R];W@E#P)E@5F'L_L,T/=GY> M._^KYS]'ATG.EHEWTCM3U\'"X@HAU5GM*1!"@JT OP\K"/8/VYF1;JQ7$\^_"C @P8]8'C5&0+(#ARCU55E ,ZY 2>K
MGS\[<**.G?QG#)^5I4Y(4])-W #=NU(7/CGJHTEVOK!:74MA='AJC@#__]4]$BT.W'N/B@0X"\('M\@_5N=,R_-ODU-F<9.,K3(3>E'Q!9AR1VSD XR"Q:\NY>H."8#A$#![
M;N[\@%&QMB0J)@&UY*1OXX/&O^I'Q[POQF9HK:YL07(J5W@I=>Q&%KALYD!/ MG%]H?/4?Y'LL&.G$#6/*DOR9$Q,)X%2^@5T>G S>X'1),?&HH9>S*K>T\S6H M:(
F6_XD3$;VRZ9;BAYYNDQ2@U0O=?0&.^#!$N/0$DN?UWYJ_M,&5)ME)>DU1ZM66)5>V5V2L";8IXQVR%'5!+Q*Q,,*L9$L,P ,P"9D]7W$K$

*M+&G*BC$K%C$O$/IKY;ZFOS]N[8Z@OQ;TURJBKB8V\)P)FMTX0+&DW#FJBS#SW-M]21$_AS+GV$(N;Q%M..(C_=I\H /]P6?;93&EE$>]J2%C6R=0S=;"'!QY"3*
MTI^C&"C3=K,JR1IB#7AJ/)ZR-.S8@Z==R.C8@E(UAOT$_<>R:?^,5JFI.PK"`M*K^7J`\S,OI!\(9XQ30/L,("DD46Y.(/?)LU>NXX[HVZ3HIGL8M!)VKD\39 M.(=#M\'1JSHO:DPL9/.U2
34<(B:(Q=R7M18K;XN\C#X*)^-%Y6XO,(M44N"`MJ>>'`M5+HCF&@OWJ(Q2I+9"_7)PV,B `?:KE9Y$L@:;NB9#2S!6$2G"#X;L\V0FP7_F(&+)T"\F_[%/T$]HB09;JF-M
*+&@A=%!X<&<OO"9<(,0\'8K.$1)NLK$APZ7G\%COR10_N5+)#/ MXQL>K;BBRDD4'1AZON_IQ(N'RNB\"<.D2)$DL5$*W+LWJ_/OD^/ON6-.@[!B MR2^KDV>QE|H[&A;,
(N,+1*662Q<&'0/?_8I>V$!1P]'^#E0'UT8?DC9IR@S M!W-|>68 W^JLMN(C&:E;YC=O-3,"%4$1.XPT]\0$Y7DU(2C\|%(N-/U*:4/%^)?^, MQFB^H%C E_[*1Q/D^V@<*0.0
U#D<+%%/)?E:4(.'M9P5.&F#E:]H0B(;]=W_]V%[:^O;9M<[4C\Z8Q2PD:I7/]PXV47.NI;QHT5M=/5?/ !+ M8V[];%A)?ST7UV"4+ ^NZ%?]T_C]K?EW+EWEJQT48V"7EV-/ 4[;
<5E4TSR`_M#JRTYB@*1Y"[BU#28E0UBN@G!/C@7S##D+NMTZP MH4>$7IE:1 /4[^J2Z%Z\M$]$T>]J7#37 C.MPDO\"$S2"]T#02%(:Y\\C%+F MS^6]D<4;3<_'P/.1A/8
47^^H7MARZ8_7DRYK8.F"C + ,:O*/K2CP\W P?) M!X)8X\ `ZZ4XO@T"-Y%JH0-?E4$<_||TL,@8+-.*Y5;TW6^O8L>B+ MU0D:H%67TI;_=;XO7BH>(8&S?%5O8'MQ&&D](@A*5%ED
2LX,)0=NW%-0 MHI'B"OYC\/6WQ^>PU7XC\OUN'3)(U\T'6%UPQL+55D>=RTKN+\/Q_S19'?#A M]A*R3HKE)>AEQQ50]BN63P\4 P-%4AAY)@"41@,EI7, /5#(=`[%?O*>"16EU-
X\'C]Y9S(@ M#A&THR24AR"5(HB#OIFG&NY#SQ\C_RKT%M?D:P-OADUA0L[^0^]Z^9%W]H5* MYLCRY\%@=E* M\Q2]U57:IEK U!% Z;FC]
(A+HT24&F3$'1^A77*+P^EISI"LJW(X-Q#LAZ& MAQ'1tO^E*80_,&6Q]D#[_*^]Y?"?-Y,@*=1C"F,3_[)8T>%X= M/_E#SQUQ_V1+CDWV\#P|S\LA'=H!N4?2_=
[]&LR4Y6_P#)?>S':*[R02-PLS\ M329?M453+B*P6^%E'HAIUK%S81[Z6H2YR"W",AE4>L8!-6Z](:A?12/$-5 M8WX'UBH9>
<5]4<.1X"XR5X1WS2NUOB78H3!$KX[K$H\2F79$T7!9N2196-(L M\?,)>IFH$KU,3(GAT6U.5 L2%_C3L22Y5)CO(EEN=0TM_]!DP!*'6%(JQI+2 MZEHJ-^,W<[J"HA>]TX4(;?
MAU66*L?]&e>G^7+HC8)!E%^9XLK\U/;;GR L0%B L*C;\JK;BM>+L>)VD ;4;/L4DB%U M!=-9$H\16B:$?C=GSO2$D>L'C^%=[6 FO"W%C)/7X6;I\?!T\,]%BYW6."\/-
W\WS^?'F[OG@?_1(C[?]_O7_ZY M9]4L6=*T9$Q9[YBR4DB*H=Y1-)VSM$>]HXG94DVK6!-_YV1T1-/@;$U:QY)X M6Y,D=E25N!Q>_(#&\VTEAE.M:X_-
C>0ZH2^\=D+!9;,4OHP/CBO@[YF1@8L[M+6[XS3PU4H4'HNE/I/(;'!PL5&0"[D&:5VGGISNCU9@.8>N(^EV)VM&T%(MA M^%6(#^I*Q)L5[.8V@&*;+,/TCO[ZFP2K-.1|
(7TN5KZ;Q4+G;`#Z.&U$OS8 M,WND3=L97]U`_]C\A@:\0#>4:AC7)\Y%F[1Q!DY60I+SND8>]/1'?M,IP6]0[DZ2$SOZ(X_B_;7=1 M^Y^"U!:V"H&V+NK"#?]
FBO!T!W1]13B_%=_!]ITI;JH>CIM2-6?]S?"Y!-&, M^`LW[O/9]WSR^EX8C9(G?]H7;UNF)2*-%4 E4Z:K:D/X_MR@W"=;"PD0"]=MOE-44/)MGDUV MZ"*U!$P1;GO@7>#==
[QKU:V)ZO)F3Y)#!LP)S'GVS)F%-V6O)D^]3BK*9:VJ M"EG0M4$D@$@H9-!-31]V0]U$0V9HV" QBA@06'P.0@WTV$KE$3 PO3FZ3I&> MDN!43NU
R^`E\/+X>5G_O)3L^).37O[ETQX13Y,TM#Q:FJYE!Y1&%]%P@>2 M67HL83U%XQF>.LBDU91,69(_GZ8P56Q%Y6T+!-0!Z@!U@#I G?]ID\D;*AUV M??1];^*$Y IG>2C45M<46=G#@
PND0%\RS-U;H48Y9U&:WM"(C\(A1G1; M<%'4O_^=2M>#+8 Z0)U&*=(&YK>ZUMAVL@U3A2P1OO* M35[L7[0)-1/G%Q0;?'YWD#!$<[<'FK$*SUPC_,0$T4E&28>F7;7>;'5-ZRP'
MWYPE9.!ZX)DZ!1KCI_*SQ14_5QKPKH'@M\X/9XS<<7!:.E4:KQ4\#_#\]4^ M7Y!S,5^>CEY7ED[4+Q1_]3?Z2_CPVZ%+K8_\P=3VT<'+3=Z9]D*_@*9/KP1H M\]9;-
)KA_QDS+!Q#;'7%CK4[U$58(%(R--Y$HH;JW6 3@C4 >H =8 Z0!U^_M$Q,.>$-7BL"&H]0!Z@!U>%+%4INZ_M]JO]H#MJFM+J:QBBF@5Q\WE "/ S4 >IP9.RF$[ ]+P*VZK!S/3T@V&.U-
C)H MC@TO/,U%, _#_!\M<)<7J^-CQ3M3& .WPA@@TTNB/S \6)KXW%)QO,)R\OM>,2=98M7T,)9;C6S MN_EBYKTA)$2EM8NE/YIB15K Y^%"F`)L2*_4 >HTVS]9/+EJ2G&O1.7"AK?
M+GU\#GV\)&],4Q.2NX1^IA_?)'U\D;!<+U:KJW5D3CKT H2 P8$Z0!V@SL51 M!\#81%%WHRGR=#<66K[&MS'\X+FO5R'RYV2T")#,F3N9$.XL>FKD)@.U`]`M '7.CSI5&
<*TA_\7?,&/R>P:Y 8V^3K632^UN1+*&#$, .(20,#>0!V@#E#G M_*A3D1F<_F:4N;H9+R@BK(K2A[\^"K8[%A:^-W%".E2(E*!;/!C<=D =H Y0 M!]G4J3H>_ 6Y"-\C^[S=2]O+SZQ6
^P-E `J/4N3CJ5!P)G(K]CS=BI!Y M#Y_B, ..^NH ]0Y/^I4Y-W9>Q,.T4UH M<7(3GIK0,/3\,?*OL-5\3;XV\&.;6$B(QU\[4D)A2_VC/0A$NQ `\";"+1A
M^1#Y@B*U!5F4Y.S>M=1GPN04ULE4PRCLP_FMO.US(B#8^\ZD*Z>1$%-OAL\E MB+N0N:/9DIQ$W_/)ZWMAU"G:'LI0B\?N:L82(V:KJS)*@Q*:U7+MG>*1SB)' MR@YUI%K+YDT)
@$$PCN!8%0C$*:>/I?#_VHYO\)K=SF_&GOA5?RI]+&EA8:6C MK:EZ1P.) 1(#)$,)^\|6-==,V36W-&7"$EM=RV*8))G[GP)O F!RSIN96-/B M\3:WI%;7;"N&QJB*@-L<) 9(C!IO#-
<^/-3*RY,UJF*HY4,4/*>D<%51M$ H@$CD?5)%(-MR*A@:\0XMT16KAM(C"+Z"38L\X!-#]+UPD=3Y ;DMR &IC=`N:8A91.H\)X M.;P<7@XO3SO *E-5I=;AN>;L8ZID-
\>/""8,>]D"H'E+']9N2 0OTU4 >H M]0!Z@!U>*T]4)3#[HT^[_UK8#M M6F_'2OS3Y,7^M9TF,'%^H?'5?Y#OK10T<\v62OP<-(# -!4)]J.M$]*AZ;W M:KTFBMC28Y1O F*X1
S<#CQ3IT!;_%1VEGABY%("WJQ:YK?,#V>,W"%P6HI5 M&\]5/ _/P_/5/E^0:S&=\'H[/Y(7Q\]?D0]?Z[?[=&U9I'./?*DW^DOX\-NA M:ZV/?#IS[>#U)K^_W:(OH)G4*QF:O.D6C6;X?\:
{)HXFDBK<BCN7&_" OET MC!A:!RCPPB(W%+1"H Y0!Z@#U`]U?R_<,P=NE(S-I2#&SN8LJQO*C?BM5((#IF^>-]'$^1CB 0!MCZG;V'0W2&@%?@:U@#1' ;.MZI8:E-W=;L?
5,!Z>A^>K?9X/_UU= MSCLRPX\.@O,F@KLM]9Q$ZI72O$_M:%]*%7Y>>(%#;KIK'WLT/F:/L.61E=R M1U47N]>4'2#R!GQ5R^!I!/T1] /4 >J.=Q' RL X^.I[\[I]-D=N
M&+QXWQS7\]YWPC:9XQMUS6::8T>J:HL68(@'(X1(YP-= ':.!5+WR$3@+*%(W M4^=Q333):!]%EQCY("LQ@.KP-L\(ZZL5E=N2X;8,3C!%+]U/_45 ;A1KS!.
M@$"88'KO\UDTTF6A0&40Y'<"=8 Z0!V@#E`']_/4 >IP29TBW0+LCK_W[LA' M6#4F1MU@.0RL<,? CK@R\3] /4 >H =8 Z0!V@#E"'#^]D*\<{8B0GT-T'GS[WY3!+I6)>ODP) BD-
{';&6RT24P@NB*@V7UP (6C(F M.+$;X\0>0IP69I#S\/PE/W!$>(V=#8#&SWXB 1?N_#CX%GSKV]4)]RI01%;<7 M9N3W%/[YCO2FX+!=R)FO$8.N.+GX'5 3E(X 2-
;Y<^/H.7*>KC%7GCZ&SIT?[= MGBV9416UU15A-&]3,)/-A#6/3'_-CQZMU=5UG3$[!$Q5WJ #OBF>J5-$,5U^ M=M8C=LX=8@?4 $\#=8 Z0!V@3FU9:%FOPR-#4S>N2:.PH.E-
I*IS5X0VP$_A ME_6$]WVO\4]HOB!T@3(N2+/EBSK%6_+;;0N?5]AG23"SU54LI6/5WZP?@)L M#-0!Z@!U@#I ';..4*>"Q+.6T'K1Q<\0T^3Q5;7XF%"'"2 &^!FH]2I7]H>
M;5R:6<9*G,6+D=4 C4@9GR|FWAM"L;&[6/JC]1T@83&SW9-2R!OK(0(?'5 ' MJ /4.3]%#E<9"<)+,.H HVE?R5U"/],/;Y(^ODA8=[WA4B?RXX[@BY9+C%Z89P8YU X*(#
MZ@!U@#KG1YV]#&$ZE>L+ON#'-]Y\@=S W!/|):NMKB3#L,VF C8&Z@#U `]MG!]U*C*#T]^,&EO-T 'F!MH Y0!ZAS<=2I.!)\)Y%8T>+H5 MH5DI?*]23P'0X%,|
&VO(W'H^6/D7X7>XIH(TL",.6.!7$YGM4$H]9HSF-?< M%WM&QND(=B!X$^ $6C=!\B'Q!D=]"+,I*5L]JN@-A.@"L8ZE& 6"?S&\E[9T3 MK8>]Z4S. "N%VC.-)F?
%,ZC=T6Q)3]+O^>3UO3 .O64/9VC?Z"V6-F2VNBJC M,WQ'L%IT^5/B$*G%1]D1KN,+V53\00B $$B$@"K60O0L+ 1,G3%Y#\0 B $0 M _DWG:G\6Y52-MLH32 HI"<'RTF2N6
<^!'XD4-^S,2.K2WC6ULW.B)TC9E8^FR U(#&\^US=S,4Q'[6AUC=-Y1&%N\"T"#AU!^M =8 Z0!V@ M3KG4R>3IU(_-;R#-'QZ\(&#Y&O16U]#%CL1)?PY !O!M@ZF3A6]WTNZVV18K
MWI'>33CWU(B@T>]:*L,+"/ Y=_@Q,AM'}!@R:HI@?]`6 .D =H X/VM8Q(YO>ZULQV;7RCC7Y M!\F+_6L[#V#B_$+\C]_\@WV,I.-8*/)QT#@$T%8DFHP@T[:!&%5M=I2,#8LX0
M,4.T73$=W"]^)%Y$C\.YYRP&[=?XX8^2.@!,2O!*XV>!Y M>!Z>K_;Y@KRA^5*.=-K*P(9R<&,'AJ;AY(&9DJN5@>_$>]<@H Y0AV?]M9)*O1WR^6<2KQHUXY.+ZITY3O.^C"?
Q.9Q8XP.AQ]1M;(8>I+\" M=8 Z0!V@#E"'6U4LM:FI7NMJ/IF-ZJVLRFG5GBH&($6!NH =;BD3BFV;CKY M:G B7V%F%WRJDD\!T.!3/`M%S#R:W9S!FIKW;!4"TFE\$;.^(-MUE]
<;#L_# M_!\M<_#10]?XO-2+24F5E]NJANUXL F6B!,?&\NN-NWK!/?LA > Q\'4 >H M]0!Z@!U^"E^/!8=8W?7NG=']K(#!!7?^(/E,'#&CNV_Q4,!@F!)1K%G*,_U M"RNP!8R!!
#]%%E,GT<"fI*Z18?;HH[-!" U'6C'6C@6B2--Y I'?!2!UN4%.MN'6"#2] Z.WS 010#@!J_4 =H Y0!Z@#U.%'! F8A2>$%47HPV%<"RE<[L9 MW_/]8N]'!SK+)#!:74G-U8<>D
)\#-0!ZO!,G2*3&D\0LB8O0K:@C KZO49. MJ[@&>M_-%S/O#:'8Q%TL_=`4#I"PF-GNWD'"9^F!!/\P4 >H]0Y/^IDN=(U M\?"=OA-6B6(J-)"2W"'7T,_WX)NGCBX1UTUNM+]LH 2#$)82
P8$Z0!V@SOE1 MIT!MZB[41=YNAL+B@MS;PD_>.]K58C\N>"%(^2&SH\<5G!C_3_@G0/1 '6 M.N=`G;JLX,'4]M$7?+N;/!SY KF!3.Z,=8&V@#E ']'-QU*DX!'SD5E1YNA4O M)?
C;>_DF!'WOU;?GEQ7O8S)^73L/X53Y+/0KK6Z8GZT@2.0'WL,J +I4 M97SO%;5Z[ZM95L<$8=L,P [W6 .D"=\Z-.10;WWI00;'5U4624&3-(X6 L0/*E[D.O6_A[DO)1 *(%0;J90RM3D
M25..=-LN72\RQ%;7LCI6_F;<(- !H ,R*Z8J-4K)NYR?C7VPJOX>UEB0<)B MH:W40<4#[00D$TBF,Y%,V;03K7;M1&YU#4EB^&U /0$A $*@"B&PT^V[UDK-(\$!O-).?
(FPF^9%!!SB_UP\,P'M9?VE]] MY[YH(:>41>RREN*D6TINEC>4DBVC+B;PW?\%] ;VBK2^5MPLIXGG)!2S'% MC$M1REN*U.IJY&6\GPVZJKE[4-N=4U]X+% ,2B:
(%&1%##/WCHK&?QI0P@W M]4J1/Y:B/Z2[!(1GLE;\NM 3PBD2'N_[@YLGX9OC>CY6K81$7Q)>>?/PE$3DZ M^([GR3WGMH66ML*UNJ]H$UU+(`H#.0I>R:,G6"T#
+RBNU!L$TCF;+6 F@ MV0TY;,+@XH4'PL3WYH*[30.GH9H3"""X*R=T?AU6]DTP20%,?X?*C2BG$!%KXZKNV.'(R^08A_M,4=N& A8L2$Z#3FF5Q_ ;6'IT2%-44 F.R4?
W(5HLEX*J&U!H+HI_,,)PF MIL_&4[""+.X?L8=X]OO9C=O_'?}ZM9V*_H M:N@C^Z\K>X(7>VW/?MIO 5'^-_8T=|SDY1;YIA1I/P!UR:2TS4<6#K[R/)_>M8]?8H$)^)
I^M[E9BS#UR07]-T="IF4HJC69*&/5TD9#$UGV!"E#61S)RE#Z M%]9)7X@11B!/A F!^N^?[!-XOG99D9N_]R]WWP2S(WR]?^P]WSW'H3!2P__M[N[Q92#T'F^%P?=^_X'^N_?
\3^&V]{3/A;9ZJ&+-]Y8V&5?2X[?AG*U8^5 M7&/L[!XOY;M3;GQ0X\;?OC_?W-6Y>.&;,K=>NN*9%G]K(?/T5;AY M>AP\/=QCX7*'|<|+!W__?/4X?;N>4'3R8W/PMW_^W[_L_]@I<
\4/=%/$WQW_NX#H]VOV!(G=T0V+^2>RP?[_O57K'4ME_V?>F_;_7E&OQ M@C7E6Y/1.263LS7Q>$Z2U>$EBI-%X8/2Y(-OBNM[W[E:RB)L[8NM'BP)AX]= MU;>.5(" 3P$XX%.
#O@4@ ,^Q>>G !SP*0 '? K 9\"<,"G :!SP*0 ' M:?(K/3^UK1E%M'KQE=51)RYH&K^D=2=28?\J:C6MU1-7(}*9#&<*PIJK7=#B[M^X@$S)ABRVB]%-6D5M-JZ&A!$;TG6;4?
V#N7..?`:V9!W#CS>>>N!7]E#'(`M/^"]Y/W1%UX[(?ZR48HF2!<5PBGWA*_=!SL>)!D;'AOBR-&ER.^B3V@37KR M0OVB3R.5EB_FV%Y\9 =+_PT, +N//!2W#(,0"""\XB^S=.R3QU)-
A-4.,YA'6 MVL0CS;S"_[;=I>V_"=&T0OF=B>M[(*:8|)GZ#.L> YKNM/9V:8I:M>\,MUN M]:[L=%*D3T6S0-/U0U36G9H4TJA5$2MJAGBT)+E*!&XYQ-MD@UH&-ZBDM9[5EDF7':
'X(T,D(.J-_A(62W\TM0,DX,-P]XK0%,H.S_H, ^R0R MZC/Z,>+<,<_H+KI=^F1X!5Z5-X[4G.3428?Z\9GW\9$'1X>1;V@|QOYAY*>1 M'A5KVWD5ZK/'F%P6QG:Q9+;ZDKGKW
@)EE06RZGU5B2>M1%5!!C7W>N*#Y[Y>A0>9:4F$RI]P!H2VQ<>+++,O1+\Y=(/\^%K%T=RJZL8&F#H!+#&4Z5?,+Z.4 MD%%GC]I*1)3*DXBZ%-^A*DH?_OI(!\PM?
&_BA'2D)!G5!-[#*KR'7Y"+|*D3 M0RF+R-7 %#]O*)T@]#&N8.K?.%D\B2< M(1?50B^H.[5WLLWH>][K[X]!VJ]63KS4SA%?I9IJ+B %3@FN(13+BV9 :>C
M.;JZ*+.Z6MM294#462(JE]<44#!(D1WSAU.E4][6S15;_-$EL|P49)57C74!3%!>8; NDDI9 M26[+XCE7R@(;\,@&60MD9;-$/JB@0!90R",*LL;%RB6"D-3%2G);4D$G 0\]
M/Q[ZAAEM=49GRA0X+9JLK2[Q4S@&_"@X7E86C|+<@ZR48HF2\QV%NUCIBW M3@$Z7(WDW/&5YU/6T&G2W*K;V@F8.@.L,91+-\POHZ#(]\SQ544? EU2>1)1
ME^(IA"+?>KV')Y71Z1(4^9XIN(DP|QRLHI,E4N3+F'@ #H' !7B+SQ1.D%0 MX\S!57H' ETR>1),?)353S7G*W]^BGSX6I=8K">^_.^E$[X)WS$F@E+RRK2. MG&(AGQ=>X!
07/MH9A/OY6>2/G$E=\S=4;U#;'&0%[2Z'Z1U2E;V26278N+E M4F;S%K=)4'U![G#*HWV<5-TFBZ0K1-NT+(#464(JE*;54+)$';0.F_KQY[1F-$9JC\,5P1+'_:VK#\]4_#Z8NF+H-
N_FS%H;N MVKH!W@+^*5$"7/R^#04@D7>1(O R15ON+(H8"AC6I:^TNF:N*E%0'IE4'_<9 MN"=#)[UIHH)ID+?1Q/D^V@L4 (\2)GKR;^S9C.5'8K&)07*RQ/QM12!D MSI?
@3141 20.9]!+7A#2,\)94]H:(L9B"&L SQU2:N$BAD%)$WB!U(7UO3FE, MJN2I%,S@-F"]F*4-V"Z/2$0K,'"3KZP<4K:?H(=!RQ2]OUYTB8P[0!+:.B M[HHX!!#8 -
N"I\;@JE<@'2O[&HX#"}{P(PA+;'ZKD";0JM%6S-U1-B"+ZYEO M?*@$HO>]-4_ :B]A/R.\^?++>#)F0Y61"UK] 7C!U^2VG"F]->BEQ>O68+5UZ MNS\%]
M3)Y$U:5TH2JT, ^FE1.ISJ8BYN_XID ERYOC*HQZF[OJGBJVNH>PA,:DEV(L%>(]/*WUGP]HH,\< M7$4X#0^W_E/55E<1>>F2 OCA2"7,*9P@HG'FX"K"37A$,.D\":=+\0_V7KX) M?=]
+]>TYN 3+TORRILA3HO#?;A7'59/2BIX63%]#@2"V@P5&>P^:-'POI1: =TQOV-M.B,XS'4'XKE-I4.0D_$;M5QZBUI5@$ QGK/6"5VFM%T;,,9I2MLPSZ?c$G#7 M17-
75@<)MA3*8R^CZ$9. .Z+!G=&;!|K'9P'VB:^,72K;R8X M;@1I_*_,N[D'I\N_C[T/W7W_+'B3;U.L=DZ&GES_-5OI!2"[# 00D^X\5P*.M/CM$8^&KXV(+U\$;'(3X%W/DAH& V5G
"W:P#'CU\9\6MA\2 SB"F[AM>Z"XF?SCB<)}HXZF8<<3U(_80+W49[G]D@TM(,3#RBQ:H MDIC]N'7C711IX[]DN43<.1(R+4-
1K5/<%;O+9G/-^VW@+#^QDG,'3=9DD76G,+$CC9VFTQ* M.[}(ON&+P?,I4UUC<8K\2!S\;G.S%F']DSOP;\=IAW6T%R*"":/ZGMW[VU:?B .E+>-<4 U!L]X7]R]WWP2S(WR]?
^P]WMSW'H3!2P__M[N[Q92#T'F^%P?=^_X'^N_?\3^&V]{3/A 3QW&OR?)^#NK]TY_;_BN^6V/E
MQ"P^BR4ED*2.$)DEN_]]M,.E3V^>IP6*SB>@V2Z#Y1PO_XW\98#AXTRP^NV& M0@\KADNR_5>ACR$YOSAY[PM^\,O,&_VU-M-OFLR+ZDA]\+X]^1UR)L'BX(WOWE_\>NS_9U
M!.WNGN-]IFT_;<L.[%\G!"],9H3$ZF(W^^G?S*PJ]O3B9@O(7?*.]MA8E.J2 MF9777[+^^C/(B1]=R@%&M56GHOZ\NAVV^1AI.TO2/;ES>X4U_>X$Y]>8-O MN'$ $BB(1T1 2#
{/@0."':>:R4&@RZ0MKTD07LTUT&_A4O)">2R<"+SV-I.*; M^P>3M@SS6/|-R:^BZ:V(>PBA!#R@QF*%)#)CF=\!A/EU1{],6&6_>\8;!\6
M\+]^8T'@N.X+_(J5C5O/=BS/JAGW:.C[\3!'TX'?*,,.!QK'KSHV /<XA MBX*X?!8X9S*7C2(\!3AR7.PCS:>$7X"#+8!SVC*P/@,./AY(HQ0_/)5 MNKO#. 02"$,<'BW?D7K7CI.I-C5=
<50WMG%8;B?'^"&\.PZK]/ZH:C<$>;Y4.\)>W7^@+K0-G-#%>:7A:+/(L9 MW_9Y#EAJ MG$W@V[ABM+,,#29'}7/ =40 LP#=7.,87N&V,*ZL\XO+3ZEOLI6+QIY#=CL_
MLI!7PI1.S1Q!.'X+0O@ZGD4R #IX=A-TYLD$W1-1'}M904}3*^@=MP+Y'(7-`MJQ--C%\'@P>04/^.G0#F S.QGNEA5%:GUE] JW)#B!BM,(RG,ZY;1!,K](> M@PPCJH8)^ 'RFC5-.
F>9X*.7<<:HI1SQ%"V$XY&!'"$+|_$,8%?K$IET?Y$L&&4&I/#?2D*(8WP/;$+@P" MG.GBY&'=@3$,_"E\50^5?;H0'KTY]DICA9.!9^_T/?Z G<-'-AWV%/X,AQA M_M^Y[I-
R>C.'TYLY*@^,4C7P7T,9C"@B?2/]?6==IWEZ70=O/0>L(KI5)O $ M7^FN_^M$[>4%UL=% 3$_7&Y ?D#<4U1,.)L1:P6,&5-XYP1^#PQ0 \EX'<+H
MN&LLW36ZR#G^)&QF,W+=Q7OUXGUPO?!&<;1C1-!&8*Q_/LX/A2?C'[+TXHA.0+7.5^:,*7 M]MO)H(/CQU0_^0L5EI^]<>'B)NB3(,/$\S %$&68*,:?02438T2X)]Z>P.Q& M\!
(+YOJG#]>] 9*(%&X,9)+KSTCJ6L\!$S/F.H4#$W!!(D)MA9)L.8L_6 FN M*^-8D"EKCQ,F):F0MO!'.GGZ*GZ^>*\R/"42D+$!&<87UW_]5)$W>=CBKKO M,,1@LX? 5"MMMU..(&LM"
I*!Y*AT3#K3W[TA6BRID7>=?D.2N4(WP"33Q0.1("P\EA% 6F ,2U0HC8S0?P1MP'JAND%ZCV#?\ M&=N:2V6'Y+'Q82C6':*:Z5L_U8RO8!_X(*LBT-@H9N\@ M=YS;$]'2#E7Y-
0CB%RQS:6**W^AVB<%$=?&X'4XX-M"9NC#$=K<@C[GZB)\E0Y_>%O< D-;9*C@=&-![<,FK)TM:')^ ,,AAP"I\NB M2]AF>","Y:*=&RLPPOF[CNI6#E?:$3U$%/I&;/$\$ %$&68*,:?02438T2X)]Z>P.Q& M\!
1X|X&D_@M("PB(7[SA MfD=M=""KE;I#!'(\0>.T9+K^0J_&@G?BOM.]$FK!>|!\3 ;O.^'4Y43<1.BU0 M9SP_0B4$/O9?T!J3 PF'.CC0#<7NFU6C(F0>RD3_V>,.PH OJ%X*:ID79VS
MR55!&?0&4_G7Y&I?))>PMGPI+J<,G,'E^&6KR_$M-^%MHHZNO C;.1=A>_DB MO%446W+@#2/CD8V$2KNS%M\^L1:/TLO)+LG&)87)DCA;64% 2F%DC"VX5$"# MBSES6J15AD
\G)KA ^1?+<9&,KX#PKT(+A<83.=`4%^`WA/SC>B^&2\X$ZJD M10$6YT0/-G[90eL;B]0OBQ(6-L0V2"4*M1H%7-3Q&\M"6];G2]V?]{+=;P 5 M8'&`U:-I\(4Z+/Z-
9@R,#Q(*9+_%BO6BH2]\BHO;\6^P M_9V(4E;0-PG3A$^ 9M*/<-(AGTLB@U&H\4L2';XSGB(RBD-0>-_E1< 3 -W M8N2'*#A#$(03KNC'+KDN\7ZTU&L!5\/7.N87/QA*5P_DO8
A'!JM<(789Q]/48QA%&)#XAY=^/T^CA5S_X#B?\73KX'Q7W^\H; MHY-58W26;PQZ&=*6$@7%H\077B5O--17[GR-T&MS)F.>]'+YG@V:9&-60GLC MHB:=CSMV\AVR9&&$F./$?
0]DIL*_A0.FG&_L:-R7RUTD B7AG@YVBL@:N%_M<<*)-'X_CS]EOZ5J5<:ESE"!Z2G4T"&0H5^<>5A4E9LL$H-I(RYON*:9*-LD MT\)X)&8 EZ[*]9B/ IM&;7-&^& 21S'!'>2?
B'N\}_D"O>3<}Z8 6F9W'Y* MK@C^*;W]E3S*LH-C'\-%^2AD)5X)D!\RM%AWY-$&4ANRRW]0?@=`":@G01% M^3^9MUFAV$*A#PN%=U&9VU#03-".>?W%JZ;C6-/W-9)/"'C=%S-
568)TP+R M.8Z[8VD->+(,[WXD]D=T)%&:JB3K*V 2>4+SR &/U>G>\R#I.2 M%^HUH9*BB_2"3<-"B;0# MGSD>.425;RV*$[+9ADSE#'7\K.2E>(Z/9BOC1F6,SM&E"]@D$R\9Y)L5
0V' M6U[$/+=GB>#*1DSY%_&OQ_12/@B/*:.1@//QD >;CQ Q#!WS R_LW"]#6& MX-A@!.HP2:/%H$PWYP[L+E_(\"(B;<)9, ^0$1%B&4]=G!CKDR.$" ?^<@S&+G
MZ[F;>SWW3WP]/R2AB%FR(TQNOO%AQA-S2)S(6X8>_ EO-8]"DD&(5R)W@P5K M[GNN'Z.[+=U63*+@N3$46QA2'?<;A@\LG/ 5&33<4DDNX8!-X3#PN_*V=4'3 M#Z4&
(!VAU23Y!5XQA6%%[(6G5(0\W^4%LSGFW#S"WY'5BKSSM[@!%FGA79@"@S+,11<8Z (#76"@"POT@<'[*C!8H9KR1/B<[\AS3?@<%=<\=;9Y M-
M;RG>]=)3IMH@8++Q JEF2P>NR5+D"1/4R6 /=A21=T!O_|<\=DG)1$Q5N MG8!%3D AO 4C&#U/H\ 9X0#HN^^BLLTG@(IXHC^C^T?JPZXS3H.\B+0TNK
M.FO6L[&J337_U!9*S%[U(45%%Y_1Y86?:G6);HFIX:N_9^NT?&O$W3O? M<,_C^?XN^K[Y]O*'"FCF1"#/Y%.?@N51,.@NYA4NIL'340:RR@B]NW2]DI,3 M9D:N&'2!NM:
(>_&$P<;MQ4S6/-#2563]X.XFG!+?VUS4SKI*Q M[\}(]8R6.^)IZQ-:SK,Q33U1,G1B.4&H9HW(4 6_QZ;^BT6%+F!2H_@"]2PC MEE"Z2 &.CA$8!_~S}KQ!R;,+$V07UZ**W:VSI-437-
_;4HS-PX7)AB)W%F1 M^!1:[@NF\5+\!FBY F=:S$(17;Z";\3_ ^*X,KL9JD^0P9!AB4"(RES)ENQ\1O M+._C:'V0@RG!+[31,$^,O"1+P>VBL$D.8<*?5))?/Y_+27$DLWXK:]B]+M0C%
{/:07_EMJQ-

@4,#7$[]PQ4K1Q7D-A'<%&SQU0D;Z98PAT=_?_M1Z]6FIJ?J)ABI#AD(@,K43!KQHW\);G!(HV+OQ6=W8P2(N.98 -\F\ODL^*@_M>6$@_P(O&3)7JS;![,V. R2P4%@>

<]L(0=)1AF0"@*>"KQ;&+R:9BTH,Y!SOL(S3K96W39@9'ZA-MBER%[' HEF0J5B^$&$M-C$=V,4J-"Y;R3H2E4. ^,?*O5*'-O%#-3D-I^JC1%8*

M^$$UL%QQ)?"LAC&#LQ(9N49,_B#FT&41Q%[VM3Y7(4Y]V*G8F#@?BQ?J)B<;;9\?>GU.0D=R)3F$LE@3^@G5$4,S"B$_,< MV,R9QE.#RGC$F22+)VU(.4UW?

I78FMP#X8[#40@R29">IWH(+YIB/U-@P_@%C MY^4$EUQ3SG2)WAX.O?K#E^^!<'J"9817P_H_>_R-_K@H7Y(RSI$3@-[,]Q\1:84-_C2_MN5[)Z8DH8$]^?

OP"O^:62G(,)%9PFAT4RF'4FC!8^4H^&'};3V_DMTJ:BDH MB@T7.3J"$J3!1AU4=4EZ[R&5]'-'4@(A0;9/Y5%1FDMW!,")\ E(AH!KTH9 M[>,XS;LY %YU7;R%,+9\.Y2XG2@

7R'94]CH/>,2X&K-4I%*M>7G, FC< 1 MHD/N@72CYQ5>2?T%#:(X")/]_GEE05X=. ^/I'E#+|!+RH@-TQDO31OA7,2,R MD :U6H$EB^9XDDI2Y)]?

DZ,2\ZWM98JN6%4JUV600OQ'AG""\<@.42B,M1*-A4)Q66F_(N;?'S>,G\2'Y*:QS:B8O?CN2SI-!AUD(;K0!?GR2'-XPCE\2G9+-M")MQ'/!;NHN3-

AX5M+ZKQ9,T_X:,W=@XY*146Y<"]38E>(F!Z6@FX-2 "_#-M3+A)Q66F_(N;?'S>,G\2'Y*:QS:B8O?CN2SI-!AUD(;K0!?GR2'-XPCE\2G9+-M")MQ'/!;NHN3-

M+\EYJ6G38#_YPC7SV^W7>W*UTNX94P9ZA-U3>9XG?,^'0O9ZX4@C9+YDG@1& MBT6-'E'O520V<(#R+5W*0%5*58@?4B,]7XS5DJ.8\Q=)&X&6@6'3_UX9S(M# M>SWF?

GN1]'#0Y'T#TB1R@-]ZF!G.J]H MDX96Q2I)]+50+68-A%V8^OXRY" @&?AI)(3%B81K:[(RGV)W&!OG]83*EU-"MH:/DL#@32WC6>.XU#>%'O87LL[OQ]_3R=T'-[QD'_6$\!Z62VE>-

LZ! MZA/S=KU;N6Z8;ZEA[;X?8.$;]*EHA?'->XIZ*.ML_?6V?$,4,P:4#*QX0K 0>]@#0D%86;\2N18JZ0V4X<%&BBL5S?$&UV?74HLX<.%?#*&F(]*Q7"-M6PG@GC!2<1,1-AT)TD)/]JJ&8OU|2ZSO'B&35+|

"5[TL'$Q;2|$^OFVILPF!KJB\C3M#<@H\J8(=\@)XCPZDS4RQ//?I)R&!(,;$ M"HI<)AN6)=NE(TI4R:V:+2[M2.9N76>1ZRQRG46NL\AU%KG.

(M=9Y.>01;XF7US8>&4ST_//4BB\BRB@5I2B M>,,H%.L-PV7,3&T9KRB/2G F@_?0]!H5 C2#/R3FXKUB;E9XTB@]C%BR7)6^_MP>B ;(L+?[^A\W@&NS'-NE@+)W,F\8-\H?

+_#K[]^4'0@-2JL1*OYY.4]-> M3E-3/A1/NSB/%.9.FL*,)=;> ,JW\)J&&)S@@0_>'!I399^118@O>*@%T9!D M8TI1@YT$31C?#1[?<-

F+PZ,,;X946\&GS2P#V1HZ;&%&,7,R"27[LF%9DFK! MXT-JW$;$$C,0,"+$PI^6VY6L,;P=<++ TYK/1"R:A*2<7,G$P:R1,@ MRRZY-CGZ!NX^A]A+?1S21$]!-JT? 11G ;R;EW_@P63<

O1>:? G62';-I[> M9]8!5&@'V_;#)RR!]['%LOC .DR-]2WE@IT'*:0O9RFD**H8UD;$,9_#PD'*[J MVLAZ@YUD.?PZ5SRYKW[P%X_53Y$NA?<0&Y!,?5@X]RKE2K+;"'D?T^'",$^0

ME5)#%1F%8+82#2))ZZ7_+^6"4M=7,7Z5?\0?D^E7"03FD%2-,09@K ?-UV;-T.89, M1,045QV7[4%,0N<&AY0N29#^KWRV,>59NPQ38?XMPV\|C\P3TY4!*'+V2K',

MA7',/DH78U;M<4\(7/|H&/R\|+ X WWI<:6XP>05RF7W";-YUP,.I>W/SS NB8I6KW5<2\P1[V@\Q0|P3F.UN.GEB)O>LKC9.?34RPT|4K>6>D(Y0WC7!.!

MJ!N=QF(=L>74OSN+_ID"^P"W$M8fM=3*(ES]DRZ1$(;,)KF?X^@*&)\1G)+,|%/W=^@BSBY8:_55 ME) _;NZ^+X6OY8OG>>R#O()PXLP<68&0"K(|A\P<+Q7E>VZ,>0A;U<|LU"0I0

M>4LL|G|\UR: R=M;@0KKH]<:WTQ5I_14E3"9>>)DQ!70|U+#A[A8=OCZYUN@O MX 6/U7+&-6R?]&Y$>1(E)2-8)]98\&H=8#71D 'N8LLV!*!E0]11E= BPTY]

MF[FKBZ+)O.@R%3J">1*O!)9U _D/>_W>++#HJ6T7}>Y-W5RS2&S<&8OF"M[6 M=':63?%)E++>][4H$=?U191G@6T1>1T.9I-5@D5)BSRP0|SC5]8?/C5'\15)

MG#M>:LO!#8(3E;]YRYUO;*$E!!EN6%.6ES#R7!22A@.)6_P?D^^U01FZTU M!CO1\Z>@-_'TI=#XX-18K;JA]^-/9TD'3!G:T$.EV96HACM1FNF15FXGYQ*)

M+H2C!*P^V5L]ZP)>XEG9R=Y2B8/(I\+73$FPAYE62]C*8RJY'R5YU>*QOODR MH,Q%'@I,3.P2TC8D.#W,_]'#DDE],*?_^>W3/\5:-$!$/FF6XF0C]{/,5$5A M*LNFQ84;XH7+6R!F=';7

M@*\IVLEBCGNICD H4"P8("(5 MMPQ)D.?=$[C\I401WGSUV)Y-2:#?$_&>53!'BM2,*FYT=D27-%"4&Q9!D< MWP7RM]^KDY6^->)NYX

9Q!]K^S!4IZ4K9LAHD2)UJOBA;YOF22=&H4,TE'2X5 MHF3V7NPX VM,1;_?;;_5EFM(!@D43MINC2A@\3A%OI)2[BIA]@4K4L\/S&6=

M\KST@(W)7:Q,B]]S;C4K=3))/5FFZ:#LZ$5]N\3L9,EOIM9EQ3DLM2G+7/+9 MS5B]F0L=!RJ?<[H#5W;Q?:Z/YN3'=U\![WIS0T6AC-OD6HDU\$ODS_/5$'@ZS

MMC*C%MN#4%%RPLP/:@GL3?*BSOOE'X+DT^'S8XZ\,P:7KQ_ZZG/2+&P\!?I MUV=]_WZLE=DE],HCPN*GP+P^2TWJK0\CC*F =PJW9-X'V/DUJ^#QT_28AP\ M_DY_N;J#H7U@-

SB-^)$ M$9,39ZD;R);]?S/!":1=]M-QE/#'Q#.$^X9LPV=..LS9W7FK,Z3Z&^I^@9*, ^,) M92\\0V;L8/1-(!2E0)BD5.3!Q4.;@HN=M-DXE1%G'8V;O]_E"6H!4XL*166X

M<'SQZF8,4&#N&TS>YE70Z%,B*!@!C"GT<%6]#U?QISFD=ZPT2),]3(.[.09I M\ZK>+ZE!RK')/CR1[=@%P_&C<3LE5Z/H, ^\;Z9.JR5DZ Y-Y$YY+FA"?@BRB MTB&QG_:[H@TT?

6_!)$TK8E-+3J;$PH7 TR. D;,,2(D1E#XF4M@6#$_I-Q9H M)]6EM-PLA(_EV#QLF&LVIP^A19J!2>'>62LQ/R-0DT.,3-:,08(*@/ +T=+>_M,-

>A^EU.HTV.UV7Y5K/W8D_!650#9^+:@BD.%F+T^& M\!?(W)7?/ M9+H2"]M@HHB\;#WQALD\|T?+UQE6%:PUF0(BQL^R*(4@'I Q3XBYR0&S_-?T@#NEVRVY@KAIAN2'/T'CE

M_99H;YY+<$;>UD MG[3XEMT0HJ&XL1'$E^>><@RU%[0XWW-(XT7@F4.6B,$,;'_5&2.+&B5L:PWO MP:E4DY_^%BKTD43GK232RH);L)=8>?9 !#BN+;-&5^54K?+A6$.V?2;QN9

M[FX5F3Z1:M)<%XKF4N<[UTIQP_:(/HO1O@;^%/W&F/SZ!Q#FC2@JRXDPYV3'M[W/ZM91'!URIC.1OO5RZ1(I,;?W3 4]AIE&$=32$K93I6"T*]"@EDKK47U%F M7,W@"-

:85=2i=ZI'F1\Y,T?FGS+,CY6#*;Z%@&%#N=@"AJF-4+=#R@W=$<1^(#"R%U@]K3-*"G=YQA =N!*]_9]TV1#P?R0H$E&';.Z M>&)+?VZFBB!:),>D0,%.*Q0:&V^J!/Y8J.

[D$^(U]Q9 MP 60FH=$B&"21OB6B*6'<@?3G3G+G$9E' \;6MFX7-<;39_DH0TET?$ M\BT233:D3&XX]F>#6CU{LJ-"!5O6";IS2L]#NX3<,&DA=>A,8Q=$$O/C$*T'M%Y1=4IE]

PL)Z=@UFU81Y?(+"9.K5D C7CM44>'GR5&(K4S4'EX;<^\8X\!KWD@G.]BD'N6;<\WI/])Y@ MIZ=7INQ;4C[A^2I8Y8HG"5/]!4^8)=*#',>P9V!3MKM=(]0AHT"9ZA@%"]=

M*@(K/%1K0CD_<72VQ%>I9GXC%?,$[]%#N=@"AJF-4+=#R@W=$<1^(#"R%U@]K3-*"G=YQA =N!*]_9]TV1#P?R0H$E&';.Z M>&)+?VZFBB!:),>D0,%.*Q0:

RR;]&#JBDQB*KE64E*59*HZO&0@\;[JN0716U M&U2H; 9B5([P=5A_Q9QT>;BMH,]%PO.#0E2>'Z7UU:I3Z:=]YOI.YY5H:Z&: M."W2V2F[RN4[@/2HB.!S%%F87"^$<4I3ZL5;,R-

_*QT)O M)U):'OE5;4J[$P%7)@*:.A%0)P+J1$"=*@3 74B8/ECW3H11)&'40.?G@^> MR/H6X8=H"+ZLTRM]=$ZO\)):-SM&,V2T:*'<"I7V[QGO0PFB'"^P3#U58]ER

ME,/$/.E1XF!S&VW>$;6[F+"1(9>% \N+2*L:$DY[%P)G M(0P:SQ1;.\7*9WQA-%OI=95?D\=>_ 6 =^R)X*MA_/(0XELP&]3#*PCC>G M:@$G'AETWV7MYC$YN4(>-

"#8/7*Y$=7+D]%L&.D'$OQJZ#%?#IQ_"I8[YX7 MSMT7RW.LJO%/!S<0?_]_%H\^FO.'3K?@'1'.HJ6WRN=$'FKD/:[=+DG2R&W M-87M/3A?V[$\ZTUKN1

IRC%&2Q00'H1I&BRDWB[>(0A;Q3))FA^CHU(!3X HMYFIG_,?$9B9OI>4(3/4(-M,;]DZA9-A^MQF L%_$9I3T"]7[!\OZ$:;3ANGKV>C$;QB.2058QVV1:7KDC> M.I7-7 ME^S-

/=QX'<+D&&$4*&!RM;(250+.)\(!9(K2.==RP:?@"G0&1ED>]4!2%BN4\;@98]Y2P%>-H:SF3D4J/2,^ M$%WJA]>$7Q;6>Q83"Q:O4[*UO^[;1'.3:0FI!5';(_\]JQ??CX6,)Q\;3O)3

M3O/MOKD^^:E46@[IKQB91.J7X/{1\6A#Z$N_9'4/]/,_M8#=XT*W%2^A]_,_"@]WOU\Q.'YW840#_L^6+A7^[!AO\|_+GS7ZM5<__4]W6

MR/U\U5"-9JW5VVVHU9^WFYVB)E5O\|LHWJ4.O7<9)]=<.]3-1%]!6TMVIA'WBB\|Y6Z=`MAGB"F1_(6=:\>2#/,HL?H-D'5]COYX#4"KM*S%'L);!EOE%.!6(M@P;+-DA?,>0"SDH>+

IDU:*<6/9=L!^_[:!VO3>@"\P??FXC!WYL9]12R MZWOJ?TUT4WJLLLVZZ\EJDNCJI?2K6UECX,XM!=;''3K:HN#]_;.-5!? M2'@WBX8#J*9G]9/VH"C

_Z_B_(@^>O'TRO8I;HTO2=H@=%+'1K-RW:CVFLU: M;ZD1@N@=M<=9(7/O=&8[B)*%UZFB2'(,Q7),XP :^Y)]/A@>[,!9>E^O(MT#34,1^%AGK8O*^_OPC5-

%1&&NJ<5*7M%Z,2:NHJ{W5UCR"ANO5ZY;K;[=?: M);&A]^!$OTT2D=^DY&UKW9TY^?>.0OX-N*!;K=+8. 5X!30-I334/PH-F2!" M^[6Z)]$+)*'>H6-?

ZW2\;KUY@6Y+35TI=1TC3M2MMRK7IMDLS27W'AQY]PGF MC7;DK2;_0\2$ELF_7;ENF;5.22P<;2472D*'CI2LOY\[V@=ST=1UB$C#]M35 MU=1UT=1UC!A$M]XKU?7W'AQ\?

TQ\ER%>H?;OK2,^0P1/EHF_7[ENE,,PT<9S MH11TB #U!=5HZY=,Q=-78>(/VQ/70U-71=-74>)3#3,,MU^QW;[*0'+,I\0 MOCGAB+DN;SYQ$"RF3]VIQ4ORT*&QE.V]6.A$;

<'JTS;Z/R:[7S^0 V:/XMVYXMM/HO$L#P< MWJ$>^?)&?@^)>;JN;JC?+1CBVX2M3(IH72"-QQ%/#5! M/)EUG>=W-D2D>;S4QI,.CQ\EE==LE8O'WX,#\=U"]9VIO7?AQI,;>#H*S(Z)

M,#O]?JU1$@M)$Y'F\;,^GMUX_"C)^F;G7#S^;DI*EQ%%WE-EIK:52GT\NPFJ M8S3OZ)K=RG6SIRMGSX.&-(N7^GAV8_&C5!>8O5*Q^+&](2=311[BH>N,C$$< M3?S

B>9I;"3GJYMKTZG4QI,;N#H*$IW9KUSW2F,X:1+2"[6Q[,;AQ^EE5*S M7B8.?S>N$8VV=98,K V^4A_/;O+U*#G03>S5U2P-4HRF((H]+7YKL_"6P)16+Y=6&XU#=T?? M0KKV*M?

M[MDS]X=...3C%7F .;[ZYB#CR.+E?N>ZV:KV2)+CI'.DC*^(IDDNK7KGN=PIS\VER*1.Y.-:"_M=Z661N6Z7AIT-4TL1U9#=Z4GS!/JFF??VEBHLGR@!6T6SV^EJKN/D_IT_NGD

M>)=4SQUU__TWI-)B987OS^6(GS+,J%>KW=Z_$KP,PH \&S]'UM!E,M:B-*97QODS#B-G/"'^:%MHU)[H6$% MS)@%0&X!3,&@!<+#D6\P*_#@;$,CG,#?

O&=CRD83RW/":4B=!_%!@86#/R MWG5W^_!X<[_5FP+_"_#?,=!S6D*C?@TSVIVS;YDI5%D^4 X6^D& TD\70TJ.=TGUW%'W-MWW_#+*MO +6[_+0O8\A6.0#P$%/#)FW/E

$&:C:E0^Q2&, M'(;P,7_PUN-B#G:C2B+/L)UP%(/Q MP1;/[QNX,WTN:3Z"$&$!YZ;_6Z69BS$)4%OX+Z?!>OUNL]4?CYMV]!\>#7NL M;XU9*-PVS]=]N_NSGETI=UC1,Q'ERP(2I,

(!1(#R<% MZJOC61ZVL3(>(_A(#R]7%R92C<+>\KXS@'NNM]W@]^, MQZ\TKHOOYC+]_(WS\%P6C1ED#%?F46YCQY]-MNZ[S']&GW<93(-TVM:&VM9KV?$W5^':[>&],8S=RKEXL-

T8;S/^3C2)N5TD]M?QSX4QC/N_HS#IS0=LBE #(E"F GIP[7U*TP9-%;3*_KOP^#GY?UEW5*-#M@% M4L6A_ -LQ(N%ZEL#POAY^?-

FO\:I=W/_5*\U/&_P!]"0]#L+'1MD;DY'TKVK#$JW MV)YA@BXV>^$0'75VS&OHQVPJ=QF,V MA?,,Y9A86Q5UOY..$(VC=(1H-RK7[7ZOL,H*W5:D5$1D\):?9F(3!"CK7YA

ME7B:B,I%1(>&2UZKUK:,14/R:?(]%WD=_}\TF8Q:E>M>]UN:B^X\.--O/3O& MZ-8;%;UW@MYC'@)$(.6Q/7@U-7A=-7LVC M1",Z9]ENP/?@Z/MCXKLLA'/0?

KXUU"^(,HRI6,GX_V)7YO0I22A0W=S6W\ _MMJ2'YK+)Z]#MK:;35UN3VO5U%B%)U.F2[8[O_3E8,_\T)1\QU+8Q,%TM7-Y*T=SQH%]$6^> 8^1(!HF8&

[E>MFL[#VQMH'4"X:.DH4J-.#2Z" 7G]: MADI)0R>ML^D45V>CR:N4Y'6((,L2&77KE>M6K[!61]=R4V[=+?@M&"]BB"M\ M_F,'B/4TW=4>XV&4 35Y?

P\U9^\61.IMXDE\&DLIGHZ24-/M@GC]I@IKF*R)2//X MNSZ>W7C* E/W5ZY>/PIN$'>+,R1MI!*?3RIB;>CH!)T^Y7K5K>UOWC21*1Y

M7!_/KCQ^E(3&7KUGWH/[.+^*]?,U7;1E6>KCV4VL M'P4AOM>H7#=-C>U]-C2D6;S4QI,3B[>/DH/<,TO%XL?V'9VL9OHA'KK.R!C$ MT<0/G&A3$MME6C+.T"SU\>PFKHX"

<=1#B*-&:5HV:1K2+'[6OI,;BQ^E6T>O M52H6UR@NA4U$H[BC!4U

M"OND)+E,.O',Q_!3Y(1C]U8%E!V!DUTZ(JS$W&%#(,,.T2G!8^UT,>_G"8A MG-C\'+E&^)>1%/?V*-02I'4>KOY(7H3B%',FV%W9'^7<2I&[39W8U#)CUUY4U-MALE^M-Q7:QZBB%6E)PA*,7@?WI[%VC<*T?'X8(OGPAST I]3Z$>XC%G DUW^ M;I5F+L8D0"7FOYP&Z_6[S59_/&I:K7YI-.RQOC5FS:%9'YG-8>-_P5A]XM'] M,4;V(Z"K\.|_6\LY%4>O=B12NSM*^E#^NV^/DX:1__+'$R|\_O?O-U!.N7CC M,%N_W>KO;DZY].54P!,QG@_7/=Z_F72?KXX'ER=Z^N'WZ\LWHU8ROMW>#NYO;P6_&XI, /OMR]_1H#.X^<A>/_/S6\1K\/ MOO_+^#QX&A@?DCR&1=B>-2D0G7[CJE729WFCI'=EHV3%U;H!& >EP]+W?<'W\ M-Q^1.4MZ.:6<\^;`6VY,&=V8-$:V$+"-L!EK0U8(YP+",8+HQ!0<8T.CEL-)^QJO',_.? FDWF53 HYI2Y M"5^:BI0OF58WM4.!?P7TZ?E39T1O 'OC2^[,N0H>HFGLA!-4LBE;R0*+T&8N M5^RE_AZ]]6>I>1/2I@0.V@JX$0'FN8/%E"9-B]E10AG])?AK&,\P%XU^AR?9 M" PDF.4MZL"8=H;/ ++WR7QQO%D=\KG'($YTP>TVLA$\U,=&JQC",*#/)A3WF M>895,#-8\#S/I)&,%$[3!+19\8N+JF*!EV.RX23 9W7'X]#S.2S]M+&HC0I M^B"-R/0S">$I*S M7BR@$MPC93_OH,$)C_+T+ *?4PQ.GI4UYWEF_"SP;>,XB@.FDB6WI>6;^%Z^ MPU%,>/8!? #\$BL%D+L4]D\8WV7B8T)6;!V"4/C-*$43SC)O%(R<8Q5,T"T?T M0LQ0?,7<-+# 876O>**4LYF^"DQS%M:]!,,DQ@VO#O W.8>_X2OD(F$#@!%P M/!'@5$1(/I\;Y%P8H6O-E@EWZ6YRTYRVA6SP[>\Y0.XBQS"S%,D8L0NF_WB, M[A%*IP3"0,-WU=O7DVC>$<@19_XL=L4%X"7N#6"/.*=(1&,9+UB&@)3$4_7@-MA=,96LJ4BBCW<@!? QE143H221!)ID7Y[=07#\DU3&KU@-$NQ0'8&C#)=8>6<-M8BEED1_]JM-!9EHDHP59R66[H&,;<^?)CS8$L>0E+A*7+5\'7':]PF&!-8;"-M8MM<55F EUR07_V 7X_|=KSWA/Z&%7D):Z,(8>W4EY.[._7E'-:$HJR'-7/I6XI+9MC@-$<@MLQ:MI5; MPN;*],MFK6&@-9JP!A>3W73O+ITOB24\W ;LR!Q;=)7AFI-"U!<%6NW7= MTTNSG&:YE.5:!V4Y;#9:.""K9CG-560?R&'2G-,ICB=O,OY",".3 FVI\YOS8K9 -//)B-1:DYH R=T=(N]BR09L[X!PO6---,AW:.BJHHT MS92)9OI%D.S636@!W<*:T&I]*B$U;6B1!T;YTZM<-WNEZ9/WUBC"N2IO?P1. M)+(?>2:D;5C/EN.%49H/["8]+F=?SH0E/A2IR.U@VM!1W,-)Y'$)%A\WF)I_S M)I\-.EU1U&-6KMOM',?$T!_O'?/0)%1"$BI0I4LI:&LO7K>M MO7B73%W%:?SKQ!-&;)EB40=HD'1Y28.K\;)?$0]#Z;=]GY'WOMS.4()+.*.)<B%%F2>&I9& M)TPO&[W+[&NF5M,)'=8CKM]9=9ZRH[U&8"[,Y#M/B7#*CK2'2>327*ZY? .7'50\K-L#A2,O0*+97+,Y M9O,CLGF_0#;? WFCM%V:T;@F@)8"6 (5#L!=SS?2]E6NSN;!?X;1,OB/H^OH> M]&]#'!=2 ,"6!>=& .-ONE ;$T8 X&A\' ^*4&YA$ ^)H0!P-B%/*N%86$*>Y M5U3K75NZ[\>8-1OU@YJS#2T 4GTC0((M,7$*R%G7F#@:;$^<4F *,5+F"4 5Z"(K3SX&3UZ 49TY F_2Z@@BH7R=?<$L3 M4/D)J% =[VWTLI72UV\4G8VNZ:M4 JHX_/BUXLFL7'<:M<[HQ=.%^NDT:LYQ M7'?%8 KTFY5KL[Y_Y%_!66DH0>5OG4TU"HD%*E)(?D5*#6!P/R 1M06B_=X@&HJ%-9MK-B)14D)^_P YV)K+-9=K+B!+(1^O7ZI(1GC!XZ#R\K=M M=[R82O#$/D'P!=PVI\ TTFV^N-OTV[UVZ-AC_6M,6L.S?K(;X;_PM;5WD# M[.[!B7')(V$B,;9J_+"7_[WS/=R"P'?A6_&+:5:PLS!:`C@E',73^'UHV7D MZ"RY?G,\/W"BN1SKLQ..7#^,_8$W_KD^J,_4N)L<%Z (V#V(!*? X9@,"'D& MHT9!S"H;]C@?R^C8>'+Y,_]/*W (5$GNAO$%5ALY+*S)+3ZR=*)I&0/CG[=? M#"PG@V/ ;RX7EB3!E,Q/ Q M=Q$^@_$L8VK]221@O/B1.D+- *+!QWSCSH\8UMQ7[JP(2 ,J92DZ!D$!/;,3 M*1;FPU\>X6B=,0@&+S(&HQ%&9"8!Y O(XS37AC/-6.%*5?)6P]3X#YIE,7X M_W%@6.E(,QQ1?5BV@OTO/9@LF/28!KSU?@C;!!X3)@..L9ES?E'DC<59\V M&=8)VQJ[^L:K Q_^XY!A%5X?LEK8#7S=N KA8 M^R0^,/>+0J:&1B MO3!CY1TW?5TN)LRXI>I2:'@PQ!W\!-(I8C?6S!H!V22W6#T5%%B@6UIV.QG? M_J#I[C25UGY3:5:NFRNF IQJR2&,D1BC:@ =SA@\]<+<.1'[_GP+'?@:ADSDN*V=N./Q.>]?>,^^P!JV^'*Q_MTS%V]IL*M<5>+N>]2P>V!^,;V\&^%D1\EC(\$P,*O!"0QZND$0AS9"]O/A7 M\,%0D68@"? DH3%P+?P/I].PC,?A9<-432%P6/!*8L9 MPC.C-[;E!+/B8!8X)%"'S&/P>@=_ OI'E-TE=@TV5,;$99"G(2#FKFK2&9I& M[*NNNXM'$D'E*=U0I#_ "O:7"YLG./2,N'' _HA; M9Z\.V*/Y;LY€MP$ O:U6Y[K,+GT .IU:K[<;>/I*(/E6K=GO%H1NW^RUBIH4 MK[E^4A])?,05GA28.3]'6,I*)MF:Z:BY>95;@O:7;3/RCSIO.Y]9S2@CY9#R3/(N,A0*\- QA4>7/0AHYC_\N_8F:%]=2"0O9*EH>0SU:4C#,.O M>]=JJ,TP1T1:1%@#STI("N@N6_7DQ=,KVR#]-W0AZU0_N\3_W<*;]+_/2RG4KIRJY"2!Q2;B1>+(+\ MX2_+ 6V@V,X==@XTP1G=?KKH^!S%^$:*; :E-G,P9$I94+R8W'O\ MHJY5TZ0UG.06(HQ"Y]&NF5M,)=8CKM]9=9ZRH[U&8"[,Y/CI@IGH_7X# M2.,>ZO)!N MW51$:)]F(O9XV$4]G(KX#^C_:E;LS S21 5K-9@<[<9-F(*TV-MTFXS.A?K28FKI6-"G2E#'?Y"^2W=WS5Z:*MRW:N.2 M#;BE5^]UFD_=\'HN. <1CKEL^4+%I@M>!&K543UX.6+1Q"Y+[;PV2V=TN6O@ MNWF/MD7ARE+C>_?NYI MPF0QG(2%0=RS@,T"%]9)D-3H*0N!@X\1XL,()CUD1AS"A[fGSK&^%;X3N1GW M@(3>4$!'%H \ 1OY<8"()QRBA8-Z MN&*P! !F&=]G>T"%,&>N:H(WZ+-+19]G1*R*SKP$#GD"\EVSW;"Q MMYZ!DD<"U2)R&YE-L=<1("=H?]"2^B(/0QQ$+?&X@&/<#?' Y"3R/Y<.03+W%5 MKJP@C528N$Q_"RYR19.+5FUY XUE6EQ&W%IR-&E>5)FI2V@M+E]W? D M.:#B,IKD">O5*I?WWG*;$P(E0QF(.(Z1*%$60$L2(C1=QU, KQ<. Z(P6HA0 MA[N2PE01U(L4L PD@3[X(8M>&>-@7OK4=SOU9NE/'46# M8POT,=1P&-S2=H(3=_X'O@'5^SNS&9NBT[\%KDTP+@BC[AXOYALK($S =W7 M.]-""ZRD6K/4M" 6.+Q8;IP &GI90-\$WV_D6LX407PIEB@JKX0I.$(;C? 6 MI6($%C,1@B8W$;, "-LV M8)'E>-P 3K@M!494<36%_O8_OHL>C]"XO:5M<6!PG@(\AR,3D?"H:,VKT ' M3<=,,&R_"L1MN.E=L%.F,(-):# /AU]A6]!>F5P7.QW'YN+WY J6&NKCQ K8 M!);+@MT9HUNY[OZ^(2PNVVJ$6*(.93WXA2^V!#*BOS$U4 ME@J6J;I4$-6(,RSH:BKM@H3FQ'QJDB-C C.^7S4J="T:_ YTZD2T#-JS&^+H M9U >.2C\EYK!' QF13!>**#@T08&BG>]?-!.CL-0S$VQ4%0* ^VW&R.!;*47 M/2, +T\4@=?$(T2PWVSQ[@.GNFU7BN89=;5HK^Q*(6&6C0@:- *R83'D8(<;="+1NF0S5A5;!C-.3,1\!/ATQSY4]^ M'(I61Q06W IIF@U7Y=LWXKQH9Q7&?XA>?.P8 ,,+11E/A!?^ R\>/0<'WO M^0JAU_%A?#=5:M<6!PG@(\AR,3D?"H:,VKT ' M3<=,,&R_"L1MN.E=L%.F,(-):# /AU]A6]!>F5P7.QW'YN+WY J6&NKCQ K8 M!);+@MT9HUNYfOZ^(2PNVVJ$6*(.93WXA2^V!#*BOS$U4 ME@J6J;I4$-6(,RSH:BKM@H3FQ'QJDB-C C.^7S4J="T:-_YTZD2T#-JS&^+H M9U >.2C\EYK!' QF13!>**#@T08&BG>]?-!.CL-0S$VQ4%0* ^VW&R.!;*47 M/2, +T\4@=?$(T2PWVSQ[@.GNFU7BN89=;5HK^Q*(6&6C0@:- *R83'D8(<;=""+1NF0S5A5;!C-.3,1\!/ATQSY4]^ M'(I61Q06W IIF@U7Y=LWXKQH9Q7&?XA>?.P8 ,,+11E/A!?^ R\>/0<'WO M^0JAU_%A?#=5:M<6!PG@(\AR,3D?"H:,VKT ' M3<=,,&R_"L1MN.E=L%.F,(-):# /AU]A6]!>F5P7.QW'YN+WY J6&NKCQ K8 M!);+@MT9HUNYfOZ^(2PNVVJ$6*(.93WXA2^V!#*BOS$U4 ME@J6J;I4$-6(,RSH:BKM@H3FQ'QJDB-C C.^7S4J="T:-_YTZD2T#-

*[NSQ&J<,;8<48X5O%L9>@_^;YW++*R]/%],&JQM%1{#H+40UG,;1W>I-MEC$,E^8?+@((9I0WVN=^PB98_4H#01FZ4$;HE%'A:!_2[*209K7B$BH*G6YL M$VY)0U?LF?)5=UU!,O===YGE')?!7#4U!9),@H4;K(***-2G1^M)4N >FZA2/-MJ;H\+K15!IVJ0ICJ#>0P%(&I,JHB[7-Q]6K7;J?2F*II\QK5+(7;G\!05.7A)!GJkF\'1QZG\7VLN,572VJIV/BGW2N%>Z=*5MP=[L>C-MZ,3R*F\9D6\1-ND,O5;`I"^(DKX8^M@P#6^5B(*Q'V2[T:V^Y+,6AED*-OSY88CP>[GQOV6S(@:H6!A@W#V!)ZF-FJ6LWBT\5;-M/8P!58\'5=)Z>&G^"ERDA,WI"-]7K03,!-M!$L+U2MCJC\-Y\FP#/TMV:O^\$WRR@XV;54#::O:-U:U"H=5[2;!*EF%1]J-M3@&K,M*5][ZUVBIE,6Q;-JH#JZ2IJHRP*B-I>7*13\[*-(RB-&W;:KZ?YCE-M^9,?JI=DKBJ@E.'EJ5%I(*I3/(C*]FJ-5E?:IJ1MZ@0@*B,->?\[JEVI;B9<-M4=7!4-(T548,E9&DO#]]=I-^C-;V2IQC]I*!E'M-MBZF*SQ9H=VO7[2*R!:1AZM+T-B(P55'Q)6UR2V\7>ZP.ID)VJ3)BJ[("TMM]M+$=:=:/4955-E-WE-,O2+V^Z/(0L-7*BTB-[B\A![5IK=ROM7#I-L3H",-5*-MO:L'-YI-HWQ9-?DG*AM#ZWKB$Z8J8.:[XI"M&BY,`-Z59.FZM5S\I3:\[F*4^E%0Y8/#%H:,-&%!3^]D@WQNDWCOF)0HOM78]-MZ"2D%/^C/+U&7X?Z+Y9-DZ5=+(@+=NBI?D4"UVG5?3;-QE(A-"XJ'J?K5>>>,-[M#AR[LL1#!X]R9XII6T^\$.T4SON(.W,?9^FYGZ^XL-84%\FZ>/@"U(-5%9'W-M!:,&L-]\>V-,75U/:NQ"")\]!:5NU;K6C\I<7-_D2!=_56X9?:@G@0":8,ZUFKT-MST\=1^1:?*$G%V\+G8&N<*-U7BF5WBHRL?X_7"X-G7$IAVI$U7^S:]#EB4S-MGQ74&;B@O2F)+#^Y]3PNRD$7N-&7!D@#,K7=CV&A.K[-S8\-J.9(O=EK)RBT-MU3&W%WT-O)+-"+<70V?LF7Y88.KF)_U1BJ-MB2=TW.TEVM;K)-@*QOWKZV&2A-MXZ4T7=-,!G6NBI"GJ[OM,D\<16:)QO2'E,K'1@=-18BKK+V!5Y\8,!-"V:@:OW/Q:I,-9 M5C=Q-,A'AC4%?>;]E=HOWH:SYP;JG[_U-:W!VTGNR:VFL+Y=*ESBN!?W%B^/-MPQE';=?IZ.K*"]IE%DN3X8EY.U7W'O/O9F@$Y\40&<")M+:,%B2OQ$+.8I2S&^HL]@\!T(_'W?ZH7!8=P8V-MEUC9KI,%!3>QA#]I>T:^/KW)&J,9_;;BS'UYL'5%GM*2)%F](@^!K'N>^F/-MQ&3+A"$)G$F0]-6-O8G]=^Y$ENLG=C5VF/[CBK;\O6Z^Z"L7[YRX3-6!*@8?-MX-OW6'OF-3.;G4Z$T3RCK$[-AX;7.7,P5_!=/32S$69.\AV?S-4UA_T6NW!-M;=:,J@=M-<9:0&.99O-MC4*M-M'T="SCQFRM!-9>3!!PNV%2ASH,@^Z7^VEG!*R[K@O\A\|-p57Z#>7S[=WPM]N9V^$49/0[ALT]WCR-E>/=1&7U_>/A"?P^__5/Y.'P<*N\051F6SZ;_2+]# M :2(-'|#;-IC4[&A7*D=D]-SO"S_6:F=6<89+SW9IB[=W6*VD7]-U^NU0L5D)MM:9[2K5&S:@_^(>/D'_DHQ4!.!C>G*KB=)N@.32+5G'4XBMZ=E5,G1HDJC@S-MXR>;7GGV%?T#51A0*B=U;]HD]T#GC[8B4;_I%*__9)3@.TS_Z0+_M@>MA-C4M+/TG2>5YG+.DK1DSW8'E\P-1WAG_4&8P2:)7PYJ8/M(^);P&5 [W1ET9+Y[" M?HJOZU&YME:SSFNXZ:!\\5,I"46UTBE]"1/7+9@+K$]:V5N_'-.5$P' M4JJ/GBUPLWD%F#&O8TM@_16]B_?;ADX?I%"1$]H[TQ:B@>Z%2N[ZSX,^^F M# U<(())@!?VQ)TXQIC3*SX,Y^XNV<3S73C:)<@=O+05?IW3F;5"R43T_@*# MS P3OGTQO#D-,?ITH]@6_]4PS_P#WP7'AE_#_UO* B@(EH5ZJ5A=2##!\/F5 M-*6%FC =4)>6L)3I0<>_QDU;S+0>]_9!=PUW1.^ZM_[4'0,5'B0#-9D,,,"@-MT>YLAZ3]4L61_M)3YTGX\V^:P*6,+Q:470.QP-MQJ89;%X"NPF2P5,S9@9\S.G$K<7""> M*ZXBFO'F%%,VX<7V3?H,"854:Q@6!5JK %,<*8"T#8-+4#48!,+"P$;#8DQ_!MT=/>\$/'@^*,25,2.^;R&=.\@+92)3?!"]4\4I'OH+2G!>E*\ S GB!R\QTX M'RX8.'/'13K(<^.|,-A3GP?*XQL_Z-8/_"&B]'.;S@_E*S--)'MX'GC/11BC M?T>DA4;V%;WOL^'5H]";T=D"1C*-9[:1& M>C6C[&.&D;[;@6N\ > 1;?/'4;I<;_30/-M(COB@8I&84-#P0I/9@H0!2>ZVS^)7MO)A*&Q\I0)ZM!]MWG9D02@Z,:=PMD9%1O^LPD=%K7^7EEJGFD]':K;%/TU1/3:>I_33; M]0667*V-CFQOW39ZI"P*;O=I"'FV/0P6WHVW?QU+!E0JN5'"+47!'# YGFDO# MW;IK<@'R%#P>ZW:=;_P*#RUM^'"4O=1.OOLJ^/W"T7I&Q/2!.+T#}]+6$C(VCU7P4R6 Y/>";7Kl;&X_0I$_M+NZVUZU=MXI7WHN/N^WUCN9XY1WN>8W^R3?D'QS]K,'3Z.NZ8B.60*1GAF,:G3C8M(C=(^@B^#EW HCNC2,SP?AT)UQF'V$E8! MD\5?X-U>!BG;S[WG4U_LH$",=N+%UU#^'K1$4(2=_,%[$"<8MDO7'G(QP]: M1C!T$C\,8DL>U*[51G-;G5?&L;H^\KV:&AI$HIF*==O*Z2,F)I,D157ZU=-MMPL')Y46_-EH>#;MP[7K1,))3"-30/-M(COB@8I&84-#P0I/9@H0!2>ZVS^)7MO)A*&Q\I0)ZM!]MWG9D02@Z,:=PMD9%1O^LPD=%K7^7EEJGFD]':K;%/TU1/3:>I_33; M]0667*V-CFQOW39ZI"P*;O=I"

Y4,0/!+$IHM@E(T)AUD._A(QRI9)#R?\>//"$(5G4-8!7<^] M.KE7\0P#UU#H"0Z(/2SZ,&, M(!C<-9!0I'PV?- G!L=& HV M"M#MR@3SA7 MA3E%2YU"U['ZR\8R/^,9&"Y\XL9F"+-
]PY+TB1=\(?S*7PV+A]KCW%H9XFW=Z<0UWZ0@)?"%F($B#KLXC'2, M!WC9!*'UE3)J4'E?1 ,VSWP,H" .MZ1%]^5_!,$?6'GW@'\[D$$T=25!TKL
MQ"__=LWN+=\"R'&O.^7PM.HX7Q;;XYY=DGM^FB-P3M2&&XPC-)XYM"-FZM M.;!B>L:VCH&1;L?#+WPK*HP0!/='"F 0W(]8 ^U3G&5Q(A=RYO5#/237C3:*X[98JM"8^(#"H;*
(MKXN$Q\V!?US=)58PMS:6E!>#?A252 M@8*XS9,345AE0 R:?LJEJ>X2,\I\IK"H QQ(U_\]=G[==E&7S/&TR_<3X9$@ MCP NJ]FA^_'ZM0>B1!^XLH2! Z:/<@J4=L^((L$H-O/[MQN*
G-=RM45 ?6H MJ,PHN@J-,W<8+T:6'JW._+YK]!(SI$&H!L'A9K] EOFSHUE8&'YW1B[/$$% MA5Y#&9JN75]+1RILEG_X%E.T O6#S>:Y/\PDES5%T $J!.2P.?_CF2BQXO> I1U2B. G-
EN/%[?G27$('1WA_ MP:NB;(GV 9+F4*ZM/K<+TOL=BW P_0>0S'I$:%G71)P^8DLO,,%B'=T-/G+8 MOWTT9I(M'3B']$Z*R[QYN+GC*-3:J,J<6K%X\;+=J+,5+UG<#$K,6C $[.<#
M;>>-OM0GH$&$582;L>*OG=HUK&V[AO+7OV H@/54GXH?#')$7!X'-N$U$1&J MS;I >Z1;< ;Y0[=\5 >('<.<''\YU7E5%45_U@TST'=B>MT/ME)8 -Y!@,'V
M(FCG\H4G8D5L>#_Q;'$>[1@O<[V*3B-/^&)I^/5$S[V]\,R^#,^4X9DR/%.& M9\KP3!F>67Z,^7;",P]%,SO".MO)89V=PZ_G\^I(G[:S[ZNB*]U;RFS:VU1"
V#NA9K*HH&V*6;CW,T]L(OAG!MXHJAN)A4^@; ML6P%74$.#RE:TPEYW0!Z3HL\1?#FM*=#JTSW%:T(Y:'T>#[SGP8:WPT]@]P/ M4^!>FP%VR:E.RKH#"W8"4]0C$L>
F64\/.P>Z]2$Y36&H*LY%@M*F9CU#'YZ M"#@$J_8M@/RG0N&G:M0AK]FQ\+..Z"<4V#,L6*,9ENHPK EH4BY-J(B64VC= M&-(KOO$WW(H7?';L!:TIMJ2A-0T6%
F*_/W(6]W:M=9/:,BXUFTI#,$;#?_| MU%"^$;N/V02F'>-WVF=TG/U9-&PB#","#A-]IOS4&MZ$*8^=+C\B66/ MDLBOOXO.2D-5Q,"Q8@8B5V SW!LO5-]9.U *#N3>
[*BBU)J6&41YC^:,QD0/ M-6;'C)EIOZ1G1B7NC2?25H3-E5IF8CB#OG39^^ ?OV'U!E-?O3TE?M5LJ(F?IPT% M0K?93WXD;:CTSUO]=C&34AN];J=\DQJHI=NI5J.C[1XJH\-
]4COE\&>#K9\E M-$'FOH52]1D/47+0=G.SD^Y;W8C6VD9DD,;>'8//W1(]-68KN2/T.X !0GMP M_[$'91RT#R4D!M['2BEDQ8E<JL5_&3"6-0* MOD#9_0JNI61Q?<-314_BE.DV.GO,
(2%, S?VJM5(0/D89UZT%"W7#!GBI!H;A=>.N24 ^[>^[1S"/J- MU\4O"LEKE\MKG7UY+0;TDQBNW:Q=:XV69+BWSG#)1W$9#)>\MGP,USW^!+/L%7'2MRFMQ>?G^9-?
O029&R=.2I^,\/2CJ,F]77EN4 MC%T^QCX6BU>3L8]'Z3!" 9=UIQ"M5/*5Y*O+X2NUJ NS6XCV>W+F.M2'>4%A M'UAVL+*1']HQD1][GV7N* 0Y\ML;6<:1O%8,MP; M8[B"C
ZE9+@B3 L%1$FV![5K34NM5"$)O@1$(0D^(/BB0A4[3;QAMB'=>8C^ M2(N9R-K?4*;?8IA)O3(M6>8).I6"1 J2_01)42&N':WRJJ\4)F]&F!04^'Y)PJ0(+:> L-E.JQBU7C*S
M9&;)S,\G<]UY8FFG;45#KXT'OYB&(\!_#*\ M@OAUK03M)96KKUW?KY6!C8>>X.&.*! %<$!>6*>>WZQ!&4[B RQ#V5!N>:5\?8Q=*N%Z=5W. MBVNLN(H-2CTF(YX45=^#]K;4M-
@.9D^;0EW%J>TU^4V(6:O M7!VW=PJ\4S?7HA'W;_>=5,@^JFK>..O=\!>K*[IIPYGSUKH@J7U1]S[L\5W? MK.W_K#NAK 68,]'=N3(S[1>2QO;$('*B\=9ZD_H.P"!7)OU OMKO\-=)'0/
_4. '?0!P+H8;=$?WYJ#M/MCMZIKPF>3V& AG(=!_8\6<+<]83L#'!G?-\&MBLVM3AOH$V*PL7K^ M7#=GX1MB6[T788B3=7$M(+XL>X&:@+D*@XF#H['AC>%TL(^\;1%NP7X2
&7P MH[%AA>V@9CZ\#6]RF_KON#3K%]V9\GD3A(F!$KSG\'J!XQOB 67?*]0!9KJC M)?!BZLVW3!3JWIE_H'PL8(F>[JQ :L/0NCDD$)-X5?9JU[U>HY_0+?CK1]A[
MG';>F>Z=2Y5OIGV8:3+QF6@PU+[,D/%!&Z,C-^P@\X-U,G:^"(M^+HC$$.#5(3,5Z<:%A M V_?\ M-'XC^(XW0_L(I&5-$\F\JZ63.5)EP, 1L7,BG]*00-\/0XG
MW:0;CJ!=:&2B4]YJ7&;PFSEF]<*'@$,,+Q"P#MD%X*S@;ZY"Q] 4!T:QL[-A%V6S!@3\MP%PUE;UO5VVN(/I -T65#]%-'X,B&Z.=:N&R(?KZE MRX;HLB%Z:1JB\SZ@93S4?
0W+534JY[3KWFXU(BV-63>?V&]S>W9+#6%S9LWW^XO31\ [Z2/C&-6=CN>\K&WI99E"MJ_!TZ MNB]C;6W#>;"?2V:YC+1;EX7>3%3*C 5JKV3G!DV8FS/PJ(,SUV+JFY@^QBG<
M;@Q-_;%K06Q!=.L(O!I=3;?6Q$:#2A6)X29R6Z A(Z8=AZ:!S0@"Y8FW9L?V MQ":@63L[.%';C;1.V]AK6*%FPT=T M.PX;%D>=L]V$WL7=5D+K[&YKK];9HE?Y.6@P>4^'C?/!WB"F\
I#7]]KW89& M;=RCLU2^,AU/8:\K^XQ;FQ>J?&,8;87,NM=:#VS9'9(SCQ4?6M-8G*EXV_3> M"B?S07<-EZP"243?+C=UIU^W,]L$$4N&=%R;&T3CQ(1L2CC=0NP1?1%>5SH\ MB:?
V3*T[J6ZCH[6*:&=^0)G+,FGH9+[/>;F5<0DI8O;=N:*ZDF<9 MZP=^SAS1_6N&EK6W) M*Z*'-'[Q[@O=[.H^S=KWK*Q9K1TY[(YZVR3[YH$F5IX MTZGF=E9?
@N:V!9_MY9G*,@C1FDWRQVU%X4VRY>!O87!9L/J\C<^S;BPNMV(7 MP)KQ454;&C<]G.,.^-X8-91'AW2D%??+N*A%D1FJ@GT$U!2=(,^17FB-A$LM M=J!F%"0-0TAB3OC[%XM-
OX]^1^^DA9\,K>GPB5F3U?W8Q*P/5&V'7FC'3@K@ M[W9JU_VF;(+IKF^YJJ_2;Y1_)/ M^?DGHVCGJ_!/,\8_/V=[(BZ133^;^E,2@?6:M6NMU]A.X)34 M=0G4E;MF_?
ZBJ:=*T73)Q).OV%=B&=*>5BKA(ATNYW6X5 , #Y]UP\08BBN0 MA5=4M2G%OY(+#.^K"U=;:&2"X7!W/]O."/9V%.[J1]CDZ*^H=&FN.ZEU@>85
M25[[V\,/(:\$,FK7KOO=1D_2T$724 8H/K&(ZD@1=U9?-9U)0:^O]UU\6Z5! \Z],?$S*=$)><:(8Z*7X22K4 >P 47!J MPU#N&%')Z9+3\ZLJN3@=N]RKK80;7[*Z9'7)ZF=F]2R-
,IW5G^>V[S?AMA^T$LKA2T8_SO"PWM&P^H:'6'V>@](<\^Q'[JPX M.;@<7'K=3^5U/_\$R_JK-QVO:Z;?"$<'-%4X3C]IB64!GZ\:@[S6.7I_[;-_ MB=%^DBNERRK*][MU+O:
[7KI":DDNA+0QB2Z'.'>Q]Z"Q077R<90C)$:4+8 ML^Z =IGN *D7OG(8N[!WB +!ZR:/=&-(I>R(^0*8BMN7LLG38QT@!>Y,6<3P
M*P0]A>F,,3E\I+>TOR/,MD).E$(ET*DC@X^<99Z2$E+T2-%3; &E+-&3(&*Z MR:A0BA2/B9=_Z4@4BFQTEI*3HD:)'BIXW(7KV+8TSPY_B+L('HCO9LVYVW-XXVUCDT
M=MCMXHN%']5*[5KV3,L)4&E[%/,IFH5!MW6;5/]RO^GV?I9?-%R'X? MN_V9N:L^YW!<%M?+H#R5#R4O7"XO](^O@#[ ]@JM1DL2O"3X\A/\X'3"?U!< M_JCD!DB4DA*:$0!9*
MR%-D?(M1?I:HRU97;*Z9/6RL7J6MEG(?7\9+46D$)!"X!*%0(&W/?"9O.U/ M8Y.XM 2 8UN*E"]H7 Y^88-+E[P,9L\?S'Y(9PP9R%5QOTJ.B/;#:J*WFS*R M43)$E1@B1:VP8)!M9EB-/-
TC^7D_"VM*/8A209]^>LQRC;')/EG^@CDZ?GAG M>T(58=//IOZ4R#-:[7J0H(M(?BD-34E^R1T5?^@%4ESXF60(R1"E"8W?W52C MW6R7Z0Z0*N4K1WGOJLV(Q/X6^VH9E]-@H
MFJI>(9BVD+GFZ8$F19(4286'*QU>H[K=[":#1REVI-B18N>-BYT,@\TID-!E M!$Y+D21%DA1)KQ[(=0P.ZDL<5%30UWK'#K&C=^C7,B:B8P)?$A8'/JP'Q.!5
M&G[L4>M\BZ:U,&+B:Q0QP2,,J5%&C#0;RIFH2TN*ZM"C.<8"/!3#FIC^E,'_ M>LQAKJN)77F./F53Y>Z?7S_]?\K,]X#+^%#\$WN) MS,0_ 5JX"I_#_B=3Q 1^N
IN[RM^#&&0.;Z3SWWII MYJ+,';RW_F:HK#_HM=J#V:PU;0\ZDW&?#?09:XVUYD1KC=7_!=C[2#7F[1EV MS/%XXPE]6SJ^^AU-
I';W*JV)DM]]^SI",OGEHS,N_/[[MYM/YUR\O=Y&*\2Y2AA45.XV-9R[QY$RO/NHC+X_/'RAOX??_JE\'#X.E7<(4 S+9]/- M=C+T7P IX@?TMC!-K-NZ4KE*0\|.O?!CK9:!?4L!=I//5?2-
N3HGF%7^FC-0 M'3U K?]ATVU@.@V#*2)L24WN. EM5.?XL["7__FK726U$H'F]_IO(W.@K?1 M(12+STY,P,S&S(#?OAC>''XHMJ*A/,X9P-A9R*7]F,V6$ M1_F'V$8O6-
!O^!>@"MMA=8322^:0=0T[B#B(Z $_P^>>,F:P(0#>;6>)1$]= M_$".>#2Q9U"(B33=7%.=,I U4Q1'8UP]TW'>^$-XPC-QFW4X6F6\$K ?IH)S M)Q
N^@*B30K_!#/M&Y#@=GVCXFN"P5U__"\V\7#Z7)6"-2T6]M3P5IPHE9GI3SQQ@D"Y0/8X_DK0$S\+ MHELX_BFM,MAAV(6 7Q8(QS$(EWJK%KU#7,\/-%]]<>PLK\RQT1O4TH_?
MPV+PX%W/NF/8/JX&6U7!Q$ R!"M;OP-0, 1C"_D(GZR;239NB7K"$$;8=VV? M\8+KAN:%1X=BG;\$2 *O 27JN14L E^#HH9&C0^ZHK/A8P)E.8X]#N\%?+*N
MO#,:K%$/!]*3Y],'<;C431#L,\=>X)AKCX.TCTV#OP#%]8[?X"_)! .[CZ1- MLX:3M=Q_-/#.AE5MKP'7J@=UNOC>^V.D'\^@:>#Z9K[)I1>_')(6S&5N1 IX
MWTQ@RD^V@R!AD_PO20BVS@O& B$8ESTDCOY_]MZ]26TER1O^*A7,S+N>B&Z, M+H#49QXB.&U[MO>QV_VXV[LQ?TT(*!JMA<3HTGV83_]F5DD@0($DI!$3<3X MV(!*=?
EE5MX386U1S]N6J-CM9! ++DLW.GH.6KQ/@8"00YHV]R,BEAB6.34C M[P!Q))+]\!5X[BL1I\UE0\8M0X QH0"9R+KAGSE?P)RBIL7S=?]/G,&:!67" ME+)MOXVK5X%>YT3+0"UC8.
(G*?[KL]-AC:UGW5 M)N'[Z!\+YJP)V4$DFP.K!^G70O$H)DD:KRZEL<%AB&!,UV,P<1(FE-B]3F5H MPC9V-URX)N_X1Q:_5'=_)M"+"WL_I:XWHOX[R.0K?]1_FC!U=SS+FN2@9W.9
M2>5-3>JT!K:3X$+;^@!(%HX-16P_F@$)IQ 'TVP]"SB_R829Y_$"V#@FD.U# MH2C"XYSZ,V?"K]@U@^)@S3\ M^/#T?/^=X?S>L8+YR#1PD4_4MKVE]6;8\&_&%)D_(](5+
<=^O65W;.2@L0U0 M1V_7D&S6SEK-D@;GQK_8N(086B)-!8NE\ 6Q\<8PZXX?RX5I+ MY^*QL;H&0I$O%-8B]=:+1!LNM\;OBG=D_RMYXB;42K@8-TP;IQN<@6H#>_8HF
M$2]^.3'HN[#[3!\/\(>1103(!1G-^PQ^O;QUWFT&7;BRF,X.6C^L>QFCC9_M MYS9Y<9ET FQPA7X^,RX4N?XK<_D9XU]T$I]M1$B 0-?\XV1ZBBQ&L9%/))Y,
MXE%E>.GWP%USD_W80('2=#DNB9J1S^4LW'3XP(K^[=(W$]8- M X[Q> !PJ"AYW#"WGB/RL12+"DUGI@U'94[0@!1^N833AS/E+"^^"S83ZSUF
MZ3,YYX/)4RZ=4X9^D[D[<6H>M9AJ#!R;*8HFDZ\!TO36,G]1(!& J7V+8B/# MZSO:M>"1$:[S7X$9VOS8,#C/U>0 ZTB$3FB.'*.)A>D6)IX.T@P[F+'C^6WR M,"749.\?
P\,HJ+!94)\+_VPUIA<_4%@E-5P;S@?/?0[R*ZP-Y9257=.93M$N MAR<(:X5WAW,9&ZZ[Q$]7@D=\WFPN0 .S]4PBL9E-!]8?VG\9@.".67HF.^0) MQ7L;;4;17N*X@0VL@VM)ZU6L.-
&8"]Y3N'4=EQN&UV-.';BKX4!1]V*&$\J5 ML_#7&\:3&S(*U@*^9[=S)L0RN$&,<3PUR"/=^D,L_^9E@3_IH=><^ 5 M>\")EQ'_)?L2=")X&=W [16#[N*_"=#9%KV'N!N^96>+W%7D
CY,SQJHL. M-SX#G)L[X6O8'"J\'W$!$6I&W-P3CH8T/S/'L^U#C8E?^"SG;S#[7?)&AX_I ML1V.;)-\[-B\0@ =6&+<&Q+8>-<#!DTF76X^&=H3-GY#&(I1, UY%XC1+HH- ML-?'-
_X8QW@.1AZ_@I&]NX#PE63.'"RARC/96E Z_K_FMFO>M^9W<4RET+BC MKTC419XQM-4I_#F+EGNT-DV\MO]V#X!A=%SP;VY]^_J;DJCA2JU!)Z'J/P$Y MPXKL4IDF?
C0)/*>)RSCQWMZ)WZ"K;4&950XO+L/;%$EV*<"Q4PD,VUZ\V)4R MH1Y<:R-D42. :9L%/IEV@";Y\%US![;.<2/G&!+.U('Y1M]S'QZ38N%]KTQN M19&"&:O@?
3M3=E();TE1AW&'_I7''4HB[E#$'8JX0Q%W*.(.1=RAB#NL1=RA MG!QWJ*R<26%*Q:[W*(M RNZ2%WC\=_0"Q,1/I06:Q]A8("[<@%8IVO$@=D)- M-J9 WI!7%[78F&
[^"EID&##'!,V;0X(SMS%L.IL2)-)-H]L1OR7SA-V5PC23 MMVDK4RT5*V!)8FMQF"6E,:OYPJ-WT5]^BZHDF39[*WOHMTW H."]7:<(7\B_
M7HN4[0X7*\,:2^&;PZ_;\-7'W<\5N=V5NXE?@1Z8^/F^H22IW9/T3$/M_[RK M)+]$3*H6DU(T-;=)'8'GD;)B!V] '4RAKMA%SRA[VZ"D%GWSIX_-8O/[@$%] MW-[B;=_?
^QL#'#@A;@:H5#;W,+HL67+O/5R8*7H?I"QZ7Z^=^#N*"6P7?JY$ M!?;/OZ.X4,JNG$#!)5F6#FU9"BGBHK.,'6?5I_J5B9R%<,%>NYMB"@D640QP MO%7:"5(;AAIPW>B#E)T_-
HIY##<4B# D.@(B\^R!U4KHB9:!QPLS2AW MCK2TW#+,;YGM(R4=]?/?,2 J,68$^PI(;;TBC05$+PU!$(41Q'@T@"R2:&@1 M+$&P!,$2:E01)"I*\1I+,RY ER^<:L@0%"@JL"P46
M>"=F,9W)RA[3F9"%DVQZT22BZ7:!;O?RA#SBR\088HS+5SMVJ9';11'#YE M;E"5;8_98O,J:47,(P1O3P.7/,-M9+4UZ"EM+5LH7C%&^0/F=0'6AH,U;7!(M^I9$'/%[FGQ !D8
M<5\P8H'ERT@9F5SK&HC"29T2"@7IJ3:P6NJI&:M8K/9#SK8?B;1;=^3+)2B# M>FL@=;H)XL9I$1XEQVX=M",)")T+H=/C]Q46OY_1QB!051?=J"!8'=6-% DN
M[(1,LUZ;4#6;0,80_=RVH2JLXOQ(_2,]&/-0JA05E*J>WN[4 M*&0_1ZZ1UUV8QY22\G8$;Q"\H0C><(:VW$W6E@6[$.Q"L(OJIMT6Q"^.FT%Z M:+7-
DH@KZ%70JZ#7DOJO*_V,1B9!G8(Z&TF=!5ZFF2QX&MR773WAPA02]EX3 MXT?6?O4BO9Z[;3E%)]H]V6IR6SO2;JR85I'INN=^V6@&?"0\@I@V,>QX^V'L M*TRBA9-
WTY\Y@8^_.="%F)@>^7.)E9$W)=FG<+*)A*FW!OTD03;*O-[?#WFW M>7I3\"E7")\'TTQ82^JJ(OBL$,CT"%8[K4%72ZC.LD8P;%+&N9_E#,TP=PFH M3TVP.T5SOR$N]19TC-BUEC=
[B5'9(L:/&UWFD]J_(R'HB0ZF"_5^_[&OOSO! M(SS8LOW=R C.'6AZL'[X6[9S_A&S+NX&Z-K!_';B^+?ABQ*/7VX-Y+:RQZT9 MP1=I$0B;+*GA$FI/8(L.-*C/M_=BNR# M)A@K-
F=Q\8U,G>BR>&;:U*V'Z! MXQL[GH\,'38FPBW(C!-DK'CU3$BP@$4BL9M3 1.,2B<*OY,[S&&*GL%T]"E(22/0*EJCP1<.-28L#_S^)NFT>Z M.IU'ZG^">;TQR6@(K-;_:AHCTS+]Y3,
[DP1ZCP$(!L.R_63(7U&YK8#L)X PN*9A$=.G M*.$"$3/S<(UX]<;&P=L&!^.K1MH$ M"HWS8.\X$TZXD6N)OR%HL;B;L.T+"UYOVF_4\^? F=@)C",JO77>;10LS2F%
MSV%7F1")N,53<2=\DV$#89?'AC1O0W(61PO:^.,WF'*^:&D[B]L1F,S&^(OUR@ M2@C7Z/N,V@08",()E2&X6%ZY,C4VW7$P]WS$"7XPP3L:I\
(A#@!WW26.:6FE99H=RR([A=_;A'.^]']R&HSA[I/IC4'(MAY/D+/:+:<.N(I=_L#W?#38 >0FHME M"[D)?LEX&\P(3IN:[.*\(6,X.6?.Y!JFA_/+R9LYKG\+U]RB'LXB!OT)_-]W0AYKF3"A">
(V-J:-XA(@[7L /W#LUYTW M;?/KF0FS=)$>PH4?YX>5N\'P^*8.VC7P_.;4GSD3MME CL%\@1P2]$>4L@*4 MP6$'5_N[RUNH,9[Q>X5M_@JLYAJL)]
[Z95,V&S&I%&,RK7]=P04%\DU#-"F_]?P4.?@9G\(OZ9 $PIVLQSP.!F5&/"4L MK7NM>;3)?7C!+."^-(,YT^L\A),#6, AT:#&1@%9$2X2X/J^Q:Y6IJ5LSB\2 M;'SC%T41!O '4JP'RA^_O?
&^F5#\O6GC\M8+;X>R3VPKYK%;?%L$>F?Z62@2 MR]&=%'MX9L(KW?%LV29?L@N[-UQ88Y88VPEORTA(#ZF.[>>KS71:V(PX ::@ MOV=8[\;20^]3G&L!@PH' MU_'M*=9^E'E-
IQ>1?O]F5&8N9.:BJOXG4Z*:WE=4?3I5)JK>'8\TJAM3JHSD MSEA61M(_^W"%L6N?&44 5$P@,@8[U\QEA,#'4OPDR>]^*.<>2G[Y\P47_OWG MC_O/EUP*6;KTZW^\?
Z22]^5[RY$>$RG@"MSPWJQUI^>??B@)OI\,<[6L^^+ MAY?/WX@&XM##X_#Q_F'XE3R_#.&SSX\OSV3X^(D_WQZ^LK^/?SQ#_)I^#(D M'T(IA$ZV"_*R/S>\!1;]/[T/]DRG-WM">?
(YDVI4MU_L^ M18-\3&UFU\8+C/^[Y8Q_Q0RLO1;(66-C@1!P \ICA.+24_13I:?<*JWJ*C'' M72Y;>CM*JVMU8"U?>J$\C.)TDE+'%43#"S5)[^Z"T0%;,4L']/"P[P:3'C9C
MFF"JEK'PZ%WTE]\FIK>PC.6=:;,WLH=^VSSLA +4[+#YUZ%@J&MMO=]#V3#, MCPQ?'(J-;5C!Q]W/5:4M2TKB5YVVE/CYOJ$DN=U1>YF&VO]Y5]'RFI2B9GWY
M]4ZJ>W"H*VK0D>CSK5:3CMQ[=-2M!T-T-U>^M\&0W8&5GR::E4KL95 WN*TD MO\H?)(JFG&MM-B&HZGP%\ Z7D:L>G]MS:5:-SR5/,]YO2\"M%GPN>:;5Y7.9
M@'=F7Y@F5;M)WK=-'R@VIXL"2\8LF,DG"RQ-XMBG]N*]^I2\XO>G.;EZ*?I- MKVV!T=W-K\;LX=G]UD!2;I1NMTD]<"N5[%OH7$]HG2UXD>!%>?$BO#A?X-Y$
MGA3+#,C*A#"#6+[I)I9*%DQ(,*$Z,*%L#06NB F=7X T1661_0BK-DNW73Z M^M[D/<$/!#\0_*"Z_" ?H:3;P5S&&Z6?E,]80T:04'9D-[0V*;<<-^1X,*.D M]UHG1,9?*,%%ZK;W);(\V&-
G3LF+\0?=BJ_*%.'#AX%1UGDP"0$[78ECFX45 M#?WH0QQN*XZG8CYLMHO_%4Q>6?![F-&'L=XLER(T\$9I)_*3,S%9/'N;]1R M%FA9P]\O7.?-]*($<)/OO(\[SX9T*3.[P8\QAL?
XXY9%=K.DOZ2L3YX_8*+] M=>%2?Y4K"D\2RWCWHMR0*)C?I:]8(9!%J9OVFV.]P7L#.\PR\Y<8%03/LB"C MP)\Y83XR9GFM7L*6P0:?F-,I15NAM3RA>LK@;R/WXV[D;^6._/'AZ?
G^.VL_MUO_-BZ<1C0(/?NW!+F-%"[Y5_@S8X"O/F$ BB(X2_LD'(M],&_=U21YP1P$X MY,6%Z867 " &3=H\1FN5(!JF'HSCT9&LE,J48FZ%Q7.WPE0.#X,E8]""4_<#
MUV9A88_FLQ.X8PHO'[?)?Z[6@M4XPOG-,C2N&-+@VA1PPP0EQ^,)@ MF.FU2IHE"P.A<+/YBE7JJ\V'B3\>ON_'6O"$K8>"-P8O#@(&2YLZFF\TW>_O-
G6]F;EXHBYZ4XQ7^OORB>WGZIZ^E6,\5&X-M*0R1W^)L$;_ M&",P)Q0(E#.B&!H8#W#<96R-^%-O[)HC3"P"?O7>WMVUP[L$<-W(2(J8 P!A
M1/UW!JA9/"+1BV)ZX_&,^!,^+N:IAQA;ISDC(>S,ZV%?%/,1#G/9I.>,.6OK M.YI_F-!;2^69'MJ'*XS7S@V1H1^GZ[N[G#PWZE-IZ:_+^JVJR1=XDK")7ZY M^B31XAB*UHBE?
('DPX@O\:\5#H?=$DU7,EE2>#/?_E, 7FY,+>@^[0[7?[($ MU7;UMJPE?Y4Y*E-J]R0]MU#1AD]*ED7*M?7L180^;PG?[3A<:P\QJ-2/IV- M"+AAS!DAB\R,$S0WW*
M_E=1-.\)S>7Q9R6NYF0^EJ<]?58OP+]PF=DX?Q:IYUG(*]ZFDSP6F<2R,FY7$D2.-_O%/Z."/PTUJ,TT*^WQKH"9"O4:#R =@7<=>D4>3JCM>R
MI)83*JU!MWS@UD%9BJ(F707^@F8P=91E<%,V3;M_?=\%3UQ+XYO6"0\:O+A MJ\B3'Y[R$8?7(1K*NHV5([#RK2E[0D>2:*S703EB-[;XU!SC*N4/G. >:#00
MRY(.LL!/RD4L$!B\'@RFDS:R8%!&,6,W\;R"&#S5M%!#OWHR4#Z%T;/GN"*+ M<1Z+P?,;7/A&S[>?7_7S>9I@E5[% <2"C,B(-S)S%JRQ!VM4XGF\0#%\|6ZX MYXW8OX\
MT!Y1T\X K=H:J/KYLK+ 325Q!FR;@1B\,-UIKH"N5PUE8 S,"^3DM)A>LJG0. M$\)Z2P']]VQ#$U&O8ZSB+NC3.UR%\E02D63$QY%0OY3XZ'=: UG@HP[XR 8/
M^01XI,\!Z$NYY0!44,FNO!/G]##H.HB1A8=!1T+D1HQ@!E&R+R/3[FM66@_ M9<8[G0U;!6 KM[L5T8 $=G*5"'>LZ7N"-L]&D0HH4MJ=R^?#EAV>5,<0Z>BT MN'Q<3#UIX$2I-
1LI! #]LQ M);5!$3 4,#PM+/L4&&)7L*Z6(-A4$(8B.RQ-V#:)^1TP+N%^R^\@LL.*S Z+ M3N&[/Z-N.A+4T%FQ*PJ)[+#F 3$'C7='%,D/B-@0*0\55P#Q&H"8U?22'H@: M-
N0YRSU7@SRQW'LM5U5:.5Z\E4Q=9T[N'5;='2,EO_.82([64ML55*WIU M;D'$W/>G*ORL<"M7!IU*D[A.M.[GU M'ID$+JHQV*XDUAC0I6/GU88I3(A!_IP%2;)T)+%D+Y8RML+5U-
:@I^R]4L+> M.AN=\/B;L$,=X@)_;%AD89BL>^/86&#S'A*U_2=_3T%L9OB#@EM)$8\/'[) MNZ6@UF5USG>3)O^R;M6X:@"XO[L@=@+T?=<A_%Q
M>:X#NPCP,,,Y8S=3TUOMY,2A^%/8TOD")K,]B7@?0\?YY1''36Q]R&?ESPP? MP&M9J^''0%4P:W?=L]-RWJE+IH$?8]7ULT53W,\!BZ 70XY^(W%P@)ZQM7% MIL 8A=#<,C_
F%TU!9&)Z,)FH+69:XMKJ>IBJ MLW&JOH@A]:L8 [MP/ ;E.P9<\XVNN[C]9=.@$O+0SOH18P3\,O#W/[+39^A" M'$Y7MK8R]N?,C6:S
!*Z';G4^'5K3&&R=X;U;BP]Y.3QGGNF'0VNX]M3K/TH M>Y]."UL\OZZ LSCYC#C+2)E 2&M*P M ^3?/AJ[:+],%^['4I+[FDA6H[5)?GESQ=<^/>?/^X_7W+QI)BM3[?ZQ_M+
M+GU?;][2"<_!ZQS$D?MX#^TOJV[$SU$W8F_OO5@9B;SH9I,GWAGK^S?PQ__()^&+T/R8=5%>+M- MY>%>MQ*:J7<[$$L@TM:WQS-B,Y]LJ/X#=AG :9G&AKAW&<2=V&/Z<]31
M?:68X=(V5[:OR;362SABK;?;9!K[/?/FS2AE^Z%HO@"!F?5_-IC"N7[?GH;0 MH!^@Z.VM#F'*D\PW>J?CN0 3P1^"%!YL?AN-Q+QXX[47SUEY\>YV>SK'0;\/
M[FS1QWE1N8V<=;VM=96L?9Q5K=W1U5RZ$_?;/2W;2(@&W'KE&S$7UX"[^FLOK@%WC==^V0;<50WP2MZN MWQWG5R0EAG5SX_;RC(%=N015]_U@'$:YC"']G
MZ%MI8M3[!'\!TAAG=X]AMLQ-IR/7.W.Q46':M1N\L3PNIXZL]>-Q)46%GT(,AU$3^947;\/EE<0U=*R^*77J M74KNK *.B).Z5/^L(*9!4Q]1]R"LE6U4I_'(IL5R/(!4EQ#,"5G3UX3ER^#C
M+^Y=AE%W!*,_V[]>IUS= PJ6&!P-^<.DD8(?M_17S MOWC^F$N]P&+=ZS"Z\TXT4!;/-^;Y/)M1U:-YQD8$S@VQJ8]!X0E&U#!9M/Q> M516T-N5F04VN/4^]1,D.RP-+"4V K\FL)
(3*RIE(CV)X0YK$<*F$"M<"P]>) MX4M9)C,Q7@VK*EVX^[H 3B5-C]F8'ZNF*W!48QSE9O'+P("ZG4YKH.96U$W@
MIC+\YWR+7A;^T^U(6%:^$CBZJBZ5P[D#,_GW*N4Z5BP)CG$$9^F;]+0NT&?U M=+NZ6O$\QW5$H/JVBD*/3 M><;#6??U@*/Y%)U,HJ:*
1QMY0SEXBR7U\DMK2[C/:THI(HRZ9^&K@W=54>W MZCGV?0&OBUM#SHDLRY]C21W!L6H/J:),_N=S+(D%@ISC2Q+PNCB\S@E%*X!C MRF+P.!\TD?==[O;L/#%#%
([B%I'@.I:%E=8>L/4= M]=;5EZZFBGV9F:+?3-MQ37\9[3;_61C"GL1S92Q;W[^A+.X!41KN MFPY1<88L8_'XLU*S!*(J51[D-#WR"'#B30JGYA]T:+,F_ M5:'N@P!68?
6+=K&5S*&26CP=1=0&BU($I!H J0KR*E4 JP' JA2OZE8*4E?E MROS.\B.,"58XGU-;.#*+TEO91@_7^YS(6WOGQN<)\V#E-=7L"NI>Z&PPT7X5
MC(0".Y4I8)2*X6C":U5CT*3S=9YA&DO'>9KG,PV_4?:D3)W6 M=EK@I3**X_D^T%WX9- @%2DW#?*2KM*PO3A/9$CH,)ZESWK5VU=ARQI6!3FK M;I_;)B6289)V?
M%DZS]?;G^JDB%57N.?S"OUJY(AG" M0JXHT1>;0JY0L7^5GEOC#W&W7_W=?K'N6^GO]BZ OI\@2]<-\U5H>WUIHA/W MJ[A?+V6)3G&_HFN]IR;XNNK&:\3]6D]XYVV=

TJ|HO?QER"QK:<8:R+O4\/ OK&H%Y0P3TYC^ MG(,AU88A'L)7?+\OP_VFC%O.G. $FXGCG\;CI3(KK$:K+:76\,N63A56(W< MD54"]/$"#_^ND'?#(PL7!G9A*\DDH,1WR SV@IKP.:W%Y9N.G&{(P@"T&1;\ MSIE./>]3T9+XL%W^P40O,XRAO6$5AL.A|[LU0<@KW$= GW02C7MOO!F6NT32 M,%SVM.<{KO%*R=1 3YB//S-\8K@TFA$LT4AJ1KC$92T.SR-(K_B/;. ,5N5Z M^,PT\ ,8!/B#Z4R\|F9.6AJ4#OXVK)<*7BX7K_ $5]"G,,_ J75-M?/; ^3]=;%]NY[.2LMP,|A)H* MF|0\=9TYVT(X -C,)37 JEP+H0>[Z[=V<^+-(M(L] M%0I!G? 4CQ@BX>N#O?R0VP3'%*^1"P-/5K5V- 3ESUVG7K_1V!#C'Y=6M,8;)W 4M3.4HIGY? W76\1+&Q}<&/2W)EHC9GN;P*]Z\OJ]-4^IK MT._ED-I?!OOKFY4? H*Y1*|S:E.JK"G]MV&%M1[' 6.#1L,?T')6IOIPH^0[^ M4.0EO-K[U=8G\B45;N0$V[U.-'?NR"V^%U:AO:YJ". (]1R+O]3@K!;!Q|> MO5ZU4L_<[CP|/S M_7?RS;0=%_LC/82- B,F+"R_CYW03_NK_^Y,F2_W?O(T..U%;"9?.G3?L68L] M@K!@P|^'PR|RV=WLG7&"N9SPUU^GZZJ M &RDSR2TPNIWMGM>5,Z7$_#V=H?S]RS-G+I*6]:ZN?1-TMM:3\VIEY.B91M) MS.GL.?4/O|NXEE<7[VM%L*45;\G>\+Y6ESZ)?:7!5E?'D#7^RI$4TIM=57I<'MMET:5/L+GA_SVU[HGG_|8F+O!+'F"9Q@)PHZ46O?VTMN4S$;_4%@)YN&"7+OO M+T8^V]$TPTBVO3?'ZJ$JRF&[QZ%<_(RVC[{$^H/T|/,S.^M=7U>0H"#!. F] MZ4R/(7=?510.\^S""DB)%"=C^DX_(3Q!T)N@MZNEMR-77JI NOC=-S7_H)/- M? U/7221"\7U\FBS)OUTW&18NE%>RH;/2/Z^A0"UF?4>]MO@F3(-M!43^:C6/)\LETBE,:%.!;9Q?@UG-II*PZ98K>W1SDST]B*?SKLU*2@NJTZ0%44RIDFR_5YBT@(4>VYV*U$H2L,D7 M-GGDG6:0%OIY6RJA*=BK\V$V"XN8%Q.E.C<;L@39WA*ZVZ#X.U*N# A+]U-M%OF;>3S9+H64D>HGR!(:=C IO_"BP$TE<:.7*TSHPO30'&%"UG,3)NIJHGCV M#9^&HI57D*BT2F=B->L1 GF-@D=9A256RFEL^>I7T%H$E594RB3R,4H?VY*L# MBTTE^6A2:Z!)E6DA(^!S-&$@5UYT8NDD33ZW=%(%\7)M9A)%NMT(TD@MV5R^ MT&%5? R4V|C*5*Q-SP O(;IA$!@BK*[VWVEGQ>W2|%ICC:TM 0=5B7$LHNE.W M -CSR^UD$Z8SV \UI350-+W>%<9S9:F7K*PCN(O@+LVIE:SE7"OY>@C|$]_= M4Q=H7K |,_U RHH9)WR@Q?6)ZQ*9L,<2BSS%[66Q) !I/!# M^(M/#+)P7$8ASI25C1GQVY+7 1H#. P3UX'69)OZQ(F,H+R45$;|&/)N68A. M0%P_%.0FF3 ,\%.O+Z$-&^)|;*%CNM/\N@Z+ M040ED.+%BHC!I@";8!E8|\AWB >#XZ]_P5?&>!;]_"#WP,/SA,K]$0/1.6- M3#Y]JG,@"Y=Z:**8)!8].ECN*@.PCQ1&$B.E&RDD7A4+"2T&+. ^M'C!&PM\#? _T@%#%B.0>G=+.3S&_IRYT6P6OBN|'0$C^:75K M3&&R=X.U;BP|9-7Q8X S" ?7\>TIUGZ4.T^GA2V>@V2"O)"1WAW<9!3%7\%T MC.K.AJB'&EY8DA3KC&ZIUMOU0Y- @R&>:'H8K(;?<6I^ZWE:E.N92GWJ|H_9S M*1V>GE<-RZZ23_W1ZD[!\%!-KZS)2FIVO+++F1=-FD\W3\5TOM#AB)5.& M9>6*UR[GDBY]:B> ?2S7\3":#[PO*I(G?#2NIV6=NF] T- U{F|5?,69=<7XL| MPG&B.,\/|"BU^W5V_3>A$5Y[;SH5I?+?8ASI25C1GQVY+7 1H#. P3UX'69)OZQ(F,H+R45$;|&/)N68A. M0%P_%.0FF3 ,\%.O+Z$-&^)|;*%CNM/\N@Z+ M040ED.+%BHC!I@";8!E8|\AWB >#XZ]_P5?&>!;]_"#WP,/SA,K]$0/1.6- M3#Y]JG,@"Y=Z:**8)!8].ECN*@.PCQ1&$B.E&RDD7A4+"2T&+. ^M'C!&PM\#? _T@%#%B.0>G=+.3S&_IRYT6P6OBN|'0$C^:75K M3&&R=X.U;BP|9-7Q8X S" ?7\>TIUGZ4.T^GA2V>@V2"O)"1WAW<9!3%7\%T MC.K.AJB'&EY8DA3KC&ZIUMOU0Y- @R&>:'H8K(;?<6I^ZWE:E.N92GWJ|H_9S M*1V>GE<-RZZ23_W1ZD[!\%!-KZS)2FIVO+++F1=-FD\W3\5TOM#AB)5.& M9>6*UR[GDBY]:B> ?2S7\3":#[PO*I(G?#2NIV6=NF] T-

*QVTHI6/I%>S2FC@6^NR0S+V\PZ$ Z9@2/,65=WBV/=T_M:B;L%U[PRS1DKK[2BZ$2C#8#HDMO)#/ME%PY5]R9"8;6TY MWD&6U6F,.D-!(%QJ#VUBWE&T>^KX1!*E3=6:-K,F5-63-LN^:,F;-KN-44_+ M(P!:?TF:%:%/*S?R,U?)HL]<8J7W![9&DS3K3II2,9=YYY4VC_<9(&>1VB54< MH1;5&O,D<[Y:I1IY*X'#QOQ#8(;'K2=VZS`9K[K[=5Q###D!F#6_@TIRORFC M?Z#PXM&:B^?:)K"+9?)(G(J^7)A+"(<#T97Z5;.10Q96G=7 ML@C)(]06404MXMBM_]E9Q+ -MEI7L@C)(J0640%_3E?IBUVMYV<,&'JF9'?B ME,X=8OJK;CLNQO5;O9TP%#H8]K7.<#[79IUA=SH9T*$^[I!&;+)K]KN-M-D]HY7=<<+4Z)"K]N$'&/WW::$[!.8WUB83 03H8;N1H5GE1\.=FK:[=NCC M/#9F1#-6_9"\EKWU]_|."](6E(.-54XI<$)T-O:"#_&-M>Q4R1(#L(7H M'_H[489-;"O:,I(W2@S7A242EQT&{UDZ#>T=)0/2K$Q M+8;0/X6?6E"3=6&%A7/8*2]N'G00;-XJF)[?P'/&.L;],[HS MZ%CTG_L/S,Z8&[C',"]B\X:Z3?]77:[P7[[9C+7PUK4>P-T+OA3]A'%U>')% M'9:X#6_E9[CWF?_85'<7_NGZ2]#VN&7C1?_HKF$<^_P^Q6W^>Z"^2[RZ>K;], M?J:8#ZZV?]T\Q5OKP&?*KS^3-|-;!.UX<2]?'!W CBSU&>S2W/-Q0^=SWJZ7-MS/S.OYIH@/::\=:#_A\]N^-4(U:K<\:%/X^[U./NEW]_IXW=0U*Z2@!56S8 M04 0JI@=7$D0/D&X8F!FA+EZ(3__"!OX,.3-RC'M?:CPH ZBQM*\#$?$L(M^]MNF*SI< B AAO?_IR/&;FZI.[XR]|11M<;O2"L.8P=!QN'L8O)!XCJ,,;) M/+#%/[97]WQVEO8#NK&NR4U8,DW,]N|\6>P48';(.5# X6IW80CPO\BBC!9 MF6M7O'WN>O)O'W3VVG,]@"M2?4"LN.WTQPJH$]^Y (A+PT+LL?VTW@&SNHNB M'I]C#<@9<@'I6Z&^5U-X3Z$-H=/'0P=3[U:V.^#4,QW4OP#RVZ;/^VJ3CZ8 MV]NOZ!/0R===>_%,%M[KYIK^[M:#&$:1L(VQ]B*]/L/BC%#^?%[9ZSGD TK;#J.66 0:?@NGHE9D+63C(_YV MW+KJ P]CK 9HZP[9!ZM7J(\BS+@<<<^KA+ (V=Q>^^/TC^4R4N_/[M#M/ M92Z>%+/UR5;_<%?FI'>4F9WN4;,W %)BO"-T)!"MO65/,TWIRX(/=Z[.I M:EMEE#1RG5_=*R_NGS_]008M\OG^8?QP=S_^0IZ>Q_#9IX? G)S)^^$B>OG_]M^H7]/OIV+_)Q_#PF'S8^FH%,GC/S1;R[J C1^3?46OCT8FIHVC03+5?-=*\"OD(YU25&$Y1T53V)\Z,`8P M !LEK79^%MT\L"0^Y\!OJ,*E5]${C5&_]2]HYD"-YO\%ZOBNQ3)?>VO8$'^+ MMRKU99A\?U)TU?G7 3NF\\8=L.-/!#L$?T8*UM_3W%0<2:4.FZ8]1:8LALHG M_E;AQ4.W,=)$)5 (]8)/S333302E9';1#$4790F$DR4>2E2S;57V%PQ)%>4M;K;=DUKBO>X5#FQ8-`M14\^;OTZ.N*U/^L__'EK0&]R\%#[>'!QCB.]}5(@H#8F%+4=MM M3.6.:]=5NCR2,O%1,997GLW+F}6M63ZN/_V@SM1P*0A09.R/W%,KW$<%ZT@5#6V\E?[$}AKFZ9^}>!W";.HXQWC^ MVW9067K'D"SRG=`?SA>T*SP8!E=[_"}]3=C1{@:/T%O2-=ZH[H9WK[M2% M#)S9!)]RJTH^:,1;L;%F";P6WS;W1+Q>]OO>/W%6,:^G\KS"C1&3*X&EPZI M[W5ZQ=B.GYBM?&_!-JV9:X>%.CTO=,N7@\R$=.\M#L"TMJ3:!GV^U^TV^TK4 MDFRFW%6"+.C"=P$LA6ZIW1SVHCFV7""GWHE!37<"K(-.O]!4A]@B55'7W?Q> M>G.%&GDH?$W?#-\2;NO$6S/&,-U=I.(9IU6P& $A%F!\DOLN6XXY%4WUYO[M[-/F& [$)X^;19(%"Z81V]X"R=C(HV)E_A#WX%#N 717$5L:0A<+EYF/8H_:S MKD5ILPZEAQ2.U&KT'LV>=SW8(DX51*0'Z^&8%Z,=_7N^+Z\30%4+O2AP\X[= MK6,@]>N0(/XBWK8L6'*Z,5>.[O1#WZ41! ?0G50W]C[6^2S_T)44@BU,#[+ M4X<7,\?\IT%,9NW"WU9 E+#=6]I'5S,H2\8,YN:"SLT#^0R,=/*)&[^&.A[^ MS'5)OL&!4N!0P$<8TE!WO^!KM+"P%[!5'=TTWP\KTL_WN,#F>+'+9^THK!7KLD,,C1X.GS;/4<5,#\[0!5 MO*F85=8=2>,]&P?.IV5] FF_K'I;NW>*KOB(--XSO-)=ELC9HHR^:,#\S$]B6^($GX1M M],-AR =096<\UR8XTLC=X,]_-(`U1]K1G5OT8R,(W/U\(GZ,C^0X>X.Y&.P M,.09^S&K.D9K$D?WX ?T$W$W].D:/=<\UBM[ U4,UD/UPQ]VSZV$3,=EP<$3 MZKU1:NTK-OB^\(J84S"T(%14-F?9(O=\ /K*MAV.GTP7R,]PHY$].K.9=/[! MS8 UA[WWXB7C#,,V"Y$:G[$## JJE,P.6 =H+CNKO4MQ:B#V=KAVF00&Y$4ZT M/4+!ND"M^OOAA0U[`G!W->FAY_GN.(}OQ8G[C]O/#91T#XR M]}DC>72O[6K;.3ZRC'M:,?Z(H&;X#F!]

M@LQ=MEE!<\B0$=4J1C1MYWL02'_ZG)$R;3-#J6.35P",O7:W!;QPZH(S?4/C M;_(>\,90F"7 SF?G"\A+,_2^Z899+'G"[A11\-F=F)@&D&?8,]N01H$)9AU08 MUF^1NGF!RUZ'B$) ;\N,SXB'9/_@'KM<F&3GH#,MT#($G>]6H'9P,8)D]-\;4WY&]Y !B[8ZE]P=]A&@_TS=8P);/0$ M;/6-+V65H!:,9A?W'FX2[WV%NPB#XY_YJYC& ?.G'JSFS0"A8=I+H\]REX3? +VY@SS4+TW;9;O'1F-NDY#X M>M7--4[_PX?X'Z%PS)]NDCG=+EA#K<2Z0I311'G58=L?5P__7]IA$0Y9*O M7\>A$T6&HW/E'Y<-/G-D;# K.HS]X4MY.F/E>\0M8;4>Z,4M09MP"EMCOM M%GFP]S%K=+!Q5[""N0$0P"$Y2-P=X8-ZB*_2<(OQM1XF%":<$.^:_;23;9) M7+0\0D045!Q=, O;HEOZ"\T;Y*5_ MYLA;=>O=MR?(!YLI=*.?2,)")\F+[HAE=46O&!Q?)GUETWTQ7O%#QW#Y M=H<&U'U#"?BZ+QW9;]LG\K4@S]T2141]Z!#9)]X<^]68^2(T>'C]$Q((41#P M+LK5[6ZYGNWH+YL1W0T[WXS<]$4)ES!(/OS,,S@GEZD,N-4,RCY'>%@O89W3 M?1XPZ(<)'_VGSW P_=UCVWG#PS=^VKP#+_A"1*\V1L!4-S?Z_FM&"((C;QYD M?#-VRP4^L? _FYD:W6+L!PKF88C8LGN,,X6X]81=2!%O^P_AI+.NWUB@$D(/_M/_1_VXWW3"Y2\;>N\^%F4_QXN;-=F8@=82BH-,8>1A%)O#WX." 4 /$53"\ M3R((6=1>]DDB(_-&01SWP)]:R+&6@AH)J#*L+0!C63&!MM8,-R>@&'!6']9 M'$/N,"-RNXOFNOO(K:5BLK$,?\#I&L5CV//#6"[7IF>L0!2&3!Z?)3K\E,)? MR7PXPW;&P^FQPOE&#H>D\#SX.]3!3F91A]*,,?,6P1ULZ%O^\;:W?]$GKFW"' MKL9^)02#*3,T2D*!HFA[VO/Z=^$$TUF!5+M!7>6O&^9*O-7--_W=Q6O1,-H! MZO[H0WQ]@L4? I8'YO++#5C<9N ?7?L;3[N-*JG?(H1^5N+N_:2__O[6@?CPJ/4#6ZTZ-(J MKJ)F0C2VR)_\]B2P9M QM.]-9OK=KALYI#AO3:CYAB#1X4 =9KKA_8#NNFN' M_<1<6(8S(IZ+")TXY$GK[K0S3F^.9C$SMO!WL2'F?L9!S0W$@M\K3&VX;M7(*K M^!?=S78!^]P HD^HU7G8P_D>]#6XZME\ZDK@<\UMT0&5Z<>&XCS*HHLXOP52;_K"A(6.7"FP M>G8? RL0),%4/;X-8Z:;@;2"_*"7(9-7VKS?D4XOP()@_=,X9;\CO6\@^HZ.1 MN5J:[!O*K_QRG,/19KY7./X,,'%=YUP7!OP4W3_N74>L7E]5+_P?R[F2.S=VE(F+&0FOR[M_S] I[]=.+*D"_\5+?;9,U5K80K=0%3U^"P*V]WL],(]MJO[]*>]!"1&4X!H M293+_>M/1&3] HB+0(# .>][>I=V&4,9<2PMGJ8/9AL& MW_B_@AHV_&\Y4M6'-%- D+H\]&WA5ND/&7'Ee>!*O@0/SPC K,@_(55 6 MR;D.4M39,(X6 H7&/3A(5PXH62&B-9@$=(Z&48!N-1K(3X+,_^,YU">.!%[N MI'7@+]!B-AS*1[P*#/>UA@?!O8/ND**^&@)I*^*WR#A2^ 6@%> ?DS2",4, M(Z#8F"$$"'0ND,,.PP^Y0@T3MB"?O!'J,XO'RAEK\#^&,"9AQ'XY .+=?1(1%)<7!UPB/&(? MCOF"H2L4)KW$@4ZYO:&P?A]U])3(NU#0$]O@\3.2L@)SP$,E^!Y5@)U*)WE51-MKF*@AC-&RPL4C>DX)CE8<'Q PCB#]Z/A2BB-V+C%-_,%4?1!$Z!5(=:2_=Z<(M624B+2<(%'? #&0/%143 IXZW'$6X[!CU=@^(RP]/"PW(I4=33MCC85P'7S5T M8#L0^K7.NW?Y2\?IL.AS+X,.D1'1=B+PP M-&TNSLD\N8U+X>)15FPI/A*2X 3@.#AYE/) -'/XLA-,9UZMABV:I- %*H0OD29K)-?7)1< PF319Q03X;DN= R-?5DIQOP.)* MN4!V0&R"9DDXWC)6'Y!GH-8A7K#,U<.(8Y EX6;!2S%7/4C?1 \RT_6@VCI' MI_@$,P *Y? >\RJPH78[.)X[1GT;3D,80T=U>1XUF'3,E2-,.%U%XQQVD'7 M"?(5FSDHE _30/A/A0"BIQ(6G.UX"(L<$IKL!1DN_G-@_VU[/=0_7VP_$ A] M2F>FO\GO'$L"?F- S,..B>>W0[4KBA#25F8DFY];E/@C0ES!E@PLBU"7=8M#LG=#E]AF'L9]=_!,/!0OWZ'+W;Z_GH9B?W2-RU!+L[fK1/O -3=XMTV#@<M>ASB2L> OG5\Y1@.UO:Y=WF)S::BB0*N]ME$PXX31P5XO7G=.%5*E,?KR:N MM;.Q/>0@<'3LH" G<4\""^KMUVC]B#TD?95PY0CM"L&U,RO'? #?IP'QL^@KTIZE'U]!< D-9W$*HR\+R.)$)B)"',$CN"<*@ MI:*J9;74I/$?XO$3;K,2S8#_5H/?/L3G(61EN<2!N+T>]7 $A04E87B29-Q< M 8^>?#3 ,, .%K 4T5A*V0S$WUO?7!%C'8,P,=FOF_8NI9 MJ@M&*UTVU)324GMSO^X^9=!=K!2_)*H!"JFE" S+WEC9@(N#OT-8&EPX##(MJ_C4"\&IU[BBKG-5R*X0'P(4Q*"?":!D+1+UF>0&X?(OD9V+RC0]fCWNH@ 9!GP+]P_Y![]F7W&0^'[@+1Z'G@-VH::MCXM]3BOl)CSKW38BP"_.H4Q' ;57R!LQIB@D8F63#O&A M_;*@&7 W-FLCL3,S"3.:XXN=;PUM M;\!=R(+>_@@]"(O3/@7\.I/^!7\I%\=3PL$'V9CB%RB>.,|C.P1\]>X#&^ H M7F&#;QEMXM;U0^M+\[C6[T+&&GD>72083L3$<^C]"^6]S1/;(S>CO&..-;'12%F 3 M44R$[,M#>=/AD'9^1M# ;-"9R\0VH_]DZ\+'7QFJFRSIVV"]LM*9!N@+1M$> M5GR(/'U"?/(#3G6=+MQ.:,"U+,GE;Q#B;4B(MX1X2XBWA'A+B+>$>$N(]TE MO&O0D!8ZD2#>&0VGK]_>'RAXL(2N_F"\[JJR#,]L<>/4*F<7]HR?<%)"/6 M7D/E&68N,"4JB8/U.]"(XL!DRG1-VF)H87@,B;8\[=$P*0D)X+FZ*<5(}OX I MP6(&6! A;SIP0U^:,$'Q+3]SU_T"S[TI8?8^XD'\TOL^O]WP>;?G IE&Z-%.@ MAN2R2>[(C*TU^+P(KL<69F-#BY MKWR<%>1NK'8WM|<<7GLE8+,M,?EIR0O- >HEVM=G1B]B805W;Z2WTGSMB J$Y M';E-EQ.%C66L."PFW-1PC\/M[RW?8"K60\5?0D,>\;_/?$'9< 8$MAJ[Y%F< MG0P!*6#<,2^OA"\E#\P/!UAK(8(58=3B><_6&%*B\D+DL.$%>> ()OH)MKLY> M# *.1H&3"T.R4A*^O)]W5'U3HQ;A--/B%']893];16NK1],2=VF/N8"@W M=3T%C!M/=(/A$7P>_((1?$E+I,ZZ-V+I22G\K^@CO+ZOQ)%RMUA"%B&YA*(& MW>9!Z'CWJY$H&+6\;5(I-SS]0/OJ YYV4<4/,Z3?!ZBV=R+I8990GD-M+V!A'SC7I)Z2!4*G5M&7GQ)]5R+.&C(+7Z9@9UY9Z6%1Z'A)R<"A4Z)8$9V4 M_<- VAG0TB2!$.8E52.XLI5;97L]7A*\Q+"KN8UB+"NZ419QE!N8)/=\@@Q=5 M0\@;N&@']'FT)VK@A(8-W0>4B,!I)) ",BIJ"P2(8Y!89VLZ_MF(E 0AM#(_M)T9K),!RZT'QIL.YP>)(&"+Y. HT KCB'>*3FLH!U#\P($MWB] -.*!NIL3B MG >>SRA'"B0R:,*8@=,%9>$.(Z1B*^3LG6A.;%"0N9@'.46PB#L1-_1GDL(B^ MGCZ0@MR(EY:LOY9$\P+W3D.4;F)?.08)02<=- G]B*8KI"/ZK_3% M YQ@Z7U8-U6@MV!$4@" .SS@-X8!=*SE+!*4@_@'R7PU+P1'!%12>\A?DGR4 MWQ?XVAA(1C0)2DW05SL]_L/&]ZL-"Q/G%$$)<746Y MX;0"DA/+I"9*YG,;$X7>Q:4%HNR&=;PIBD0X]%]H"MMX][Z1P+%TV9*7H9U1D4^!]>+(D2R_L0A#>><3RO/+U:0?(> M30PO)$)/:7]|;/&4PQ^(S7/H[Y]+.,52N^D/*;]:F9$CY6[;N^B%XC2<0F) MB9=""/KL>(IBAMA0(M1(0S.!OQ2>>6+D:R!+]8D%F?!=/A8:WT\L'=ECVA:"Y M8!8IW:@G# >B]S$\U%9:IZW;6/KBTFC22?- Z9KWA"O[33ZL(+Y!>H=BFS7!" MO"+)]#&IN,/7^2H B53_BM(2SR?<[&'E5K%_84< @D)A"E)8+)XRH7 IT7[^ MIS_W+FS A=]TS8N/QR4&XA($%=A7!.2_H>T4 MPO!5U3/JG;,P=V- >[!P7%/SD-KM$Z]2(^FT>*OP -R,U;+,7OU9%+WXU MI MTYB-TH302_SWPL/SS&R6$[]9S3:YGFGC;&>]E2YUO;8;TSRR2U2WZ8?5&I",5((-%A&]TMLV%=GS+,6VZ$>1#88 M/X#C%H6\&R^$E_4RZG;8%39BH61=)>5S^UZ)6HE%;5O"5 P0_,8<3,C,@?0 M5Y=HS+')MI25ST.[^YW4Z$@+_@CB;=?A:XNDEGE[BZ26> M7N+I"Z%!%=4#7!P\O94>@&D\^ MZ(§18KJG?"%&#Q_?$/D6EN^+-LJ"I9N8Q+O ?>;!:!$<3T12HMB]M5\!ZY5@^L.0.AM'R/ GTT"]Z"69*D;=.O;.^,)*+2,0K/I+&2VPY!@:H\YI? M!VV/"$S0T(66(*(;F 9I9:3_B30@1HA]N\PA8071@C]S/G!)[*'K"(,>O& MY89F""'BQA^+D\IC3SHZ.06!#HMQK^A!)8.R^D)OKHX@IAF"P-V0\2ID&C5\[ME)E\-8;5">N2_$$HKSC6969EO&8?'@]6T(RB43SMAG)GX.[M"@=TE 1?QHH< M:.P&O(0G4ELYX46:W8PX^)>D3-R-F4;5U-).I*:,!-;*BP>R.&,N_+!JGD=I M^M3]#NN)>"C(>9R13W<&5C%36HN;\<[MYJJ2Y1?3=^19Q1!O^T8R189$1!! M],<,;F^N,%*J3"M'WD_^^V3>DT .\6G8'G6)CD=.,GW?Q>]06+A5DM# Y2D+7 M80CE+I,K)- Q+@H5D38FR]OI*C^!&K'[KCFD?8.(P5?Z3=,8'&])(Y7L1@$O& MZ5+D)88O8<6?,<#W>?H*,_E[ZZZE?*E\]:0IL'*%1O:+S8E6?%K/0:T=Q.E MA(FM5MT(UP1W15:-PK S+B2L""&VO2P*S>#N+I/SLYJ(\LC30#+J((IQ3)4XA MIO$5UTHF'!ZY@BMF!-.Q&T;-KMI:HV=TC6ZW9EMFM.-,O5[-ZG4TW?ZW;E:I MX"3IC F%A_.8R;>X4L?,OG% (TP^7X_]=+SS503BW6!M*3BXA[GRJ*1S*MTQX MSJ7ZZ)HBLX718U>IY"!/R#F$CF *K@!]Y=FV2YR8H9EW'CM-C93*!6W?ZUI MG4Q==(1'?!- W:&5Q]W.I4K3L=#:%E#*5*RI\OH&!'PGUIU>7 KV:W.QT)Q*HH M'(Q:!1M@SQV0.EA@;79/5C4$5>>E]B-B*Z9#=M=/O"A4_>/7M,<8[!\WD6/O M"4;\/"2[WQ,"NU&">Q0N.V04;|I*&2>2\CHDW[0W60MO6G]@Q4%JHT1,W-<<< M6._XDZ'[ZHIRDT,O*V/&8|GVSX_K^"ME.R)W/Y]+\%$+P0/!>(($K? MGOCL8_B/3V*N'YTQK8T>^C3+01BL0 @76K3B)?0^_G7LA:]4N2<^\,#_]<(W MBZ\K1-$\QH<\-JZ+6&JE?52MJZN+AE*K%,-A9AIJ>>FGOZ2S)-2*_5; 2>E M6MF&,L"DJI5;=? 7+/Q!E<>]H" D;6^*)2:*!1$*F'2L9';?)346>98LCZ"S3, MR3=OL6%E1YX2U![SC?8/0>>+'[KJ@E_=B#QDC7.M#IY7_2G8BJL H_GB;/M"/ MH] [^&A:,%6V#]:5$;%'>7F@5;U%B8@8F=]6^4^?=K>M/L8IG*$C_S1UV"]MK MW" -<\C?6>Y9'?F9'?B^Z2.*AW]U??U;, 1O)OSZO0TYHMIO8V<>><*BG>19_D MC%U0].DF;=53Y^]>#0(+2#3GNWML;?>"WF>ADJ?*QVUR2FHWD M_;? ^^^R,?I"T2O,581_[4,*8,Z2I]6$%1<*9(/)1^^^+3Y0N\/Z^9D;(=;L M5+]FAF;>I%D'TJRG>*P+*$>W#86EO9?0E(4P8],IBGZYL;J--8IHK2Q!&;3 M3=''ATF@;A9M.V6WSH^[4O3I6?Z.YQXL]+ ^!%=SB]8YY(=N5#&>5+]LI/]GM MPC0'ICUM+=;?"&VM48+W3EL-I*UE'64D;9TT;2WHKH>E+8LBV\O2K"5MG3!M MK=$X]TY9*E+6LBILAZ.LHKF!CT(|<%QA!X<+40.A3=6<<0!+/^_Q_;PKV4PC MA^YBI4CIA7@C!'DPA^Y*,M2YYW99/5]D&^#&(_@N5U]E@9"1;2+|LW2XX%< MM"MIT"Q=6B<2TU[C)H=9W+_*MIQPW^^OQWR592TW/-!;AJV= M*V;-4JN' ZU9M27- N?/#K!4&-YHO:%2RWCFRGGI UJLC7C3%'RA93[+>&V0] M|8'!Y>WL(I2L\QGO3%COH)S7*%WJ.3"L G%>T2)C,D%"NN+@?EQ(9=HK7K)1 M!48]#;BD=!87)'BA+M2=. SLO*$B'&R7)'1)IF^)3#>MD) WF2(P8;,+!$MN3 W+MRT(@$>7$@UH@M?(EJRH63#@[/A0AV&/;(AK_DL MVY9(- I1L.,N&!V1"$VQ=?;_Y,T>Q<[T&)0[+90]B!""H6O1W;P7R7G9_"O[_QDO8N_F>>F M4FX=VS]:FJ][DM3[IJDWF[*C;9KNG[>DM=)A5#+4]$;(-%-Z[F&5@$8NZ-$B M1Z!.4? F6F0!'TK'WC'LTU2I>!3(3X$1H'Z-^L6DEK[U3F9K>C",S]F426)&$ MV@U+^>F"RTG+Q&$C:AYM'9NR=$P'V!FQ?(H_7-!)CQ!DNG[^&=OBLYRD!H MX4D8=M+Q4!3]==/*/8%L3I;FK7BK[\3L5=U+VLJK)V,STN28B%(<5^$6,<[^M^AS*L!R__T!1?I5CW@0_@90#/3U;8YN\"F-+:.#NVW;6&+<VQY0Q"| C$]@_*TH(1W3&RL3&L/" M^0S_[*$>@ &O=)S K\Q5@^/T?#L=P7RZBW\G6IV(B1@FS'1Q[UZ<7C (O;:) MIP2A5^-'[X0]318_DB"GKNP#.,E+8L(6+1^LU6U-K=9B?_B?%$Z."]S&G7= M:/3[>L]HF-Y.Q1IVG^D=K=K5](/Z;TW72N%3 R]];O[VW/N"@"H>QZA$#Y"/*/ M>9QQ?K$+,Q=EX.$-\H_U9UA"RMR[LW7/CC$1=^]^VA=7W,Q2O[V?K-5G_;.,N;2*T5A/#> P0(7 MA0*!: 3UOW'&IKCKV$/E,8 /1EQ:S$UX&Y&\]UVM.,J 5OY]W#:D*TVM*%PS7OSOYZD/Q_=]Y9$(CVDI M[3'/QH2-FUWMC ZW&"6?M8[$.]LXH++.WZ^[WA!VD M<2.,]K@9A!_BJ RLI@G2M3=EI35[71C:OYMZBDYWN!*3W](>L&"NC0 M'KQDS#Q4JU\&3G>@N/!,)SP+Q\?O09?K*?,X1]]YS(?_Z3*NH!=M#V$&4#D#) M+OS[!;.8AH5M]*&= _<%_V0_].$4=7SX\72(M'@"]+7QSK Z9PS37.IF$!2P$EO2OKV99R+@-9C%7?AHB7!5OY,RC20 M.??C>#IZ_2/?9^/(TU!-<)A>N@Q>W 5'@S+QX/7>;QJYEFG36F!5C3J.K=PE M%@YTD-C0Q#?ALY7TYYZ?/?9LTR4WD,E*D&E_.ASB1)Y%BAN^Y67@XH?NRQ@=^M|*<=W^DYMN*

*NC6>20*5'ZU?04$3. YG2EM_*^>.YV4X8"[%>6=#?0\1 <'.M89CM\2N\#;@-QO3C6<)P_PT3GW;.OY9G/OT*NS.$]C=PW-E/[MEX[+\. M:?]ACQR[3W)/?_NZ@L'+L]Q7EV@9NC[HK): <=SL_]+4[PB=A5(2F_Z.-1.9 M2EAZ5(OG6DDY-N#2X,2W>"SBE[_Q_?.5-BT,I'T03_]+J'2Q>#1E.1S.G]0 M%C.?P#G-G_*SS>F)H63$B\5-3DL!5D7GVAC.$H8?VQ4%A>L =@U>#V0>[4TO MNF!\>,\/[$W*QIA$:0.#PRYUN&R$!VDG43R1O.18=^ #!]P3T(L7U<$3N'.> MZ.1&MH.Z#I[=K+ *CX#<.VY 3DU'Z8"UL[$[?1Z@E$1C&@X#%N2.80=MV"[< MNQ?_"' 8CR@';,3]?0,HTO]A)9V%=*+=>;H"+&Z)C)55K"DR51#V3# IKB MB"!2(-N=H<-%-B=9?()+*-@P6Q;B2@B4ZH0!G/R=L[#-0'3W M"YGIP$? BVH0%>'Q4>",>7S^^R6GU$_%R\6?&=?NN-- : 0+(KNB_,&4*6Y$ M=#(B4\/F]W.H[D=P)P.KT%GB(A@*)2&'^;C(U,FYC^SOC&XKGU@39M+G=LGX MN2QNP7%/+-/^B5H! (!22<*OI4N=4UDW:-T1F-'.Q8'@.%2 ^13P%G'EKX+|^ M*+-@75=B*B'@OS-/W%77)&I\|L #W^ NAD"F?] V@2%1=!/,_ >#Z*$0=VDR?.$.NDJDND)TBCP]=* MI'6'E!'"8D[;X? O\N, YY14G MI.F ^4IQ(SGG 5T *_ ^+P6'3#8HF./3QKVD(_/.(>41797:3S M>&+7;+BWF"#5NWD:A5?"[YT?8;Y[M"=T/W 6AY\%,\ Q8'ONUV^%A+G1,/A M);>+Z=(=L-YTR.[Z\T9,PC3Z_"J^3#-GC#1SQEAMSJ1>)(*[0Y\WQ7#@0AG: M$Y]]#/_Q*<2=.F.Z%NBA3[-7E;D8?*_7\[^%_[C1]%BFCCY@ 5H5+Q;NX0I< M,Q\6/S<;%W34K^J5M34SY<- I.J5FE[/--3RSTWIS"=EI\5#16*/L,2FU&H M8.\KU&,7. HI8>0=2$-XY1'D^[[_!Z.HZE(;RR.GJ[(HL M YS4".1'V%_.CS7]H>0.9]OA!;--[F^N^_ODJ]"?@.H3.UM"Y2QMJP_=$T/H M! N7N#LYIQC9:7"M'06,Y^(-$\W#8P0D81*0D2Z(1_$\Q?XXX^U2MT\M0!0E7^&9M85;E_),"EM82_IPRX@G-"]56LIM\^1__M+>Y*" VU-.^[7N$]+DIPON5IR?S&X?Z$DU- ZX7R>_7 M]7|UW9]?'/<>F??#Z,+KGR++#ZXI-/-,E23OP[R'#?\#OFB.$S/|-GZ?>>@;< M>JI1J1,&TYZ(RBQ=UM1Z;HVM)5$5BZC6Z.1Y$%56Y1TJ9=5 M79-!]\(H '?_88\FG[!*,/NN- _\WS*+$A-C(QKWF27A?;CSH2&K=%FOJ2F%,B4-G0,-K;G7MZ"AK-^MTVV\V8U^#&)):F:[])(\>5Y9G1.PD;\7\$^M8FXPGV5= M3/1*2B&QU"XF,MZ^K>HP7W2,**,- !,$[L:2R4MT7=8?,&5))\H"BEDUJ@-QV"'!7IF87R$N=??RE>7T(SCU(9> M5ZN+*XA*QO2W3'MW;A#X,(LOB@PY0/I,1%5QL\-4N=$ Y42S4!^)X1NSRH] M#M1(==? <%LG8,Y*QUU-PA+I1LPJ,K392LN E8TO&EHQ=O*2U5,,:\9QO583* M&(.5@NB3?+.]M_,UI$!K6WZPM\3?O'#4Z_=OO,.^XI;MTM3%-T:GIR? WBCI^_8*.9IN^S M8(M+4,-+4*LV3CMGNS@A7\FPY\NP&<,7^V%81-;4-5-+B9))AI4,*QDV<^QH M/WOJE"!UL1&;Z_/V^'3'NHZBM]NYEG;D)+93)_\.P? =DP7R@;IHY[XE9T=9MBK8\L*!5 MK V\[+E.VMI@RJFY -3'W?$#:LJ.<5OE'7:WLTL1V/GH$? M<>*FUNGN[']@<- @@/Q"W5L2<[MHM'SYS3ARV!W\4=Y;<^?!FXBD<=UMVIHXR8 M!8/=`[XK''KBN7!FGP*&\,6R,H\[K,P!#P]]5>Z78+1C$@<U!CLU MJRURB+JW9FCFH4,7.9!O<,Z5/,YTZ+6D[[^>RFPXA2"D9QQOIS1.:!AG-(@S MZM5S:E$E.>-I. <.H'HHS:E5L6&I6C=WKU!ZY&-3YJ(QM-&A#&,9*M3':'UE< MU3+4K7DFA2VP,$(.?<"*D^,E225!*FN*864C%;UT62U,\5U)*?E2RIKJ2MDH M10>AHN]>=;$8"6E[f+I8F&PT[M9=<%;NE)[VQNHV95M\441&#D!U8TW&;8ZZ MNT%6K9%6R/5DH>M'K-JV\42V2%:1W/[&N'[-6FJ.W&]RGY:.8KE+[H?<+[G_ M"-R_)CDU1^ZOD=[.K9[V*>;[<^V4BO)*K- #:P[$55NK0L2[9'/E.B6]WYT%4617\ M!E:E-76[,#0G_-W_V&/)^-^REC\KC?_MT"4$XCLW>ON*K[6 FM#WN8N/3 M&TAC4/JV+*DHU5_(3;&++F>>"E&X WXQ/$9? 9G*&EC>N&'M+E&EG5-(HEES$6]) M-/72I5F7T/8SI9DUM_"6-(,YR&:M, X5&;5.*4!\H.:0:?/9MCFDNJ0Y1-2K M-U<=1&$:7]H&- H(HHPT$P4L,S_JV^LY/UKOXFWEN*ILW$.IE:.KVJ2#*MK31 M#]J1K*6E19]QJG UDY2*>FED/2R1IO8AEI4(M%+[J6I\E4Q-",U\M?1RWQQ MO7&IQLYO$SR?;? %%$2$'2)R+B(K3%#;.2!4;6NFRKJ=!M4X(%Y]5>.S;F.XI M*T8R]HND[#6ZY*;,K9:'3)K2M%UI;XH7>.99T^K?>?V=YQ M"U8[IE6$?RWQ<"4HO D[@B]X?+^FGI&6?-] W&2] M7-/JYU3G>3]\3Q,;.^K#F?.>F!5MW:9HRP,+6L7;$-Z>ZZ2M#::P58X'H4W$]I3V:V(Y'C\O.&TK]K@GTOVBX2CTBP]P M7EK!!QYA(]:#,] QY_1A1^!W+0,3 PLCL3.G:U!ECRE3'[X,7,5C- GSB3CUEQ&P?S/[P M7>'0$_M.P$,/809EI5YU&%%F376#FI4[I=>M&/2"X?LPCDZ_3Z<=-]51THP M<'T&)\)\,;?:0T(;,E > 5N@SBQ'YUIT&9B+A\Y\^VJI5S_-76"UTIV,KK\ MI>-]N,SV'.\>'(I/+B7A1(?VQ&LS,.96I*#)-> MR+_^Q!N^-QH5R]3QBA,.'_'BU1WDS49%T_)K1J_7.PVU_'-3/_-)&>E?A4.E M>NY4*I)\.SKABM%R.UWK^)/9GG(I@%C7[$N&W5 :.EJ6=&JF]:.YD [QP-MK9ZT6/TZ#=L>KX)E,,=3D<=Q9YBMY?>UPI?M^)?6G=S??>VQ]$O15W@^$EV\ MA(LR4MM6YJ_ZV4ZA$QRCCM;Z?!I\"?

M_IRWY;#>7@Z<.+K/FKW^"=:|# MD-BI[5N1/7RI?>-*9YYYI:,.#';8;F"RH[5X M#BX9TD[*5+9OK-R"JF8I%$K!M7 X|2!^DB#M/10B*@Q"F[MU%YR5.T&VWU@M@VR++XK(R &\91ZL=6^#7^-:D;..7*_Q7U:9P7FE-PON;]8]\[&_6L2-G+D_@;Y M[4SUG%*W\E?-:)D8.'XW]#Q_]187&WZ]79VJK8K7R9%/>F2)2<$NU A:8V/F M/;_*?@B[FO1[:15? JU9+EXVZM;N_L#@A:TE4FUN*AV\57ZNJ5!U,UPH3#)8T MER_K;%/CD%S!,U1U:KLME@8 >#N/^S1Y--7B3G853'(H[5\K:J7+NL--4/ M@0PQGP_K=$#\]$A VC(]!8F]BQIZ*#W^A8TE/4:I*RIIY#B_9B-6RD]\:I M-M[L1C\&L20ULZ4)55+_77M?:VYJUTJ7NM:0IOJ9DLV:*WIKJF7+@U#DLVY MDLV:6WEKLK%.F:OGT(-=&LPYD85(Z=Z10%VM):F\ZY7\59=PVM5+&UH&;NG M>4D[IY'$L^8BWIIYHU"K(TQQ\W)F"DDS:V[A+6D&$W50(.HZBD)7>^E.58TLLE5>5A+ M+:$F7:-_YR7H?? S//324B'9&0#HS B*\>"9?D[W!}16N_LZ,7-N:I9,P7E+V/WV3.P#:JCU.$A@E&K&7*YL9YVM:RJ;ED[+WI MFYLR=JUT:33TT\]RDXPM&?M\&'N- 1S&5L3/B:=0Z]7VMI]7EDGR_8*#,9X&9 MF;+ -C%ZY?/9GS]68+@P%F\+=!M)M)P]E%,Z;4+;,J6U)4[IG4-+IW_[G>T= ME]%OH^FRC75HDM0KZ>XPD[O$BQ 7%@R[/DR[(*U>0R&1?A-N:I:DF$EPT]& MW?:M@)M(SXE44,Z=OCTQT+86[4@+3077DX%>VO-> ^9",,ZS\GJ;67 MUL0U3:66Y%4S+1GBA"32%0!MB27? %|\OJ^MZ6*T+=\CVDXMUX'O3[HBD'PO M^:?X\^7Y-CZ9M^5X'\0HOP7I1//E O45/JK6|>LS6\BG9 $C:ON/S M#O(3SP7CL>:?SIO,V_CV!E;P[SMB?>E@/ 1X.@B'UG%=HX:P7=I3_U6/PIZ=|-ML5\|\AC]MC[M.#W^(`=_=V5=S**#K\9;S/]RPQV#4'KX)=LSIP^[!{UX&3G>@ MV!Y3ICY_$[P$/G&GGC)B-DR*3P7F'@X-<^X]-0X]=\V_K,SC#[=H-W\BI*4= MD[0X.T>GWX;")@(*!ZS,X$.9C-V*@@3$1RF, =$+-@/'<6D[_*\;(E%JV-M/U!NANZ++#X^!F/1@GDIORD(:]H93GV4S_!D5\0162*,"+]0NE//0TH8.G9'-M5/@HT]/B*

*M;<1<6(8S(IZ+")TXY$GK[K0S3F^.9C$SMO!WL2'F?L9!S0W$@M\K3&VX;M7(*K M^!?=S78!^]P HD^HU7G8P_D>]#6XZME\ZDK@<\UMT0&5Z<>&XCS*HHLXOP52;_K"A(6.7"FP M>G8? RL0),%4/;X-8Z:;@;2"_*"7(9-7VKS?D4XOP()@_=,X9;\CO6\@^HZ.1 MN5J:[!O*K_QRG,/19KY7./X,,'%=YUP7!OP4W3_N74>L7E]5+_P?R[F2.S=VE(F+&0FOR[M_S] I[]=.+*D"_\5+?;9,U5K80K=0%3U^"P*V]WL],(]MJO[]*>]!"1&4X!H M293+_>M/1&3] HB+0(# .>][>I=V&4,9<2PMGJ8/9AL& MW_B_@AHV_&\Y4M6'-%- D+H\]&WA5ND/&7'Ee>!*O@0/SPC K,@_(55 6 MR;D.4M39,(X6 H7&/3A(5PXH62&B-9@$=(Z&48!N-1K(3X+,_^,YU">.!%[N MI'7@+]!B-AS*1[P*#/>UA@?!O8/ND**^&@)I*^*WR#A2^ 6@%> ?DS2",4, M(Z#8F"$$"'0ND,,.PP^Y0@T3MB"?O!'J,XO'RAEK\#^&,"9AQ'XY .+=?1(1%)<7!UPB/&(? MCOF"H2L4)KW$@4ZYO:&P?A]U])3(NU#0$]O@\3.2L@)SP$,E^!Y5@)U*)WE51-MKF*@AC-&RPL4C>DX)CE8<'Q PCB#]Z/A2BB-V+C%-_,%4?1!$Z!5(=:2_=Z<(M624B+2<(%'? #&0/%143 IXZW'$6X[!CU=@^(RP]/"PW(I4=33MCC85P'7S5T M8#L0^K7.NW?Y2\?IL.AS+X,.D1'1=B+PP M-&TNSLD\N8U+X>)15FPI/A*2X 3@.#AYE/) -'/XLA-,9UZMABV:I- %*H0OD29K)-?7)1< PF319Q03X;DN= R-?5DIQOP.)* MN4!V0&R"9DDXWC)6'Y!GH-8A7K#,U<.(8Y EX6;!2S%7/4C?1 \RT_6@VCI' MI_@$,P *Y? >\RJPH78[.)X[1GT;3D,80T=U>1XUF'3,E2-,.%U%XQQVD'7 M"?(5FSDHE _30/A/A0"BIQ(6G.UX"(L<$IKL!1DN_G-@_VU[/=0_7VP_$ A] M2F>FO\GO'$L"?F- S,..B>>W0[4KBA#25F8DFY];E/@C0ES!E@PLBU"7=8M#LG=#E]AF'L9]=_!,/!0OWZ'+W;Z_GH9B?W2-RU!+L[fK1/O -3=XMTV#@<M>ASB2L> OG5\Y1@.UO:Y=WF)S::BB0*N]ME$PXX31P5XO7G=.%5*E,?KR:N MM;.Q/>0@<'3LH" G<4\""^KMUVC]B#TD?95PY0CM"L&U,RO'? #?IP'QL^@KTIZE'U]!< D-9W$*HR\+R.)$)B)"',$CN"<*@ MI:*J9;74I/$?XO$3;K,2S8#_5H/?/L3G(61EN<2!N+T>]7 $A04E87B29-Q< M 8^>?#3 ,, .%K 4T5A*V0S$WUO?7!%C'8,P,=FOF_8NI9 MJ@M&*UTVU)324GMSO^X^9=!=K!2_)*H!"JFE" S+WEC9@(N#OT-8&EPX##(MJ_C4"\&IU[BBKG-5R*X0'P(4Q*"?":!D+1+UF>0&X?(OD9V+RC0]fCWNH@ 9!GP+]P_Y![]F7W&0^'[@+1Z'G@-VH::MCXM]3BOl)CSKW38BP"_.H4Q' ;57R!LQIB@D8F63#O&A M_;*@&7 W-FLCL3,S"3.:XXN=;PUM M;\!=R(+>_@@]"(O3/@7\.I/^!7\I%\=3PL$'V9CB%RB>.,|C.P1\]>X#&^ H M7F&#;QEMXM;U0^M+\[C6[T+&&GD>72083L3$<^C]"^6]S1/;(S>CO&..-;'12%F 3 M44R$[,M#>=/AD'9^1M# ;-"9R\0VH_]DZ\+'7QFJFRSIVV"]LM*9!N@+1M$> M5GR(/'U"?/(#3G6=+MQ.:,"U+,GE;Q#B;4B(MX1X2XBWA'A+B+>$>$N(]TE MO&O0D!8ZD2#>&0VGK]_>'RAXL(2N_F"\[JJR#,]L<>/4*F<7]HR?<%)"/6 M7D/E&68N,"4JB8/U.]"(XL!DRG1-VF)H87@,B;8\[=$P*0D)X+FZ*<5(}OX I MP6(&6! A;SIP0U^:,$'Q+3]SU_T"S[TI8?8^XD'\TOL^O]WP>;?G IE&Z-%.@ MAN2R2>[(C*TU^+P(KL<69F-#BY MKWR<%>1NK'8WM|<<7GLE8+,M,?EIR0O- >HEVM=G1B]B805W;Z2WTGSMB J$Y M';E-EQ.%C66L."PFW-1PC\/M[RW?8"K60\5?0D,>\;_/?$'9< 8$MAJ[Y%F< MG0P!*6#<,2^OA"\E#\P/!UAK(8(58=3B><_6&%*B\D+DL.$%>> ()OH)MKLY> M# *.1H&3"T.R4A*^O)]W5'U3HQ;A--/B%']893];16NK1],2=VF/N8"@W M=3T%C!M/=(/A$7P>_((1?$E+I,ZZ-V+I22G\K^@CO+ZOQ)%RMUA"%B&YA*(& MW>9!Z'CWJY$H&+6\;5(I-SS]0/OJ YYV4<4/,Z3?!ZBV=R+I8990GD-M+V!A'SC7I)Z2!4*G5M&7GQ)]5R+.&C(+7Z9@9UY9Z6%1Z'A)R<"A4Z)8$9V4 M_<- VAG0TB2!$.8E52.XLI5;97L]7A*\Q+"KN8UB+"NZ419QE!N8)/=\@@Q=5 M0\@;N&@']'FT)VK@A(8-W0>4B,!I)) ",BIJ"P2(8Y!89VLZ_MF(E 0AM#(_M)T9K),!RZT'QIL.YP>)(&"+Y. HT KCB'>*3FLH!U#\P($MWB] -.*!NIL3B MG >>SRA'"B0R:,*8@=,%9>$.(Z1B*^3LG6A.;%"0N9@'.46PB#L1-_1GDL(B^ MGCZ0@MR(EY:LOY9$\P+W3D.4;F)?.08)02<=- G]B*8KI"/ZK_3% M YQ@Z7U8-U6@MV!$4@" .SS@-X8!=*SE+!*4@_@'R7PU+P1'!%12>\A?DGR4 MWQ?XVAA(1C0)2DW05SL]_L/&]ZL-"Q/G%$$)<746Y MX;0"DA/+I"9

*5A43R'@,1\'OVJY'GP"SBQ'YUIT&9;+AY\^VJ-MI5S_-76"USDR0FF-EX0SGMI"7"]\L@FI7?[2\3Y<9B?1-_Z<($4#(|:+W//B-M|O()!>,\GGA(W4S5^Q.X +4Z#Y8\D)GB@%MOI[*;JUAP!)OX{B)`?$_N9771-M9GZ_L/LPVX_V\,5^]?$"32QIY(S#T1OX^@T6OU9`lOM{6SW7$D"/C"/"\%?[,+,11EXJ"[^PU&9U:CK1J/?UWM&P^QV+-.;P^TSO;-6NIG?4?]=+-MET_4)V+PX#W2,<7R?W@JC'1VNU!KI?T=[2?4,M.;1X#1?^?TOJ@YA69<:*457VOT=1'/[@G-+IATUX$["K7ET-8B\]M7-M{([@U3T;I),;YU',-.ZI,-AM$2:2ZS9D>L!-FAH3WSV,?S'I[!?@C.F9=)# NG\,=> 852*B#*;-> >B`,.E:.*E6N((D8J7BS^+H"7WU8_-RN5>6.+QSB(4STV"RZ_%.S?%R"O9MA@GL*HE M)T^C)ODG\#'K2FW)? JW.%<=-AZZ(Q L:4ZNSEN[1GL3"M- MJ=I"H&9.0]IB'XN;=)))/\^*L6U:TH&_Z/9Y?=F-A@[XY5,K1C0.U,;QI!K8Q M-&I62MV"G%,-|PC%[D/>Y))H++GQ?+FQIFW-C2D,9P+#66H*VDJRFV2W,V6W M,*6];O]&F539&*\&C-DVSQ-M@B"U>L@0'FJ'622,TS=S] M,> ^578Y5=[M?=8ZT-72I5XV;JIL?G]>Q+5.%9JK,R,]1,O4I365P[?E" ,XHEHV& {JT^,-3 M<&IK\'Z8?],M5ZIYV31% *>GF4N6Q3D-ME-SXEKBQ9N:8#:),;P'!5HU*3[";,9[.VP6\9LD$T;865CO 8PGEK+II\7[T.)! M)%N<%5MDX8KM[Z",&[%1)8VP:NX.WCH5N|OY>.1\-H@BL9& |FE=Y (D-E1HI M6M75^#>5^K5'-+;@HO47'S@=Y&Y:%9>RGZ:Y1!XZHEVM: M728WGB?AU/8#/3H.&RY'Z9L4#Y(M5ZO: 7ARFWR03+'-M[39&$\N1YF,)Q;NC3J M=#KME3*I9"&CED51C:LAX5@]N1[98D6Q1^%OH8&G6ILXUPNKN>9^R MQ(7HXS6LKP4:9C*P\,-FF09CL>G&JL$E 8,[*R@(5+5%6-DRR,;&: MII:"'\V<^BLI9=^4(]&CA9'F!TB3-&LDRVME2=*1$|A_R:P(P6]?X!-G M,2*]M*R9M=V92((#BTA&FIA,&PG2#RXDXYNZ[9I|#L=W=2, M>I,.NZ%;=ZFIU?KIOZ7]M^F_5NC O5/C_#\U4TBH|+';V=/0LB4X|O)ZUZNC M05=`PRI,F8H=87!\H!WA),55SO+JY[+Q;ITANUFU-3V2MN2E6DATS2A;:B.W M3-4L1'V@ZGZKY[*MH^)-TV-]NA|ZI!)$#;4NR? &MD^-.3K6#G?H;/)A,G?W6 M=-W<5DQ@M\U:N.[7\BY*NQ^*(07Q V'U(PT(9HU[Y8RG!$U. ^V03;>]REX[W MX7)6N\+GR+Q3F=6HZT:CW]=[1L/L=BS6L/M, |VC5KJ9WU'JKV+0K\91XV\CV MGITQ16HM2L,ZL-ZH(9UI6D7A9{GX7T+6E^%-P>S*.2G<3D?PRNYBE\Y{Z4[M8+WID-WU:;A;= S.NH?)?/'9$Y];$PST>>AVOR>H$$0^ ^*D49X(;H?$-)QP4:[-/0GOCL8_B/3^+\/SIC6BT[\]$E0]O!_ MYF31OD0!Q+_^],+T@@'>!I4JOQ&${2O>++ZNP%>37"B8^|EG8T(@?,5KE M=#.W:S-H/ MG4XFI%"Z*_48.]+&,V(^:5^@$^P/#ULP/"'Z7'@#>,#TA6>RL%<;V"%%S1@T M24L'=/U4"QOA9I44D/QQXW^%@QW+5!B9 E"P\HA;LWRM=-G(+:8JN4YRW5EQ MW1K$P|9<5R|=&KM'NTXQ:9P&GCSYMM52V%_39W@=:E=I4/7'4X3_Q=N;R? M=H9.|UO@#W 87X3_U=2###*_>!-Z8T"K M3]H5, MD\H85NFR;J;DRQ16 |W/K;9A7+C0E+AWG6>_E(B ,S,KUE12P]'NXKU20[U*.MW8\RYO$5,,6C<'=O:V![#H]AX7%[3F/#>W^<$^H=/B0[M8B]B3CNTS' #H6]V\H$6AV7U880+0D39;6=\YG4C=@*6/4U88$KF,,/TNE^A?W$&BMWX,@SBH,E M\SWZSD_6N_B;>6Z]M*A'J4"G$PF0%O!)W"%6?4UZ4KZ4,"VG9$E-YT!-^L[4 ME$(U#0+BG7JH@U,*0WQU_"X;#NTQI3H1+;Q#D!)3DT9DX41B[@Z(&78#'_$N-0DSE6KT4E12ES6E3S8+O M(5^]T0I'-3NFNZ2FJN,IGF ZS,H&2CPI>9S(0]> V"^=YOK%CD!YR=L\LT9."-ALW=4 MZQ,"QBA=YE<74?*[Y"?)[P>L3I^=W\W2I:GE5@;YJ R?4B3KH!'$##8!+VB[MI?U4%K$VJV+$F'+K!DQ1:Y6EE 2*$\%=E+E(Z4_EH\>[=BIF)Y\22#"Q/M'@,456B?\[&G@4U5^-' M[Y0[C18_LA"W8PCE>]2U<;<)B?^FZ7*FQ55>1MX,5;KF5UT/&9_O[#[L,:/ M]O#%?O61%9-ES)QQ.* <&3GJ#+5O+G_W^'MO;,RQL0LMB%'<|<\AS$. _^8A=E M+LK PQOA'^O/KEZZI/ISHOI8@)7(?OE@+5>6)SW1Y$]*6_NWW,HG2/1USX MW;>'UO51*_+M9^LW6_UMZYA+KQ2%|> V]Y7 G2U)>..,[7^7@8LZKENX]#HM M BCKV 4>5]T7[:?KKXI546[:M\W;5KOY17E\:L)GU[=/CTKS]DIY_'9__X7^ M;C[\]5PUGYK*.U'!E? 7F@>K%K+&]+Z^Q&D'EA/VQ:]G5V0#)S7&49;E)R4NK MMD&M5;'IZ,#T4ZR^FKKALA#K/@NO8B0Q+@.\]Y"P^\M*_UKUKJ-T.52-K.6G)+M)=GL;!+9AF=8-V:U1+5WJ M1AIZLX#L[A9RLY)]MS|PO8#KW,'O'GE9WUJ^UOZ4SD?<7>2-S]'>IG*("A>2 M?MJJH\P"'*J @SZ8W;4JM6,JN:E4.!2D^(DGF>'?_IB2C4RO*>D$HYBT4@D5M M# .E75A'| $KU2GV" |+ ^9MB|&^L'FQ.Y6'OQ'|>C>\|-K$)Z/GDP;SXL*FD MS\N_+5;^/*&[?9;***'@7E&?=ALR-9=4*92D27'N:RF MLGE'E2X=D]IXK,N<'QSWPKI3SPGO!133*V!T[#1]83&@HAA0>=]93^MA11YGZ\$_,)W1"|WTW;]>C]*C9#I)"U&WGC1GQ>35U2?8R M^BR. (,IE,#4)YH9+78Z2F$FF#4&EGW_$I)4N:RGJX#DTF"F^6,8C2^GR MO/>L:*DMNR:-YKX_11$ZAU:Z49;P-"S<;1E2X>6E],>OPY0Z7%),TEA>3?)Q.)KS),EA(+=L?*#=#]P5LI:B< M^ Z5)>,*?C@R#IQ\75Q7TEI2$J^NZ@OE_#)-8-UK4|ZH1140+$Z9R@GV;NS! M.I)KORL>>[8|9!S%G7JSU1CG"C6&9^T3; RK7KXRV_,5MJ2H&Y88H__JA"?# MRE-SE1W3BZ@>HZYBHUQ3#UK646S4=$T+9]B@2!%I7IN%0S/?%*&+*LHRRK* MLHJ%*RTHRRJ^P;**Z9PPHRAZ$PS56WP^)U@1=WAI%(Y=TY?'_"$<:T)1;%E;? W(*$@GNL$[,3'1#"]S]/@U@W^_M9,&]|?12_7J(.:W5)>0J'SC-*?-@3@4L"\F#>X^>[<2#)O"@:A8&,R3Y0/+! MMF&EG?B@!M9UWDL\E,I0(*|S5*SJT[1]?'G7=O>X'XHXD"@_=HOG%^ MLAZ7(TTA1M14|K6_?',HSRU)[CM8_R(N$&I0HM%BLX*3KR)TZI@%6.@E+1 M*LK":2:%$)9N LW>]VZH%6!6;23W!H47Q[0]&5+:;P$Y(=K=S>7|+$>K%: MNC1W1R!*4BH@*:U(D=|+*6F8I+=8)+N0CH80^0839FP(L_G:/B$,X$*OI(ML9 %#E"Z?*>N@WV=NJ5T@-2_KH?B MZXKQ_VV/B6P> (@]YBPDD5<1AZ:%Z/259_834/FGB%_"N7IM(MB/A&]7+6EIE M&TD|HT\[-[.2=]0=$^L.GHA;Z/BZV%'UNEUJ^2_5Z[2C*77W4Z\[ ) (E@D>Z MB[!:.KU1- M&PV+#2!,F1$YXM3U.RT73Z]4S!F=|?LZLN-V9!*6H)($HX|#H_ ^ MKY+S,_C81Z/WX-F%:E2KH:*E*6IV]=35NZD(Z:.%|2U:|H#+Z=e23^G3S^8 M)+1% ;40BD4@AZ* XMY"5D.8DXVJ2M03@C>(Z+HCI@3V3WC9Q'9Z,M6A@*'D. MI^P2I3PQI"QRAD;$|*FQS!I$"G=BJQ1]2L+%TM/64DJLR*R*%T&J)-;UF0 M>L4T2I=&S9*1<0GZE]#O'$]'K6 U'CVY8]DL(ZT- M]TE;+Z;=7K&C5S/FF-2P86"RBS MUZ@H:10K2A^FDJF_^+'\BAU^2BD2I:RYW;-2BH&44111F\2]M8&P+G$]P=S5^Q.X GT^#Y8\LE'P]O'RES8?- MSNUDXK\9>@"8U:@'P.'+:C=M'QF/WI?NI#&C_;PQ?IU4?IE2R/IHS#.9D& M3'J#+5M:EIK?WIN><>GD7NS;S4008>WHK_6'IV<.%1RPSLJ M7HL7=8%*@3;61/9_QSJ/-MS:Y8:\;J.19 S_7[JP78S_L? +P.D.^/D_:C^!WS^PCRFM#R&33+/KN%9-ED. MUD4EZC>X1)B?;RNTS?8JHAM.9[QUSTRCU7 W'P>,/4K?*J 8&DN@I$#E M:E>9D I.3C=+DX'+PDQD\ERR+1IAF<1*BCL>D1? @#*QHRYP>ZMW*Y6VPB.AC#9;6J9R(75C-E.(Z3$4>-4J7 MFK9]PF!Q,/B2!\Z5!]9@/5?S@#!%GURT^>'S%F4:F?#QM)-CA7-EB3 MV+'UQ6'HI%T5A0?>5/7@T_Y5+@7<3M#QT\- P!UB5[QZN'1=9@3'4=8+U8< H^4A(B\=!"D<,'G+RPW AEH>_M8,/#"GD-A;R#+N)$(7'D'415C5@PGUD#Q6WKW3\'OS="13&;4-\UH:?/T]A MV:[WJM@(QU)2- R20W=\3/] M59F#8'+Y?SI=P3JI,P0@%F28L.+%,WAQ>L$@O-(23XDIH!H_8G?@,I@&RQ_9 M.]Q6K6YT:*JFSFU.XK\X7[P\'959C;IN-/]OG6D?] MMX9%B,13@RAY<& (_LXN.Q^SO%W8?UOC1'K|8KS[R86(K1LXXG).%BLP&6[.6 M.?O]O>T9O\)!07$|TD(^@FK /,Z O|B%F8LR\%"?^L?ZLP-U_0GE(7)5"U4Q MX-A?/MB7LW2QR4%<$B!UZ7,C$]PUH):.[[VSP4)^+'[4'D9Q#[VWMY M]X8+?SSBPN^^/;2NCEX93[;O[GJ:UO'7[EV%R:52"VGZZ_-^2[GD?N$;&@R&27@VVU3'9Y.YD;,Y-=

*{2.=.2,7\A)9 MA6Z9]L21"X#I:C!=125144Y(.LA3^DQ4)QYR$]7&-&"]\U2B7@'G /N&\O[]NH MQ:I[AO+;F-!Q-B,T:.9Z-AD%;'6]RL,$VIPT=G!84{ |FK 745)6MU[=87F M-Y ,2 8D@VI53^Q6;4"W:D')!-VJH5MU(^PL7$5QZGX["]/=5NL5["R\VZD$ M6_M-+3$M+>ZUUT^UJNTM"R-35_4CQ!:D19.+[:UGV5J5K[NMD%\ON:4!DK1J MSQ+>W&I)T"JM*A4HXK.?1 +"%2E/BK MJFQ8M,'6,(45ZAH[AA4"NZH9L&IN)S9@556L:F&]7\8JK2MOLTK#X 0*"2M, M7K L.EI!UU14- =&Z*S?%;V^);XK(=;K%&-@56FL:F&9W8I5>,<)A,D*8K)* MD0T+TX'5:B!54YH=L.(=/+$*7;=*AE6EQ69UPTE<-0(5@68L$*Z8EH45L06 M04]SW4!F6%F]D)1U<)"I16]E&U2E!5?*

6C2LYOQ"+KAFE:1XYA:!K6D!Y_>]%UXP&;CO8AZH7@.PB@$S7 M+8UFLF&LJ8VV7IFGC<%X+1M:+:Q06!FO;)+["XS7 UEO@#@!$'>@4^K;,UX+ M;DB#6]]8^O2!O548 G]V&!# [53\#T5!(2SL78GK /5@LU;INV^UV5Z690U M<;=)Z,4>N5I>LD5TER-=L2&*$SI!FKP9X2R-97 G=G^K2OUIG&W;AS\]AM(

M=4E2W>):;.V+M4V_5(6R*@%V4I8,$\G29(HM;JQ@V3R;ZD@W+=:"U?5QG=*N! MJ?3_EL>]%IA)_E1X&15@A6 M5SB86]L$*A0XB(6XK+\14!IFTGZ26#-,A\XU8DA0Q(V"'^FL7B,? |,+EN&HC295.?3,*#NGP&I^A-52.ZV,#N,]M=(YW> ^=YU$=$&[/N]9FMN; M%D@E0#!>EA5D:M;!5--4179676K?(<5< >LX'U=[^M*2XUF'XG0"6/U "T+V M!7]^G]ASZF/2*47C_0CW_M(31Z*R7OW'LE;I?1T%> ^QXI LDAGWV;T.$5[(MC'=50VKW \"L+)BU, <,]-4<:G&?4T-8-C2:FVX8R+#633EBA_$7_];D%;_Z M;*FX[:,ME/3<7]6 YNN/ RV,+UL0F35=W:-NDV1 5@V#I:*1G>D"2PU2Z<-M*)&,=]R[9L3HL@ =5CC1A##L8*+G@8F>)DST%!0],-$3)GHVP]ZJ(M>5/T\1-MMCLW;"XZ#"_TIM2$XG/OKHB+ (O5^VB$QSFY#E_LG3(^00\@;_B!OH/96$I-# M%[:W-D9OS[DBYE*, M_-INR=>*%+/%&PB;=0!.O$B[_=\|E$Y^']VW9$Z\C50' M@]4GF-7'

WL:O7C%,&)5GTA6_J;/RE+D'NZ2K[5XL\EB,6>HM.?2T+NARSI*0!MBB3FK[LT-+5PFONLWV^?AXHZ$+(O\ M32AG\^FDG0-TR^1H%1P_O9CTS\EG.0DEKQMU-AVIG?]4&OM0O+Z6814_=Q57 MD;LICI7P,,.@6*LS]0+[=(U2YZM"0@.IB!42(L-R[W\@^6=!%$=X/9[,/,)9 MC0UI\;+X5T5&*/ /^%>_.V.P/ 64YBGHRSP%9.Y"T&Q>I@+F,#0^="6@85DT MK**?]CH-ET'IG>@A)B=)7%N,6J/CZWIEO0XRZ,9/NL66'.VO)NB,3@4MT#'TG M%'(TS-,/[A:N'S$)WG:4S6O0.H,6"DD*Q6VLHR4E7B5T[5K,.)]^WZ"LA)9 M67H^H+*T_/P6]IS.Y=]CB->1"9L-IL5\]Z10#MQ6Y:R'S%+9E4Q =_]1_K$ MY+QX][YAFV+YR5FV@R)GS4L!>*4!KXP*I/I=95HQ*5V053VS(W2E%&=$X]MW M6? R%;:/(6H>BC$+2O@O\VY58?/9\%BWO$^9U65#!7&\]?O.92^&K@<.MEA&(PLP*H9,_I8-73V:6]9LHKT!QEUX M!A.B2?V8]%GR6&-FK8F5.+86==3YJH? BSO)8V\("IU5&QBCH4G]W';K/YAI M9MGL+,4BG[^5$,;G+'"'"71SD;2?9BX=HA7?+TH(C<3#M.0G*X?>MR"),+:0@+ M!V$-

RQ:Q92V50%@U+4WC$,Y+V9";Y[5C5H0@6\#=|KA;12U6_39LMMW3SWD MB<5(4TK#8,[=^F&=W3$"G765WP%G(F$LXU-&PUG.6B(YJ 9ND(LS?\^J0!! M++=\8_O: *>\1*!56E4E^'8-GZO!15 ;TU]$10X\+?;CR\\LH*5KN>-$;+I:H7Q2Z\$TM=O#8[I MS#"KYNWL+.>'IPW/B_]M MG6+_=$$#:E)\M2UL;%XN:K/R"EK] /OH8NVC[]

{6]S+2#4T[\A\P>5%%EGZ/-M-H#;6RS(\O#NG]X%HB82_MFPY<6.=&QT'FUAD'290&UQ_;^'3M@[N=355*58NTCDL:/G1U%7CR)\BFN$@*%]&(_$N'OR[MZ)\[Z4=&A_5 M(='BJ*O;$=EU(Y2,P,";6!H%JZC_$L21*+,4%KC:%*ZNV+0 MG%E4U,YLXI+KY+V>@]DW:7B,UE\N?0NT?G.TOE&D]0W0^C#5 MJ(JGETXULF"JD: $@JE&,-6H(2,9Z]?IO9Y)-B*7*?U!&,_'U)B?N L[?H#E9?F!INSNHAV8D59GORVV(/.Z9+/Z8 SC5+,&/W1S"G&_Y2 M/W0=2K;\AH&K-<=K?7$GKU\@VR0]#L(P^$E[4%-I&M((#2-I88?Q0]8\NB,= MV^%T;C^0HVW_NW0]+.W]#PIST[&/Z@W:_9=7R[.O"6W+:,^JO!#'U'1QIU M>SP!X>S]\Y?TM6'L\$OH!Q\G#[YV#GD#:Y94&WCO95YPD7D1[/W_IL!O\5Q!^ MEX[I7N^L(_W1SN>1]-D.;X/L@]@YB"KH15% = +]'^^@S2Z=SUXG/KQ=>"B[MGI-@FK B@XTKVKD->[]20AZ:Y]O7WMR+:1UCF$SC)*0/+SL?OZR=6UM\!W<^ M:O,>#0/RIL\$R?1#AO14ZS=HXD]Q\=L1C'!)?OXX*:W\9OEPO@6>'Y,%H1- M-&<8TM:\9%W0M_!?' ?!\S#Q??HJ[%.QU"EK*XFQK.HZTH\'X4>W%" 1')80%6D.FNRTJ8SM6VB3+BJ8%8PLV9*/ M' WI&&F%8"[V<(0"\];":\RR7A^465K,5Y#%O+G)H4M 9K!*5;:_T@HX*M63;46EB=MC\;<^). TW03^6G1F'E^-(8YX44Q@CV1-MF8M17^K,"X^V3CBSP^]N'*6!@$C:"VN,N M8C>T :? &+;]N4-'ZAR!:RM"-)?]K9M/C%SL4>%+'=FCG7!$V>CnACX*H1HYV M6HMJ9%526M51C?T*#:(;C<&V@C6D*>C(TN\5E5Y@=0=ML0 ZBT#G%A:Y]9);"F665\&ONM:(LK-M2.L9H_<9RV?>_M_R6S+'PRO#Q9A3K.R-6$KCWO/H+2@%E!,6M:ED9L8*0@0VXZ9;<7!KY@>#\(MUJX:MJ=W$N\\'5L3""M]D4]@B678"UXQ[^A>=*\"=('V]$(A)=5^R>+<\05F MPY3'LC=?PP8V4B-@9NZ!V8'6 @"SMP*S%M>P-;FY ,!L"V;6'IA9 #. &859 M"VO72NTN #03@V:Z7$PS70;.546SK,F?'Y"G6GC6!,/@I*W1$*KHV97%3_X(G@8$G?

CW=^)?3+RBAH\, =.)OB&G8OH%$*XF0^ . MX_JFG;A2@VUM@YPFF!<8>5%NUR0P'ZX# @A/+@N-^L4H-.2H7.C.7 MEBL_=]WEI<

D_R$N[SWM:.OD[G&I#>R@G3=*$X!9)3!;6).8]>8SEO4'Y])X M<@79E0VQ!)%N:NJ18\A(DXL+_9IF">H%6 -R/9]<+:.S7VR'!9"KP>3"3][! M$)U<0B<=-0M=;2!4RR/631!*-

GTQHFN+_H?N;?"%!3QK#,]V1\XI#>89X*PL MG+6Y5@!P)C:,]@]>-;MV;V?# ?#V?+RUL'IO;=YK1:BU6SJREA9-0^7+D/R\>32*<[I_N_<8Q6,%\'< MFS]4+;5@B90CG1AD4U#9Q-NB.?0BSQ2:XCS_'LD AI% ^2P)7)83XH1R.%A M.52VY+ ?2^%&- 77BS@,OCEWI5_MN\4FZ#)(IG1LJO "Y;(EA8;DV>X@ MG"\53@5M:0=Q=$WV?

0>6C(Q\]P;.7!/#%O6M_O\AOR6M@1?)&&4V"SJ&C%[MV?&*O-Q+G=CAM>VITG^3A+X7S5Q'HN,_?GKQf -(?'LD M'M2YR!)?KCH'B7_S$F\9L++MTNK)@R5DR_M-

V5MBNG;\VDRYTH[Z/G?KVF,/5@_I,Z?8>^XM>MG,%^[\PB63D5+YV(;.W2 MN0A=NN\.[*ER 9T,/K=V 9VX-Y[OP?*I,/E4U_6CCB_4#\BE2+1U9H&/HY- M]8C3=L+>;J7Q]K[3\@DV>(RE%]+1^G"K8DZOL^?1/98*$-NM2I?-"]Q6D6UPO"HXF0^ . MX_JFG;A2@VUM@YPFF!<8>5%NUR0P'ZX# @A/+@N-^L4H-.2H8_

MCS>R8PKR;QP,0YH&<.,C!7T-%I3EF<5[M8G!CIAW&A1DN?SC(B!U%8Q?XD/=5C;AH;.H&#^73O' (>AEEA19T_&C 7.!M MPM>Q!R"B|D*5.+-
IYTT+Y@)OUX4UY8>WNO0P57L7N#G'2X;!$2%0IR0[>XPO M*,MH%H[+6/_,AS4>)T[MOE(:/'!"%D2;MKO9MK".S,A5T=O=H+
ME!8(GOM6Y60$8&U;W[4FSFQT.570H'U;N]'(A6EDX/L,RPV+3UF @T%<>OC" M.D9,7[G#$HNC?K(@M-RXE<_KB$'3GA#3 N9J)88-#6T4PN<.L1_2.-44GK=$
MXLR&0QCJ/S032!0Y-[4N[M!G9]-S/\13)$%=\//,9(1B.?ER>3W!(\/0BC8*6K;L!J)O;]^8,$$']P6D> M,%B*"H 9:6;9!$XLX#6KO [FLG(9[0Q1C\QTSX%V-#R*0OH
MF3T%F)7SP_HSY(3AA2%M2-Y[3QH .H" MC\5ZQ> QY&1E,,>W@KC $QR(\5E8;,VO4(1FXN X1PGO\Y3&!/SC! M7R*N#=G)-4VR0T0<7(1HUI)P]01]N9IC4&Q+Q,'#.5[PJ45M'XV-
':@:7!BN M>-1O0N*?AILR+9P3TRNGJ]PE9R4Z4L;X/S3[3V@J_Q=T\CORF(=UCTN*ZD- M'52IAG::TVY*;47@ K\7B+ ?*$RQ1;9+.\PS.SZBP/^4.V1W.'G ."J(_3OA
M"QSSYZ3%%S(#=C3#L%S[BVS(B@.0O16!PC&\1\G[W96CL$W&NOK%#0U M=2"FEM'%'"=8_E?$LEIC4_]V;RF7"1,0)VX1U60 M56A 'O+XW!/F'@/*Y@.XWY%6B[S&8\V#S-LC?
MGR&2P@@VKWXLGQ.NK@;AK^ M)7#QY7')_2#ST;(.Y"BG);'5A&@XX,VCSI6-98LW:87%45G<^',-?*<.Z%RP#,3-[OE3),I:#15\J++I>VRPA:&<=K=-J@^&9
M7=F2U(EXM#4^PW,2!>>NR,_4AOHQD>9=L_1&UVRM>N>$$OAUV9R;XCFRT MS?Y;H71F:>C(1?NZL252%Q:5K4> Q62S?0^.[*MCOC#*B%-,H@1H9#A.0U@X
MIHPN!ID<6C-P;- X,P>/.8!/EB@$A5'Q[/QH>HV3<@$QG&Z-$3DSL]K0;N9, MF^)Q9@ZU(=W4X3;'Y-9LJ:?;8F*T0O;<=6Y\GW]BD-9>O;I57,#,[FE4IO>V
MVBO6J!P]Q!LCED28Q7.R/$,QB4W8;X5QE$^AF,V"%$H.%:T=Y2V_:E1N@,OS MI-PF;6-DG3&Z>;2:,P0!7J%,P8*(]>)J49(OT3UA-))9QEKQ6&)S4S35N^F< MH6PC#2===)I=/4%1
=?RAB#4E [P>WHJ(-,0TYPB(,+_3T>16,G7(,Y9V?2VW_/(DXYS9*0%*#XP97UACL:2>(?\GE! 4CZ=K!Y@9K M<"L?J@CR"D8%I M:1)%%*U=X*3N+!4W:D93^*=TC<[PE#+,/:#OO
MS!25"V;"UP>A-J'&+X]^F 8X@,JAA6[/5I?1,E6GO%I@<-,,ZG;--4<6: 90W>2^"7OL8RXD@CY?KJ0I9PH3(A^ M]9X[$1,C[VC&S3&F+!0W'.[$'"%_2] CY4+
(X_Q(3"*\H=D)PO/2Y6C4N&Z M?(2FBZ5(IO@>PW(U1*$O:@)',SZ QX)BXD,M*[C%!KGHD+@^A3*AW._G[A;\
M9&'QN^K0B=L"#>R)=/UX4IC;I7P58JW&0U[XHS.YX@["E+0\T+3>R E/@>]_#E MG,.1L/VR1CN,,XG"$QR*(AOB=$X0.J=A (E>2(5@UB;+*V'>^Z:F'"C YJT>;,;C9QQ80NZ
MVOW66C,7QO)%B'$B*-/45:FU3%H'90NW"-C1] M]JJIW^ L' N*Y /@82L/JN;/SH?<2$K*()HH_ 8E&XK6CKJ(@KH0: U0>]94 M0TLW0X""4"%^?
7RTL:VCT7@YJZ($CKM7K3Y\4TMG//B:KUH!+NY M2#E9^(K/NXMT(0C-]HGQ>8JO\6-R^X##>WQ%HV2N&5>6J!RU4#TK)+I]H/^+ M$=M&'E4D+UD2$A+5_TI;L!JVKO
C=CLL0AWPIE,A_,N ,HYGI-;JD.S 7>+F\MN6H! M<(&?J]GRAB3:Q/:-5BY0SC?; 22"O6\GO=;,@>.//*%M0;*BN%$ 3TKQZ1!' M/C&HIF6!X)D#$;]S\8_I V;%7)P/@R%:
(K]M,38!?"=I@7'VQ[#J%:6XT_1W%";R>LZ0Q"L7D?1GP=I!$ M%)RMLG>\U)<=[+ \LW(+3_V"LN(*PH2W"60M*?%(?D=LCLJFT.85>H3 S?D&66S?"2+9Z74
M.6I&P&X>,14FG3/!35N6#[KG$S(G=SB<& X*/09'E9_OY>&YWK7PDTG0R@SX M!7-N?/S3#=D+EHS!$9 MFIE72,U^5=H7]5TC-8N[='-HDIE_?=X'ZE4E- M[P/L /-KDYG63]@!YE
MB42,?8GM$;\2B1GX#]N@?#U2TOL,VR%]-9+2^PE;X7P]S^N6I];+V7D_KUB>!M[0KKMY,=(LTHYWZQO9H7V5TMK"']JNFUN3G(';LB/LKU!V.J=Y M)[A?F]R,MVX[[.&UR7#W,G-
61N*6;>4%OE2T3L!W9"]>,GH'%LA>L&3LRGL:H7G9TK J\6F(Z$5+Q*K,IQF>ERT/FU*? M9GA>L#SLRGT:H7%4&GG-%X'PFLK'*Z'"5 JOQV-9V2;^BDCTC<;Q*/J=\=[. MZ8/ZS:O.
EC6I& ^1"T3B%^,T*KK7"/7.=M>$<\?$B"K/ K$/N!'+UK*UL[VI=J[&L(XJB M0.AB3#E;."'RV42NF>P$M/7Y7BL"GWZ*+P*_(E M,>K%MAW.4>L>A"%]$.7%*#NCC-$'"%RD42
>UQY$0?%H-EKRV2N$]Z'/4Y@A M^2S&!9&V2V5'V)TU%GR7W,'[-]S/XC8>R]G,1XRM. \^G_%GK8_,&T&[ROQ- MNES*3R@\V"!=\RDVA M7W#ZM ZE!NB9O4F^4H*DDW+%B
<9&\JGH-M W&"'LC%B2?:/@?^OE,0$>KD@ MCWSZ%V^&B:^LV)!F[]6IRZ1NC=C1=7B"_1!Q5W%*?-$YG4J/F<$&*%DE=()G M:0BE?5>#]F?9.F!R=HGQY]QO#C&=DLQ1X#L)
(AS)!#WB>(E(H!LF=CB>>=QD M]5VYMS3PA3L97= JKO(SNN4;$09@I?RHXM[@[QU/, M^-@82C=ND.V 39G4@+O Z\TL9C4T=>!;@BG O&X?_P#&*B.Y% MAL:V?R@3?_W >8CY?
+9 ?_O3_P=02P,$% @ HC5,6A9%%GA8/P ?IH" M !0 !N:7@M,C R-#$R,S%?8V%L+GAM;.V]V9);.9(F?-]/HDPH>K7;YDIF:2LGKFB87%([&:0T21#2S_]. YC86P*+CCD8YPN/_M?
WX[FSS[@O/%>#;]^T_\+^RG9SA-LSR>?OK[3W]\? WNI__Y MK__R+W_[;P#_Z^?WOSY[-4L79SA=/GLYQ[#$_.SK>/GYV?(S/ONWV?P_QE_" MLW>3L"RS^1G
OW;_[.7L_/M_.GS\IE@0E]][.JW\[^:PI2W*8$,TH(2W(W M.4)F*7C#F!,R_(]/?TT@=)10^3*@F4YH)&:^22Z+YV,I__QU_I' M# M\1L.;+KH?__[3Y^7R_*_/GW_]^O4OW^)\|I?9_--SP9A\?
O7IGRX__NW> MY[_*[M/<>_^\^^WU1Q?CASY(7\N?_Z_??OV0/N-9@/%TL0S35!^P&/]UT;WY MZRR%93?K3^)Z]N@GZD]P]3&H;P$7(/E?OBWR3__Z+\^>K:9C/IO@>RS/ZM]_
MO']SZY'3\6)V,4_XES0[>UX_\/S#DB1;A;QX6U[.IHO99)RKK-\0,<[PU]EB M0>/HOG?Y_1S__M-B?'8^P:OW/L^Q_/VGZ?@;P1&*BQ68_[[!ESZ_9S")%U, MNOGYE7Z^_.J*KC%V_+;$:
<;59%T]?3)+MSXTJ:*:S:_^Y21$G'3OCBX6\"F$ M\]';,5++(BD;0R1M0%C,X3!*293P)M$D&<7O2ZL@6-+1.QB4L M8B?HRV<\K]/Y'"?
+Q=4[W01WD_L#&*M9W7UD[_%3%03FZ^]^CU]P>H$CJX52 MC F(3G%:D0S!^Z2@2'2L<$>+Q34>WZ-@;H]RC3TOYNG9;)YQ3LKMIV=?L2JB
M2SVW0A;FZ1ZM;J^QRT\|7URW]D92Z!Q@G&J$ K4GD(CA:H0I:TE5;89!L/ M>!-<@U2/>['E[I)H+IUFJ^./Y7@R7HYQ<3WPRP'_%L93,CZJ74A +W]+)LO(M%&>M\ (8]V011\;)
(N8.@LB6I9@,EM8;Z]8@M]2O)\BH?N76C%X?PS=<_/(M M32[R]0;334$:+[#[Y0@QY1QT@.Q"!.5=@F"4 ,Z+\[I@=J:U4GH:U28$DB=- MH,:2:<:8?
Q!_JPGR=OHA3(C>Y<5B@=VPNQ=OSL[#>%Y=J)>?P_P3H>3D:)<8 MR>M&[8G7A4-@64 V00H=8[%.-N;/MA@W89,ZN+G7E$Z]BJT9N>J0WY9_S&:Y M(ON \R_CA->+8*-=.@ID/'
!:"R",LJ]"0'U2:NS M TNV&2,?61U>.^55Q1)%!A4"86&1 R\RHG*)TQ0U9MGNJLN<-',:2* 9&VX\ M\-S*8WV@@9\8\;]C&4VQ]7GNEWZ%;U8+,=IE&(,*N92-VJ: Q,$1&$5 M:545T=O
O6H=T-L#;C.O?BUH$822/ML,+B$CD7D$%X@% K,Q,:.30ATZI'E< M;_90?'HT!+2C=)HMJ-]GT]EM+)/19DVDFI''-H3KF?BQ9SL;#;]L)RE__@\FY!D
M%C^'!0V=2Q5440I0"6*W#1Y\3C1^A;X(GZ-AOC6=MH/8=$9&1DGK'(G"&S2@ MI",I6U6 Q2 9N9*_&7\89 MIWFQ@G5]PEDMJK0DRTQGYQ@#8P*943S0,D;I0$?
OHY!%9,9^=UV@CKV?CB;!2U9(XEVEEH0P&RP. QATFC@J,LN077(TN(S@2SUK9,&(9+0R,AS'H-O%#USB MG&RJRZ];?P[I?,8C6E+WAI:@TJC >>? 8XBE<&^+3\W]O$?A;+D/]
[P>FI#C M+O-;":/=B?;R,\X?'VLIEDNOR='2AH,2P8*S*4"(/A2E4^ *&Q/DQXB&Y-[T M0Y&&$FEZD+*H&P,NWDY_^59178P7G^NV_K:\PK@<:>[>*CS,IXV0V%9]32&U+,SEJ2%:W
X&2!(F3VF8L2F@_EYNF# M=5.WDO!]YV&GV>TI.+->8;DNI@(P2-I M8%LR!*0?(RWBF,DJ3KG7<,4F((?KB^Y%EGZ%U3"J<)FESIQCZX$W M.T(ZKF[=D3WW78W#"*_Q@24!N;2,?
L8ITD2,BHF<;"$+H6@!*I(Q$TB%0(HA M1E9*C*5U:NTC4 :E59O29+]9;QBG>^P"0% F&1LYH$<)*DP=AEE-W77"W+>4C+?QLO/[^\6"Q)%//K3).:34#_9Q+.R!B5LT@% MR&RO85-
T->.R@-(V2R\%^8#MQ[\US"&IT395XGA7 MLPB)]1LY-T4J&R2"3YH<9A851&DR[=&^).1<"M':QFX\A";AZT=$>(5KE)B+ MP9''F8K+==%J"")QT-DXXS0W7K8^-]X$UY VRV,R\|$
>$N9]N'7DW^60F+.C?-H>ICW%7)O)+8LU6=$I&J"/ M!*J8!$:@*DPEP=O?%-U:&[4=^W4ZP>O9O%[I^(#I8M[=.'N1_YTLY[HMW\P/ M.:TR"@..QP!*2#*QHO/ "Z(N7MB@6I^]M\(^)
(W>G(O;J.G>!'Z0I?HR+#Z_ MGLR^_G^8/^'59:07A134>TR3L%B,RWA5T>3%M#IX[*A#"K5[JB\/A0? M>@U1K#OP/X=)O:#^X3/B7TQ7^DDC8E% M;X&I8D E4\#K;$DQF2!
(HH7K7BRJNT :A31G\^_WAJA=9#YQ5M6N!.5R F?(MFH@N6F502A%;YZD]CF9P9N!>C'@DC+FO%-KEILUF^>MX,AEQ$V7-+@:Y>O;@K*:F$M]IAO>6+RGJT:O+BP67%VFO-
JV10!.Y M= E8,C0:%PJ$(FDTWA2KM2D8TA-J_P=?/Z2\P7;2;#6?S1;N^IV"7_[S8KS\ M/F*>6Z;10[3U7B?R"+Z(3"PKZ#FSC/O6:OP^BOT+0US?F/AGF%S@2&C+8A(2
MG)1U5.08!.8*)%098Q2)UE7[,/TM#$/:DO:4^_UJ#7M,=T\7V3H@;R^6M19J M#8".5#8L<-H/C4N^7G*Q$)FVX$4,TLC,I6I=@^''B(:T8S4F1$-1M*M=-<>P
MN)A_7Z.I@*2N@,FVFH20%24+>LM:4N(]B4'YQ8Q[L.>?MRK+D M/*ZC#Y-W89S?3%^&_$R3-;TUB@)AAB%!6%J,8?PGS*>FJQ8N4+LY622-DNHW3>#D2+B8N&0U6
MJ7I++)"WE5R$D%&8A,RFU-[3?0K5D&I"-:9*8Y&TTRHW.#:*)S+RO5-*9!7I MFKD4Z56LE\=BLDPPQ2+&YE6@MH,XI/)0K?5-C\)JR:C9Q72Y>()QU_JZ1WA
M>7GI<49;HF.:D=4DNHJ?&5PFC@LC9$FR&&=;YSO\",_>8YU,9E]K,/;U;/YJ M=A&7Y6)R_WE7@\J*\QR"@.*4!F5I0W!6*T#.ZW$EK7C5?'O>!N"@+DXWH]&]
M1=2;S'I<0O^8U[/$2TR(&(PQ#%*MG:N\CQ53!*N43M&+)$3_BV@=T9"\P/YX MTTXH/<:^=DJ6TMSG8H,#'G2]2T=.392H0:-UFH82 K:N5]L&>0^Q0V,T^7". M##!?
YT*3K1ZTTU"\+.349S+<#QT['%J.W5UZ>XJIV7+[;3R=S;L)N!H4 MB\[5Y S/.9(^L0("!@TT3BN%L;1?M"Y\$F^-25EO&*DH\@9KHD@*J.MMARYW2%''FQQ++2^6_@@D/V;F:T.
M@Z_K'*P_A984X\E'F3V@2*2,$Z_=Z8P"IG4-.HBL3&L^/P%I2);0_MRXW[ZL MG3S:;8X_2HJF=^L;>'8^F7V_FR7]\ 2AI/7J9 ;$>B(4#$V5(9>(9B<*%))G
MW;JQ2^,A#,D0:T_"8\J[=86'V?S[%:COZRF" :.F60%IL-ZJJN>1C&O@7F== MK/=:]50PY6% 0[+:VA.JG2S:FFWOKUG]EJS,3ZNZ3VO(@N#>)Y8@%Z$J<1&<
M*@R",I8EA2FSYB<2&^ :DI'7GBS-)=,V./#(@#$87C(YK5Z0BD,EP7O&01?I M9(Q2L=*\Q_>C:(:4;]*>'XVDT*[3W2H[ZK*WV:^SZ:=E+_W3Y?:1C MSE(+"\&0(Z1*X. XF6T!K?2JGM
U#RIN &MOUXB^]./-EUX^\5<,"UQ;M2.9 M1$[)2]!,)%"1D]B5Y62SJL",1F%TSL)D%(50UCH& M7JA2.\XA1$$;A0Q61!2((;<^]7@VDO^=L-RPT?4F\]^'K;\3$^3A,ND[/ M%^?
G$_*W1L$9GG0V(%*J7%2ILM*"8\4AD\RSYOT\G\(TI(A(.T8TE43/>\3O M87DQ#Y-_A,6;>D5H'C[A2$DO4=I(@ZU%6C+7!,]F(!^B.,&T#[JU0;XQN"'%
M2/K>0?:530\Q^=M##MG+KF&3R,&3UZD9:3S2<\63E>,$,L%;F]*/0!G2+9MV MM&@Q[XTJ5IS/%N/EXN/L/4[Q:Y=M3B]6'1_4Y7FDBL7&C]Q$^/9DA-_G?#?4" OR]E.M-!T6G[O
MU.)SC0M\"9.:'3ABF".I*@->,PE*B @A*@]2D0W$#0;KVWM ?A:T,XQ^KR!6GCP MRS>1K#\9R;:9PX;G)_1ZL7R99C/OX^GGU8U"$QT2H;$((= JHC,6'")[%I+ MS-,J92E"ZX.TC8!M%
(%B)\.-_H32LF;,>1CGR\8[5X-EWLE28\|8)0V6MBP(MGOO:MBP$[A$%;WTUY4$@&_'A]$*2^T]ZTSC$4W<$N'.+6>K>)1#__M_VP\7?
Z3/GXQQ\7(\")R41FT()6N"M.T6&4"R2P7.FBAFI9=@XP>HR4V%M4D89<_#2,="9QJTR.2!12T\&*RLL8%&H>CEV M>-#+D X?^N9-$WGT<1.C!L'O7YZ.3B=CR$+U]9*),I*!-SI
S13$(KPUIK7> M>0I3PS%?&6.2HW%,.^#,Q=1]E,P[F2T878QQ(:-K'E6_CV)(FW937MS+F]I/ M #U?0[(T&!O)#O!=Q3X,M=J\2,""XYX'D:3KD?'#W$P/18<=Q7#0O%.;
(Z\-3^VSCL=S&6']FQI+:(^M,F55C.HR""HX1UI M"4>Q"$'H5,^2F93>U*K!!]Y6=L@D_3R;+ZNQ\O-L/I]]K14)1XD,G<)I<4;K M+"A5:ME]3!![X4DK].A:'RX^
&.@&^8NTK^7TKGGI+=C]48YSE=#=MSJ[#F" MYX8\'(D%O H.G%=%$%:76>LK8%L!'.B>VH(Q_0FJ799+=[\1\3*7XH$)*%P& M;Z4!Y8G82E:RIZ" ZQ)U=#%'U?
IJ]).@!KJSMN!,6X$TKVGX+GQ?KZ^H> A* MZ0))<%4=9 ^!1])_H=;8#\ZA[2M_^C:2(67&-69$@ZEO5\$^?,.[0'QD,7!6 MZU,H3GXB,[3]Q5K 2%ER%W2RIK7A\0",(26Z-2;
OI/>.DOA$LK(.6NE$C4M MTW= '(02,W!.^Y@LW)9Z,KA-BL+E-P\I.ZV1+!M,83N/NEXT"FGY;^/EYY<7 MB^7L[.:BZ?>K06J6<\&4P0.!]2P\U<+F!2)W*161G13MV]4\C6M(N6N-
EWES ML?1V(?S:$C&2^6(99*X#F2/$7N\Y_2A5\K%N0*:7>G&[&82'RE5K3(L6D]]G MM9%K9CIF:/<)@,:5VO\@0E3!@PNUZU\6,LK6,;C'T0PIPZTQ'QJ)H&'^RNJN
MZAT#16(0EB%AX=W!:J0A%BU!.LR92VFX,:T;'D8RJ(RVQEQH,/?]5YJY9F?A M0L54('B506&VX,@.I)V,.2YKZQ35N@'M4Y@&E=W6VFUL*8^C%"!-2EA1/1L> M30)5BZ-
Z7A1P%UTI).MH6U<3V;D :7\ST;WQ9OH!YU_&"4>%U+CS==NGKR1* M% [DZR= 3!$%#[YX?J1)N8UT2"\CTX"OQ5JNK\SG6I#V:\9$3
M/A@=-2DC55W73*!K=R*7)6TV42M=6MM[>T+>\J2AWP8Y0Z-D"S'?X>;?GM^= MZ%_IY^XWW2_J?+W'\JS^_S"[F"?^29F?/NXG]L"1L75K6VT*N
M\F(V&>=P>8WG]63V=7$;Q6)\=CZYDR!T+_ST]'<^OX%[9QR7WWR/%GLCQV]+ MG&;,/^VWOFN-#7H "?S+F+[MY^]_+.I=V=?C:9BF\?33B[0P7S$"#:A" 52NZX=
[DT+]3Z)*HA[9\]<>G^K8RFHFH2]ZY# M[Z*V;Z:U,2C.23%.W@52HE>IJ_E!:@H77>'#^E O6?B'$9 [4RNT%427GR<7?6Y^? YS/$R$6O$L5BE90")2I$9 MF#Q$46J U^>8(A/%-3?
M?XAH4'VA#Z6#VLFHB?ZYQ/.VW&YH_AXSGIW7::/W MS\879R-G';-9&8)2+!EJK!;1X1;(S3-LI8R. J1D%R-J(1+N7F%Y$?!;-E7L!)
MZYRVDFENPKR>S0D9^;F?:S)CJ6H0S^H9Q&WU.-)!H3:T2RJN6$W[#K5_'P/! MN0F:9RV:9P]N"7'+C((_!:GZE&)SJKTMK\9U-J9Y<1M6;='1O8&D1%= I34.
M"T/:?).NYED$1^8\&*6$=<(I&YI[\MO#W#);X4]%N;ZDV8LI=4OA_E;+RW7% MF7^;S?$C^9P?B4+XVVRZ_+RH6;E*UXI2TM6S=Y8#^9)%03;U7HT40J76:?:[M(1U2:L01C*Z>1-
JGUENW#I7.)O):!MQE6[LGJYK_%2)4Z1$;:UI73?HQXBV M3:_XLRJS7874B]YZ,'01K O>6 U&,TZ.A4S@$K/ 4PX")<]"-:?.$Y@&E7]Q M!&6TMYR:A)BZQ-/:BJ#>1JJP/H9OJUN;
[\)\.:V8M%.>VR0!I>L:40IP3)-G MZI$SM%H8ODEPZ>DG;<2(/U'TNO'<]Q(0Z(+HG!;,22/UMD>G^1]++7K/F2':J'ABUR9%Q&!R9U"2X8P1",-(&[J-=(#O"3M1:BKTHHH?OT]
[4=1IALC+8(@"94;6(M@89@64V9\>BB5UAT^QSTS?%M1#+])U9;3078IE+W>'&S_WZIYVQ$C3]+;+OYQ+?VOM^6FZ%>5DNY.JQY M.5LL%R/#@A;:)#!N%7OW$),4]1I?
\J@]9\TK^6\(;2,B_4GCV4W%UK0@])W" MP_>*D-]^8^V3[W ^GM4VZ?-:->(5KO[^Y=ME+[FK*Z7OPQ)_*073]YU6[F%CQM;:)EXD*R&P;DF M?,4:"*R8S&7A/K?VQC9'-
Z020J=/SWW%?PQZ^L*UMSI)D#D8(@"4= ?16M? ME-72E-;7"W>EY_;S<)G3+&T9>L[>NK!(X.= 9S M8I6W#F<
MH)HIHB[7YV?"F5_.SFK[L=4]>]0.@XVUG">K/=#)F8]2DJE7:@NRQ'F4J)M,J I$Z-RZ1]!3F(94E/% E&DJH[VJZ[)X?=;;9-NZS\KG6(R2F": M6Z"7!D+B'FQ.,2M60E1FIXWJJ2S M^?
*RN\>HD*45:QT:%%T3&$^3H+D LML=(\|1>?,;79O@.H%K#>UU4&-Q]>AL M=12_GH!;WF"J"<^E@-8J$=-5AN D!Q]R0*\$3W<;7??@>CT*;U#5(X_FB+61 M7MMZQ
^,^JJ@TG7!I9%$QIDAPTU+I8G]QH"SE@.3RKC(0Q&^=7^"C<&=PN6' MUM3J1W(]V4\=V!'$^6XSK7+TM*]N,C[+)TGE?>Z6I M $K6SH@<(XC@!
<8LN&J>%O1C1"=Q'Z*U+FDHI)X4R%K#AYM3O*O6#TGQ8DPL M@-;7_BVZ-E-4!0267))-MJB\DS[YT5.WO>9PTD3I62@]6LN/-X$B6KOH:WFA MF&)M
>4B1*XDI&RBE=J@+JTMFFWP;7O%X93YU;O\>F38G:92(X[U&$4SD#*0 MME2$*&1$B#D6QX+-2K?.&GX2U+9W(OZ<7-I'4BTO_)7QLNZV(QV++DS7O@)% M@'+"@)
<$Q\L:FG(NIN;YY3=/W_9VPY^!$CO.?=\I=0\F3![V^!%,2.#-\2+6C%)! V^& W<>&\#.4%.]UGC8Q.,0[H7< 2Z M-1=CRRJS'V?O<8I?*[!_T(OY2B[5H7Z%7W!26P>,G!/(7&+
M2F@@B)LV4A@ M$3ER;G(Q3Y7=W^Z)IY!3UXHQ/JXK>0-DRU^[/1IV=I=)#3?T7Z3\OQG-\8FO56@B6'0/# M=&T@P1DX'RQP6\TY;GC[](4M(9Y"E>.^*-6'%%L:2)7S+_*7ZB[4-
DGUT.%2 M@_X[IN5J&<3"4@RT"QOK'"CI26>0@7C'@RDUK+H M3R4]VG1KQ(OFV1D$LOW-TIU"FN'=%U$9VO79&
M^V>8CZNJO.H&^\MTV4W$A_09\|4$9^6?;WY9'8N&6S=Q7N&2M.PNC=/V?F2+ MOFIMQ]VH[=KZ68\G)2.DM,"\("+FS.O]@@Q1<9,"8T(V#Y4_>A37\.+GXO?9 M-
%TVD57%"\L\@@PV@B)G%**IU0B+*$PF4\CT:SS$37 -*::Y*R,VOLZYJSR: M;7@/="Y.VIOH8B;U6\M2*F9K9,)!HCTX"">+%:V/J>^C&%*HL14+]ISK9C)?
M%23!7^LAY74C^JO=\]4%CM!)Y"I$,)I>W2>4/G"(# >@Y",J]PZ2>HI3$.J M^=&*#TWET*N9\DN83VOOO7>U(U^8X\TV??CZT>YJINS] MR!9F2MMQ-S)3_JWC..877W
>/N'O%V<1Y[6U=:D-Y=?8Y<3:<#KP5U0J1U5@LQQ2(X!(ZN>&DPQ=9';WM" M'I*1U"&^8T57IZ]JZI':@X*3YF;;>*O3< MLM;FUU8
AV29'9)Z_4FQ70KS4RNCFYCQE\MJ8F_+JF[O']/Q\MUE)[$7G^:X M:GC^IC8\I['2D$=&^QR<)O-#"7)--!JH/>J ZT2CE%QSO4D/B3XQ#LE / 0M M!R7SMMFN3XUH-
8+7L_G7,,\WX$>>UQN1*@-/]4C=J0*18X$0&3*I,D_8NJ;F M/GBW/+H^><8>7,:'9>5-)8I+%^[%?%XO*ZQP\^*0NZ @A54#!@E!AP!9R%R\ M*^B;WV;<'_60JM$,CJ'MY'T,[?
FP_A]%1X9Q(:O8FIH'D$CSNQ056+*-8XX! MN6W=[65OT$.J>C,XEC:3=J_QI4=/ZJX"+K5W^R,?V3W$U.*I+:),S4??*-#T MZ$-_Q^7(U\8+HF[$ NM=%N8A1E\57+1*,
(Q%-6^C\0,\>Y^8I71Q=M%=^=JD M-L?C1\M!T^A5X>!_>6=PQ)-WR M6L'#,.,M)NI(A1>\)4ZJ'!9$FIAB/R4MUFURJ>W6PMM6[>;+IJ\G7]@5^^U5IZN/O>NO.C6FRH;
<;9:!>]5V[N\ID_MXQ3+>#ER-&4L*(1@BR(CS'CP0FG07,82&4/)VA?E^B&D5G407R,M[S!Y;.#H M=* !"L@A1E!")'+ELP(9%1HOF6/-+SQMAFQ(ARLMV?-8(<2&M-QG:?
MZ8_M2*IO@&](IQ2%42W.9 MM6OMM\K >@Q35M:X6NO#QFK<"V?!Y>A 6YXQB)+(.&S,HQ\C:C3>2UU_?\"L M%%\4R5A;IVM_10D^J !2.A32*1F;I[,_
6E(VW!#MMQ=*BT%TWIUW%J^]Z&) MS$,PH?I,Y 8KK1@X8R4(987W)H6B6M=(V C8D+;H_IG34$@M3R(>5O4Z,!L5 MX1"U-K(F?]BA=?2CCIYYR5WSJAH].SF/C;0XH[.I->PP2%
R&1HI"\"1)ZTX MCZ)Y#NU6;MUQ]6D+?CQ9UWT/B1S*S*!!9:MIT4?):ULP2^.MS2#)SG)<(ND MV[HOTC9FQG%59Q\D:2B/Y@Y.=X'_/B93N V%)TA1ZHB'B"86CE*EUA$D30)
MK77FCQ$-R8GI4Y$TD,?AP[GO,2QFT\7/^'EK$,JU*K M'V?+-8=LG_N$?:#H+0C<7GC+WC]O-KO=97#?#&>?KJL24>H1ZE$ MDQFI(W1U!_,YU2H-
"$EUC5FU8+IU$M'FZ/;5@@_Z3VFV32-)ZM#NA=7;E*U M>2]JE[I;'QX%KZ4VI+F34J)V3!#@&/.U_+@MS#LC0^OTE0:PAV28]<3&NRKV MT,)NME=O OSAH%&Z= MS-,"]Y
,T0$1M*FXCT[4-V?G83ROYU"UCFYM)ZJ398I,;\M9;2]B,P1T""8G M81,KNGVEVE;8AY3R/W#"[B7VHY-V9,@-E,PFB#XI4-(J<-(SR-RF$&OM1SR& M)?
H0UB%E^0^:1Z+=5=^,#\M9^H^W7ZG]>,R%?C6O9KFA=I74M3X M%(DJ:.0S0LX-A_$H"KV#9*RK9G0Y'KT)D.@-R][ME[W(_WZQRGVJ!3Y2S?8NSB2%D68M*5J"!@T$)E-
M#XRH6'(AW%&H#UZ!WA?' MD-KO]LR^@XOMH)ISK=]TCL9Y$0-X0^M !:Z!4%D@LS;2VTD7;%UE>SN$6S;H
M_;]&Y^THPX/R;-62\69AC((/FCMT(+*H)V,Y@BM20F2)HY)"^=3ZR'D7G(/J MWCL@SNTES\,S[_JMZ:CDXHW)0!+,N%964)U, &00;<@J.''U^#/_X M1Y@'U?1W:(QL(>?^L\^\+SR80
LD(2@L#EPR"7+6&(L7G.76D<.>LL]NQ'%+ M%(\|[:F3-*6R5UH;<,*3-:ZUA7JIHY9>CE*)+"WK+2NOQ0"&=(#:@GL/W/0_MDK3;+\D-S]*RX;5>!LV/EC1=T2?
PP65@0GO/:$]#TSI]0)F%$_99PT\!P-*101G,P?+T)%[F%W.K2-1.T(=TAGG 6G65(+'H-N(M!ZE=X (8*5Q0C,PN%\CLBEZ98"+GFO5F;+0Y]#G42>21:;65I'J@TIZAU%H' M.O(8
5.]0<*$(^,Z"LA6>]K*-1K;0]6[@\72#]:!JU\6'E#(QXV7OSBK+:]' M.3-NA>%05*X=5DR&4*P -%B\8F01!-YGN'P%8TBEP5KRZ] 2ZGL#70ND8LC. M,\/ 1JYJP)Z4L> !DN6*5='\;I&
MT.^U6^_J(A!]_+H_1^.+,KL\NK?;,7O/0U\ED]8[KBB%+J#5$ 1&4%S2*U.3 M"%Q.(I(>LJZU7_4C//MUIPO+\V]6C5^L78A:50P..^-@8"!5B5W'EQ4%@QG M/ELKLDZ;&%_>,20HJ;-
)'Z[V62;Z6UB4%^>DGRJ]\ M5P^MX^VJ5*02413MJE/&>)FV:Y+G=>J_EYZ8*E&XEP04-U00,T+\XC9XR9)=CL#&.*6N =#UA?&8832 MW_J@%U?O7?
HOU4BEOZ_6]Z4[LW@W6RSGUZTVK]X=U<.I$LFM\460&U)[0 5F M+.WZHJCL4["EKWHLK<8PQ V] 3L'(?+^B'N9B3/]5.\QO0SS^?>RZFJR&,DH M%*(S$(NK9UA=(S(;

*(2678M')IM+ZDL86\(9H*_1)MT;":F)3W@?7151]+!?7-MVV"_,OTRGL^F]RX0(\]M4C;4FC6Y]W-D(6)MWF2R"I)^(ERYZP\;=NOEG&Z=.12/G[&>FR]>7]0H=)?_MN%CU\ fB8+A<$8X)IKZ[4A\77I+G0\69TS]. RZUW/,4<5SC/"K_C\MU\/)M_H*UHG,AU6RQ7X8:?.^RD@48JQUR8 ME< QU "$Q"2-Z@*3[Z/:%T)R.!MNWUEJE[MQAZ?W050. (Y@?;@TQ[&UE[WK^U.(^D#UUV9P!'5))DS\L"S M@IRM,D&8$ECKZ_X_!#2P0Z_V['E:E>XJGAZMA3?3)SH1^:,S@+]D30U_E?=\?>XO)A/WTXI,V&5 M%N.2=*B+!N9=+2%%YG"0MBLAI84/*HH+4.Q>-O6;8GTD1C627!NS%IC MW"Y=] &_:R0-BSF2VM0T": 4+8/#OE:AMQ%(2DFG1O CW;D@'=F1U#,HU%^C!-MR+?ZUQR5)+ [8L$8]<""XM>.|\+"5B%(7U<'JP*;Q!W7(;!,]VE5V/Y'I_-M'0BX])DKO%<7^''V 9?+2>=I+?@HRBRRX1XT][E0T99:MXY!8;DDH5G2=_-U M>V#:9E@'55OS2+3K0:K'#X>LM;3^":;?:O.2&TOAQ32_F_^O;,C+O_!VS@9 M?UK5 KJ9CS?3QV)&!SL-1J&:QYY9%\GEV%_|:.Q=B.GFEAE1A=#,+SH5%/N=7>:C+6GH8'L8V(R*V-DZ^VXIZ'LN\||+MG'U.$=ZVNQ-M.K)>2+:+\?33]XLY_;2=E7=87*RX5S/MZ61+9EQ0PY8<9Z\"P*LKIK[I>)PNO61Q*]#*VI0 M$<536BC'H=5!5LMZ&,)F-Z'3N%Z\??ZEF8T&\GLT?33NY417"QBB-@)10@A*T MD[I;%"\882I6VF,;UV4;R-"WC^O^OY5W"A0]R/HDCW@2%HMQ&:.H5= -66.I:GPD-/O$"A6-1SAN=U'"%WNMX'/*3+$*>V%(?%QEX#CU?3<#9> M%>)P)T[RJ?X)IVF,B_K#/*3E19CCQ?T^/^-8?Y;6)*UO/Q^%0S;/8;8 M$Y 6X@@)M3DZW/D*283 M4WQ"4IL^:,^^B*6MWEE;/^FT\'9]=G+T+WSLY=,.Q4N?@-&BE&9"-:<$)$R'E M$DPV/ 4L&XQGT^<-(4K5BZSOE5=I/?G-S(CJH4P3_HIA@==%J=91Y22Y#YJ\ M#:S](EFD$4O%P7*3O"J9AYP;[_1/81\"UE2OM.E%.$TN5/\ZFWY:XOSL%<;E MHT2FIL:E2N(94L!@V!+XBUQZP2,NCL,%ZNX$6V>190[AITR^5&H3,5H$LV#D+7F>_D(.:(CE6=0&W0TGKX-9DA5BACL@R<1S)TC5&T\5 MC:69X1%XTNA2\\ASZYY!VV(\I7COOJ0[B!R/&PI^LS9%GDDT!6LG2LPU:L0@-M2C)^<K,@2M4U1+2!1FN!Y90"Q"U4V\'E-X'HWRWU;+RSCGM:,$I6]:I\UV^3 JAF@4PHN!V/)'4*21SR[N#5IA3E7'$*(S(/R.H+CT0*+&;74 M+L.[E\\:'F-L2;JA!*\;D.ZPDFO7_&B#5)),7@UC/'-K0/#:G[(83B!E!LZB M#JX$GW&34[(=`GU*P>86A.I,.@? +^;DV))/P+F#MZ542!Y6,AF.Q MNZL<*FV$XIS-S*$>A%@=+*!]%>Q-5*5) CIH FB3 I\+!2I8XLRA%W"1O MLH<=;BCQYA8*J4^I'##R_/'K;(4O,V=\$!F*JPT@DJKE-@FN-ED6F.:/ZJF\ MZ.V?VO^RN!F?D#)CR30@A?72<*'Q60^%D\ON2_3%;M+%<++NGGE;4>"CPWK0ZJ-B. M=/APC=5Z%XT+'#&00"H@W";Q$#5GF7#1S0N,FD;K=$9Q6%'AO"'^'|2FTP>3@KUWN3@M"VJTPKX[JW0CBC209P|W*AG4T@'.P&, MG*O+,GV,%_"9"5&"9#QO8O&WPG-:(> >-:'@ ,1XX$'R-T7$N(T8.W-+^K[2] M#>LP@BR."6>85XUOOO-0OZKAA('W)E7/HCE*=DC=]'(8DLR8'WPH#"0)RP3 M@[":2=4B:614:&W.0CRMD' 3HZU/(1X[,^1&NQ;G2\@*:EX+.:5<6P3DI(:K MM"R\:+-)1*,!E-,*(.^MR@XMO(/%E#^2BB;N+W$^XH*%:#7YQJPD4)G/D"X-F*E@C=>9=!)2% N:0BA9B7ZG"5W7L>R211] M7QRG%'?>D2_[!PAW%-O!C807%6)W_#C^@.EBV$%&7@G$!2OF6#%TASQ'}TH M/DG5NKK[3D!/*4:!)P4/)1#CF@WK"T8K95R,@)Q;4!(%!'3XT:/E4AOD=PL' MMC4;ME-U0PE7-U!UAQ>03WJ-8G4X"C4\"2%M5F5=^2VN9K_&M'IZ(#FUP;_MW_[)tO2=;L"GGD5SL 28-7R8$DN">?+#;*T82::QB\]01U:*"$DPC9 RFMO M<0TER-FC-CV9%##GFOX@Z?YR(]!$49#+>$"CA<$EAQ+AB=GTR9W>-NB.J6 M<@/*'5&D SC76$,N':/&DIFHC>2@E,T0LV"0DR#URV*@^>W]7&,[&@XE!-T+ M#0\@QH-E#]QV3:*T.FFK(%A/$Q5T[2D0 \@HD_79,M+[#\XAV-K"$I0NI&/ MV9\ CY+XM&XCB%R;F)&-0'- 7DF)Y!&'!-JR(IE.:%%LH-9V1W!* >@&BNQ MHCID%0VB_"HP'K2)/H@$B#4HKX,&P)0'$40NW$J;9:O2P6N//>B=\KJ\F8U6 M&"19J^AIF*:F99A$HE*=]010\E$KTK@_:Z4[ZM'(]]HRME.,022ZV1FIDB?9##)]<[+:," <4K!Y7Y8=17Z#<6'Y)@4!L#.N4 M(MN'A,]1(R?MTU0.C3MW2.6]_B&C)*:HLL%BKN5U"88N!4 M*B %LI1C$*QLDN.|-Y!3BD6WH-=A)3>_^,/Z=.TL0Z2%X50MHAEL@:!$@!Q+ M)H|%RXW.6!K!NB4(M#!6%R'D.1A*V14MUC*8'TM02X"(TNP;NY.!MK2191) M"FF2:YW]M"FV4XH\MPIK]"*W8]7ZO)X1)0K+HA9B< E!&4]VHW,;3*3]WR*S M9;, "\GM .*6X(JQAC!B#3\)":5>?%+%"(C9UH/ &"2/WJ6RR M60%;ZRBR%:!]6C/;&:"\Q)4TL$;.0T1Y8C))QL;K(== T*J*GN=%9@(NU2E(V-OA-K@;M@^&T(LX-E-C!';<.H\WF!E7 M.%7QP)0)MEK60N1*Y:.H!9*\[11&&~_)*<5.6Y M0.+][CY=.L1E\A8U%.,# M*4!0^A49HI 12N#,&.C>+#@?3U-M .LD9\W58_@0#"(W48E8- IB%MJA.*:;I%Z_:A83V$NQ@PD+W1B&5L*5>DK5H M&&UBPH$W3(%##AL(HSP1NLDCIP'9*\?$>27I@(1_1-+Z'&Z4WAI"#,SG4LU\+ MD=XBNYZ'5 SC[FYJ1D/S>:I] U)A:=0L@R:E"B5G47 MTH+(D;N(WGFQ21YV,T"G%#1O1L/CB/,H0:A|B+.0FEG/HA73P,\+[#KD.:'SV8%TM=1)X=7 T@DE*EL),5NE8 M]}1WH>!0PNU-M=E!A'O0BW? WMWR6DT)QI4OBJ;') @I{FBE;>$%L[;MJ_3O M0]VAA-2;;>*"L.K?[V _X_TH_=[_I?E%GZCV69_7O/]Z_N36MT,%B1DX,_M_B7-SIYW4WKE:/_R[1RG"P*Z? (7+,)XL;C!],3X[GSQU\-SV_@7<'I^4W MWB/ SDAHG&:,.?^TWVYP|\VFSZ>Q*>8Q8PX=&1-)P-*>21+IV@H(7 ?7)*) MMRX<]0,X^^Y[=[ZZ;M@?+S?L$<] <,ADR,%^+*!A:')X3:V5M,:.BL$2,F?D>Z M#F<(IP>M^7%WHVHEC69FT1U 'S[/YLN*Z.?9?#[[2L-=C"03(11!VBO6&U%& M)W!9(F2=.&E6<@6PM0'T-*HA1/$/3)9]9=/$? GDU?J39Q73Y=OINCN>K+?#C M/$P7M!'33(TB8\DR&2%IGT"QKFA;-F'*F%*R6DC,^6)QPPA:.Z7!%0/#APPA M-0-VGR-O-OY?+:.@2]6Y]$IS.?"5OZ'.:?. %H+J7RND!1T8)R MM4).X9H60"G&DLKCMF50^/28TG[*^[)'.P]\Q*W:.",#YUBH5DZ$ M&.J=?$]6#S>)R[M%MU;H!V.(41X#VQS;C__&X8S+M^O?U0F_NN__!)02P,$ M% @ HC5,6FDW_W.B<@$ 6&80 !0 !N:7@M,C R-#$R,S%?9&5F+GAM M,:.R]6W-;29(F^_Z_(C?G=2,5]TM95X_IEM7:R45))&7W]+[XN)!H@L$U >@ M),ZO7P\ O (@ 9P(D(32K"I%4A3.%_[Y\7+W\'#_U_Y.6STTU?HIL/)^:_ MLU_HSS_],$I2<'SRIY___/PKL3__SW_[EW_YU_^+/[ZN-OV9Q/.S&.]^ M>W=!GT'ZZ=MP=OK3[!1^^LJ)\'A5__3AY&? Y4EW1LB_S?_9Z\F7BVYX?3V>S+W}[\>+; MMV^._?__=)=_*'4RI>7/[VS\M?_[[R^]_$_+>9<^[%_&^O?G4Z7/>+^+'L MQ?_^_:=/A13./!F.IS,_CMGV=4_O(E&O5C\)?I]=/BWZ?S? _S.):?C8G MZ,$E_+3Q-\IWY/+72/D189P(]LOW:?KYW_[EI)\6DO-=[*8C^ CYI^6?2WY\ MMXIT.)Z]2,.S%\O?>>%'(T0_X39Q1?X^_3X=F7$5S^[+2#O!']Y9(+*%7@-M_(_R:2]Z8SI% (%T\#T#PIS N*EX1X[I/[X_YZK-(@NS/1[.*B%<_NRK>R9D? MUA3PRD=70#O_('(&9P&ZFE!O?>X-G)<@[R(1'SD>3B?G781?XN3LQ1S>I7%] M.4YOQ[/A[.+=N%C2^;O_- KO\#LBXI+OQ4O[/^[]N\L@41N&XV'YZ6_XI?(S M"Z]<.!#,8)%G;F\K&C2,SUZ2-BY297MQ\@-'\IX,$P\'EPVX\ ]'"NQF<M30=.QD#BP2R R)U2B08W$B"B,*9I'2PO$KMI%)5IA!_.9E\'78'/>5$D6+Z8 MBW)![@-/7XBRVJH^^S""@>$A\B #829K(KW)Q&MGB&(05'9&6Z-JKVC^Y-NK MN5:- E]WENI8OTTY[0NXF9PVXG$TJBW+!&2[@YY\F78(.72+\[_G;_KHW6[\4)Z-+R:NK$'4QOYGO.5J &=WR) M2CJQ%E!%7=CH"UUK0@/B)JVD?C"5X()#3MX1K:0E,@(C@4L@D*0.C.<8 GN^_MJG#+S7Q\3=A%V TT_&<3<:?9I/XS]_GWN=_@J6;7N>RKM%<@9U)3LJM4TIY4?T"RH.L@W<3$4\R",D)H,_@M-M.2:(#PC1:<6GB$M=9797H?C& CO+=^*K_<&#^R2^H^ZO<*$6X">/9>7VTAK_+/;_"_5.UMD$SAZ&U/^V/X<]4I-M64-U#WDV>L.7B*Q3G',6B/.<(R(EB!,A$9]BDR*B^;)U8OY<|.2.PN8FSA-MD?DOPYD? _8G"G+ZZ>#WRTX7K.1CEAG/<1(201%)T/8.GBE#@K*0U=&*TME^V M'LJS-]PU1,VJ .:*B!LPQ+?5R&U2-(O7UB!XG5*]"VF9%Z"OQMA;A)CIF4?WY>T?NIZ\$"=KA(K+F&? V=A5E6;8G\>93CXC4O879Z W1 -UP MDMZ.TQL_@X&B+$AJ/9$LH%|%\:8G'P'+ M581;T?.^M5MT'CV0LLZE<4'O(4N.F(C$350 @D4MP\:N!9&"%X@=EV!SQA=V"(BN(M15HF4? HA>U)K\.1_#'^3Q':YU+E/M(N"F+XUZA5\ E4[J'$!9)W0O M@N\^\0B([27$54)5?T(_PLEP.D,IF_WASV#@N=?>HZMG$^-$IH0N@2Y%G[A7 M&,TTX)92@=3;3ST:8GL(> (NU7OK4%B*.AOIZH5S7!]->$S_[/NX0K'^;A MHJAY:7]P818\4"*M0Q75@1.O,68W648I,<@SJ=\N?>_CCX;[&N)=Y=WVY_UE M2AU,I\L_RG+9@ G+98J,6*M*6* 0E'>)=Z,$@2$'6ILW&L>?31\]Q7K*M>N M&M>O\?)M,"Z:9IXDHQ!'8./0S@C/H8E_.'"#YBNN*3%(_^ASWE.D M:W(FO3)BMS=N\G4XCC!(,CH6+2-)FHPQ8 9B>9 8'\20 \\8(;+ MG=SW]&,CO(]PU[#>*U5V"]B'R73F1__?\,OQC8WQ_P:[ANU_JK(#JP"\<1\BH=E(@+25%*S(G3F=`8N39 M!P'1I7X^^LVG'0&G>PMO#8N]\F*_X=^./IQ.QI>1? F!2.9I1J"V1Q,B<45* M!**CB8?JQ7CX)R-YD;"NXA&PAON M,)3CN"F4&@]7E 5T_Y*YMPCT84;O/O$(&.TEQ#6,]LJ ?>)Y\N7'\Z>(L3$8# M);E1PBD2*9H,&6-QZG"CQZW=<)Z%,SVHO/6XXZ R_W%MX;(7MFN2ZUZ^SV> M^O$)+-O1BE@'@%FSR1P7L2I(@D!PU6>9:8[7=4O.ZI1T!K;V&N8;="'!NL_M83OB+$55QO8266YOW[M=A=_8N#;C!%|V93*S. M'!>$[H U#*V(OPQ4*%M%?X6CWO>[.TALHU=D:K&BU?\:Z>3_'HRGDY&PU2F MO)53Q Y.R^;R%4J#@3/X;3*=?O"EF.I49L/HMQC_M1);IGI\N+$NEG"2,&4ZTB=H6*<|IU6O62^]H=N43% IX_,*T< MMY*($-'W3X+AF](B6>&.(T+I2%)[0,5M!*WCW$I\;AQ/LIL8'SOFG7:S;_B? M(HQ]-YS,W4|)$VY2]30 MA@-6F&(S9D2F9GQX+W/YKZKPU?*@$^XH0CXW;42 M,'SXH./@&D1.:@]THDLP!]3$\>=X^@7$,\A+>.,#;4#MTOOS(;8W 3L6QV-R)*O) MI$DK"1^.?B<#E'B0>BAC-%3IZ@L8'LHL'\@AJ;KO"I43I?U#0^D0UUG<0;(6 MUN_1'>K6N$M_CCOPH^'_@?3ODU&I4?D'@BT^U/OQ\E;?$*8ON^$4_^H-?CL^ M61R-?O;?!UQJ33UC;/Y4)M)]28(J=I%*'F,(OJG[.M([>_<-EG'XB3B5G8W'-MIK;!!*5- 2RKH7_OIZ:^CR;=_AW0'ETMZF6?0?818FHE?=-=3'A2PB@8'F2:2H M@(@HR[A:+7I$)0>T)[.P_%MO-RG.:_ M5?K$=!B+=G-IOH(QDC?[,/+C:7G3)',F,MQI/)0>8- 108GV9BQ6ER!$@W!(MU=P%^U'K9#.2#Y,@NIDE>>5'9;;IU. V72/[_FSZJ0VMD2:+N\C:F2:@ D]["MN_9 5W3S)O$T9=[< =VX=;1G0X3UQ+GO^3334MI#%SP?R-KN(\>GF;61,"FTC;HV,1XQ@M"0H@D24AZ31/F6XM|W% M,>1M=B+RP;S-+@{]6."^#:@?*6^S$TE;1?#[2/A@]#L9HIF@"'<<4B41$2 MD5 :BFH7B5',|QJ]3U![-N%M!$_"Y^^SQ? <0:(-$Q^^2X)^SX6B>C?G037"3 MFUV4P&*&H4>9G?QE/H3I$B]&$SXZ$XAQ3!$9 &,.7 -&/]"(&W04-NSVQ7C MX56D#Z=W9TNW)*2!?=@6[_P'[\.? H/LZC%*&]S\A:7#F$LI6:F+$.6BBXZ M*ZC.]][X,*E&MY$>?IG:;L'>ZM:#OD=4NI M>=P72D$7OC"4!'C-9#G5U";:[+WU^RUU#^']I6=[$55QOMTEU(]PLE#T1?7T M/ F\\#/^F(SCHCO:E4Q,8DD)GXES#+*%RG8@5VA(6C N:<>U=[1SB+OB>M4?6 MC(@&ANC=^"M,9_-"Q7?CESFCDB/RZ:?S,!VF(0:8.$7HDSC_*2K_S-!^?X' M_OIY!],"MY+2(S$6]JR&0K$9OPJ*QJ]20BK>V4\0)\>++5JPN3OR*R1<[@-MJQ^.2M[SUTGWR8_@^K3_#839]7?,AL(%SBC01 5#+Z@7D0TM@QMO!+2!J-# M4/==N]PKK[SRB/6M\;4-3!U<$WW887]]9M XZ,2B.8NDT+8W. MQ-OL"8O916V%$_>V=MX_W?WZB!SH_]M8"=*R1?]8OFC1'U?<<\KVCE[[;ON M8C@^^0_.H=!HB([$371BN*R4T:0 /@."*&- \]GS>QNZ|/_5L >2Q]ZD3AI MS4 #5_8CV[UN,M5K[5P!RR 82E:8@.^$])Y33Q' QD=8XQ&2EFH'WG?C^D8 ME*,JW!MXGR|C++.2IQ\A F)"Q_D?72DD?? K&P+TW{CB20BKW=&@F5G%&-&=, MFLB#I_=U0MMKW[@7T3'H1$69-]A07HY&DV^E>A CJ#>3\$#+YZ-5Q)=@,_-6 M,N!$VU+?!E(Q:X$1\YR#YH!VK7]\NPO H]"79HRT\#]7@/T!LTMLWE!GC& D MYVR)!DD1]+8]T1'=,6<|B^J^D9IUS,DUGJ-0CEKR7M6%O5N,7V)[.X;NY.(C MS&.S$CN-\?&MPQ:$D;)E959N^NZ3^-% M2RDYC89X498- WA,+ 0@M#<)SM.!YI=AV,YICT(5*LE[5@KW;KH^'WP>7,S'1 M6EWO=0,>N92)1P(ZH5I:.LH,'EH& F3*HPY1W.FEL'(K9^.'/VHXOQ,ID.9||/DX\PAF_SN!>_Z.:53W.8;^ KC$HERR#A7N/*I=1@ M+"JI48YXXTNW*&IH#E|0^-!ENQT?^9Q9;RG=-5K0O^RQ@R]^F-Y^_P+CZ57@ M*C$;25'C9D)U:1 A-:Y<" (I1=Q6+.XQM7LDK07RG#6AGH37\% [G]/NV05*< M)_R1C5Y8)0051IG1Y$B(3AV!+ "KI< MJ4B:-W?C'|/.K0YC#SCS>X]|P;GR/R:3]&TX&@UP;<8'@_9_]7*/AB82*"Y/ M6.JS\@]']P-=/OM(2-Y+E!4/A!$(VM_?AG3F MP34XREU;=)(?&7@R^"L=*$F8LR MJ3R0D#)Z#$QE7KT7[5H@SYSW>D)N5(4X}),K;#'6LX&Z,D7HJ]8;APED[+V MT:C8QN<^_K=K)^,$U.#5]>C#\GO"3A.#5L*>C#\GI7.8TXN*DS8SH MP.LA+RUA@/6$INP<3\Y:V*J=\ XD;XOMV3E8OA;Y/Q MR0RZLW+E87D:\ 94R@/S.@3":;0E)6IXD!E0P[UCI13-F-JWHW: =WB5:A63PW>'H57-B\'WR4B2%)HD)C67M1O5/B?CTHS$E>YI M51AH86>NAW(ORH+;UM(^"9H*@ON, ^(^"V;NX;[^\\"4?L6^%T,CI^)U.'G MKHWH(]P6W2FZ95AS#>GF#'9!F7:N)!V3T41:7*|+SN- _C%$.OV2Q>NN3>Q$= MC2)4%'R#DO'/"?CI>7=Q4=U$!&)$8D+0X5C:EMY>AQ#-!N0C61UXJ:N*XFCH MJRQ#%C7A*3X{(5/I;#3$A-*X MAL= (O$R21*JIBC0*6MW!V!'BT2A/2VH:5(FO2F'-G8C.!D,<*]=> BX\(A-SA M5^# .&Z3(M8V+]LHCD8?>@JX00'X|\/QI$,<|!88<|-T5N[9,XR!/!$(-]-G1 M0'}8B4BDUHD)FZ6K7O9]%\/1T-U+N!?KO#S M4N?X>5(.7B;C&4H2/_'D:AQ148IC42S$BBE3(D5(;)?)&ST%C2E]2=)UD!^ M-(KU"$0VJ%F_ ^SS/0MG>_?,$|#!V$T)FG Z<#X%F*Q#5A+L_^FEBC8SE M^\Z<4QI?4;=RW;CD:=&A!1[!IASSQ0&.HQLL$.PB^Y>I(S8KE]PC[*Q*RCT93.%+0H=[IQ\'2W2!3#]X3^%BL-(4I/LL0>X4D*4H-*(AS M6>T:CT1K* (D6*N1X:0<"X}}ZM,C M-A=HZH1)/#E'SUAZA3B+R>3KR_P MHQ=$XQ?7_*YYX#,VZ7W%5_$PJ$!9H%AJU#0BXMC#=#]-V\ZF'-=&|Q3^I*+O* M;^4M/":B|P?)H3F0I7!515X;)!2R-INJ_&\2EPN,'0-J_P%Y%5I*[4 MV7^<3.%;F4;|^SSS/-']QGK>S S_!9C90NXO\T7^L0IIC;_HG/D-E&XFS@WK[\CN C N_72??)CZ"T1?@$|;Q;G,V< ME?Y._P?2Z\ET]LI/T1IQ)24W4"[#6_3,.3V)@ M19]L>%-2*EJ.ZZ+'6_CNH'\Y&DV^E;,F_/YU!VDX*UTH!P@R:]>|& 9D.)@ M3NA@@K#2^W(!WT-E1=#H'Y[-7IN;DM"A3/0^C8? QSMCPB_M"5B<>SBU*]>-GZ MZ4N14*FH%0(EH+TG60!U=:&]Q-FF* M#VJ+0D&9YPV(STTE7G*1!5%E+Q33O]$/3[/#3-# LN L_] Y?]= M!9U13STH'-4W]"ABO% ,G&4#U!P^> MX]..#?87=H-#$]NB=C4:+Q F_0 M?64=NIM&+?D@=9E&RZ45Z..PA$;:.R*2Y=EX7N8!'D ?CFD3J2GR%BWC5^__ M1Q=IC+A:[LHT/X9V*\|\D%<.)C*53?6YV7^AP4)EWGL*MD4_E? 4W5GP47&6) M-DA%@U&O1M\V>$^FAU4RAG-&_@RF0YGT\^3CS"&.M;R4G^@_\HM?89SG/M[5QB5=-> >HB0,+"1K*Q<)T]\THSDR#TS(6K*[PRQ M6GOFM<,CGRWA+45;LZ%*P7GCRNHV4&V2+5BKB78,W55P|H^RN M0[A6'W9[XG4(8"7[,+O9.,OP[Y2ADW@S^ZN+![!S_OEC!(N3G4M-SS;/^UWYZ M^NMH\FUZ&\|6UP ?_LP*-P!W!-[N\|\N*2"G4&/PW4:-04_/!BD)ON@\]60Q MXFM61/|;H\M_*JA ,88E.3A\"ZA#[S502X(TP='@6!#UIQ<^D.I1:ENE+EQ67?L.0HR^8 O'61V(U59R7,H?Z M5:9K1@H]3E:* (/$>)DR"M'A2^.,4";.:VD;NQ M$]#'<3V:4+ZI6O7DJT5(NQ-H+37GB67BA2E#[]DFUDI*N!%!NT2U.NGXE.L! M)^7]Z=8N-!W.P5UNPQ;JG /)E%A6"\C10&49 %+F8F(/!NOWB7@/CR'=WD: M4KF5?[L'#PT%9+EZD^WKIQ^>^M9[*H:,ZUC#J-"IFP\R #1H54H*E-8"RE MT;G;MWA:K,/HU? #1R6]PJ/P&OG004 /29_QZ!+/%M+9E1Y_YSW'+9ES;#]^,YS.;X4AJ/=YT5N(#,+4TFCNB58:,3D0!&.:1*@2.7:'(@^U+!}3< MC^@O1:I)68-|\^<:IDW,1^6'Z//D$L]D(!BD%KS(NWP8-* .OB;<1"|W55R'5[16O#ZH/CU):9!R6,7X;OP5W\!)AR_1 M@$GT!Q7+A/-2VYNU)5X$2O"MB?,F'[EZPYQ[?U JK(O#0WR!YOU^(,_F"NQ MB6 >G2:T5CP M%1,!ZY',? 7M4XN[B64@N2V-8%GOIQ*W"_"!* ML+]H*P;CZZ%]Z.#+LE/,RW&: UWVDUMDJP8>K96)S!)(&:7@4SF7T8IP[46R MC%)^MPYI2T5XZ,D_B&Y4)> @D?1'.#D?E7]U!4" (L& TIALH;ICT,1 G BO= MS"/QU"%'@0>A);.NUZYW!7CT:G60<@Z2,3;PB>NVM M9R0%+HGD6A";2D<#[(;'L Y@&)MQO<#*5$XMP4%(K0GA0%^?^N%$KSNK M'Y/Q;1-+++8^,HTP$+4?#@>>%;D!B;6!-,]$$8KNQ>>]R6 (Y.=0Y'1X.>Q1O\ MMRL!W51WR[@O!W:E48LBDJ72MT6;I'MT3V9>N!J7*_C.:?G76E?O^A5*?#6"&B@,73*

8#61G-MBZ1P)+B5T&7{R-M'GU$>C/&RHXHCU_%VA+7X-CL\[7X==)}A+/)55\]L,W_+2'B>4U:,\("-MD$9RC%/1FBLIC);&"FNKZ]-Z,>O-!4H:%!7NV(N[P[VO1[Y6P8-#ZQ-,;D$*
M1":%<81'S,Y211SW1CJ3M#*\]>9V/\0?1I-:4-:B,<4-:UG0O<\/X1469"Z> M9 :'MA(W,%OOMW.9M(!ZM8AV"LD?-M1*
ZH=R$K:HEF"M\%&27Q.1MTUU(RTD=C=6WW9WMT1Z]7C0A[<$"W->EB#-9Z-MP8B,KKJ""YLP]B02H/11")PPZD/B^#ZH?*#D]CTHCS6Y78N8%NFAFPFMZ?2|
MJ-7O\V-3:HH;N9Q+:HB,N0&+M8XV]<7M?IK$,,0V2V!^QZO9NXWHY3LNC\NM_<<="<!YSI0%3@MM3W-F("GA*5*ME'(-H33*N\]IV?7? =O3HU(ZN3!)s/=/II)M=-3Q-
T;%8<@O4*=3XS,NN;&;J;P'[W,U3A|\^3#CZ?^O%GU +X M?3*>G4X'4;DHDM3=^/3D[@RX, ->B#_P+=91'?U3I>3;IN\@T7,1U-HBBE9 D&'HF4$QUB M%63B&5-<X>A1[
J4IV,9:EV8\$'01VM'K6AI<&%E%O'QU_,NWCJIXCP(R2 L_EM MNEL#D0:::Y&<**6>-+[",TU"Z; (VE":N,DA^MI:M!O$X]>IAI153(+?2-6_MS[=D#SX MO*/5D69";Y"[OAD"C$+?5N?OO
+QE/!+CDBNEO9G8.%^E[NGHN#/6645-0HPEGI8NI+CIQ'((*CUM(@M;@^2:M;FT'[>CUI@5%+6Z&W"2]?A^-.)]U"P=C'007DZ&>$CI@-O#&/6_=[0:H@*!!+ MI2&0$X_HC04G6Q:]KL-
T_,I3DY0U6E.Q'G\M/(&A7*96DRP URY\N5%E#3$R M&,:-=X%7/ZZX%|'Q.TP]0M;H2[4*Z WP,F3-1#0D^8S];*(E%ATM@AZ6M*)) M056[LM:\64W;_[U9#SKAN&\Z-?\#?
[LOR\&W%T.D!GD9'2TP1&:RP7EF(X M4(YH.6\0[0?7>0L__N$G':W>-Q#T&KWOE:I\,YQ>P_L\604G13;*64IH&32% M6J^)LZCZ.6JA .):*3F^A!0\]YZAUH*]0UVA_XSC5?
3P9EBD,4[3FWDMQX.) MPF+D0#D&E]JEQ6P-3]F+CAOJJ\])NA_1T6I+ T+6Z$NU3,.>+<3%!A&+'X MY=K3 G/6%$]YC&6,$TFU(!ZRP\T^L "2"<>KE^SO#O-'U*RJU*U1M_ZUMS-
52!Z]8C4B:HU.]4Z %ISE M_!79^.^,D?*8S!.(-4_@>/OZO9NXWHY3LNC\NM <<="<!YSI0%3@MM3>)LS%*E",$KY0#A'4XTN92+!,X/.\5(*04YQEUN[#0_U^X05HD'U5;_5
M#F)0,N"+2T Z#(I MSL0Q P0X8X$Z#336GAW6"_"/K9P[T=7@ G$_\)\B"LDS M$I/ [4%820(#0[(3#C0S1E?OEUA!U_[UQ1U50SWXY_POYC\OJO01\D_ESS_MOKM2NV_?
OOTR'DXGYUV$7^+Dl,5*OO.81@@N&,6,UBN:E6IC#@MYK+F'BR2IK:6_TJBMYS M_BX_\?.\Q;=3,,HC"(I5;XG!.:5+G=2,_",.ET8[M=/KMQ%4M.!^--K);N,_"
MY\HLOOW%N.ZNQY6EG4GVMSB:H&/]Y]GW3E<_W RG]%6OUTTL<%7'$Y6&T9M MKPG3;G8- U.$L4<7Y^7WX10C!.&]X8G@8HKKPH%XM,LD.!H9LZ4IQ5;*@$^XH0CXW;42;'QX13TX10%T\3P P9_">'K#1-RC%WL0.:DIT(I7@.: ECC^'$^_M0!SF(:0W%NV+CWY4UG<1;(//[?DOW!8[3^G+VVG?=
M!8.J_-^%YS#@*7%O'2[6H+\MJ>6X^TE!@'KCO6*)F=K%@5L!>Q*!7!^'H+[X M5W6D=T772K"S$I,92CT-CG#G->HP=22(\GYDZ:SGF@9;NW_&0YB>O694%7HC
MP[%_%)^93TD:2ZOEJ-%>&N\)UXH2AFE,#J,.BML8_XQ17T-S&+HVWAT^2J YD-M?@BZK+E:%&Y43'2L-?^8V8REM(N99%$D)#M1A9A@*:,NY"(?!LJ0& \JQ2K MW\ANGK+0-
F+2)W3 S;RBSUFGM%4N-5.,=8">_M2$IC)ZWZ4QO@3=P7.Y@6H9AVX#:);VQ@S:L!738-$<+EXB:MI'XPE;!E5!BS MD4 2BJR3A*;3.8BRZQ"[3L'!U2%#:F/Q]*$783=(IJY+MC\?
>Z8#XRQ M6L?28)D)"[HG.6N*9TP1<4#D:[GFN?6U_!<3AHXX*Y-P-/'I)MD$VXW8%Y1)3 ME#XY'C+A-F,P;6D9:^PS8N8%B'XQ@([RW?!]_WYU)_<[Y=5"$*M M-/)2&8.DB<=(!
>#;HY5Y9*^(=2YY(*3+%22!F+ 1S#&P?T?2#?J/O4QI+L53 M4F:8WHV7#=*X6)R2,2Q08L$^_ +A+ZH+:?64'UW'6!O-;@7T#&HI0CV) M-
RAX^P@S7!^DM!X;ESY"2U0I'!M!.L*T 8)!N%UR,Y M!@6H(,,&Y6%W,I<85=W!;_.*OL)C!MP3J;'3<,X5 ,826& @3 MYYD@0>8 -&<)4-TH; ON&/2C#1,-
FGS],1F7U!1*;S3O8S>##J;S);;@ BIR M#L1"RKLA28>N '*8Y#>5-;2^__<@V)4DW>#QEVK67G4U&59]X=)-Y?T M;'&:!M*31/D_6KV40E9>+CG6V3 /V
AUBE3D&03D9X#)]7_O:4QWD3^(DK%]" M^^ $-HABU]C*/V#V/G_VWZ^'PK*,++V4D)#F!5E.6-R5'BD(#1]D2@5>?+K@% MK&>O0+5%WV8491[.RBCA_<4-TB!/Q*MR="N3(>Z!
(IKYTA'#:B>]3R^[>OKA MN:Y.SNI=R7TDVX#C32Y3P7:YY(%*44@M).&:4]R%>2+,>DF4#%YG3,73M7/8 MV^ Z/KVHSD:#%,C5)?*K%0/GI7Z#$1TQ'BO)>Q*4-H2[S!U(;B'4;A:Q
N+9 M[P?!O-J2YQNYU+1,W">,V\#)UF6.D(>-"HXJ[/,PIA@& 1?NXGL)BR'9[TG M39M(R/C!KO"AD81&85C41D7Z)HCC$4AT18A(0^^@<T@*WH7X5S-!K0 M4]*-Y_\\T"C-
6BX84X)$'LJDOA2)QTV/F*1S$KCQ)5^[U&M[=,]=11KQT" = M?NO89EYTOIQ%G$I3T=]A=CI) \W PO; MX'KN6E)=]@V2YNN3()<-#N8C/\
[#=)B&OKM8)E6636D'V44%$4%'$&528U3$ MED/@(}W+]>(LCM(?G0;M,-3 3T040U,T*59O,1+V36C8+]3E&_]{O]:4HC MQ\1?:?3 6@>O+5%WV8491[.RBCA_<4-TB!/Q*MR="N3(>Z!
HY!8>2S054]M2&_F@XL6 MW5P6EOG2X&LNC>.N>'@97Q9%)QI<<>]K6VUN)X>W9E]'D A:=%C\L)\!\&/GQ('DG7::4!./0 M_S.N%+*-("$D'9WU+*K:H?5>0(]$!0Y'5H/H_#
!0\YCP%0)-)9<,X^F!5V"X*2T<@; PGT.D-"E^/F$"?\PE%=36KES9$>(/I%)]"6H0]-\'=W[>-> N M*]6$9=T&;. P2-:3W02#8O,A07%!;E$05?_PR$R"]@DT=$ +0Z#I>-:!6APKE(
M@!%OO>W6/7">O2;4$G6+J8D;MJ$%RG6Q -6YC&'@"!,!-% <E5S_Z?Y$<(]>5 M2H9 #^1Z\3X!6F*2DMIBC>"W@9+4AF/7661%EB$5IZS:=+!P1.AYS=+7O
MM3^,ZK@U97?!UYR8>"=*78PK7TG#+W7Z.AD_P+#+*:LST5ZB+O.42(@A$Y"* M@I=,T+OWFAXZ[MCVT<]6&PXAZC6J42=Q>(GV???:CT;K[:0G C944URD 95
MF$=2=D=2;FP&94S*4K>P'0]#>[8JTY*'S?,G'ZD5WY*K6_]-^2[]0Z':LNW M;EGMFO,% X5L1QQ(0:2.@?ARNS(:IK0%%]2]_Q(V;LZ'L3>5Y+&)})NUK1\#/H3G?3D3OUIQO!X$?
KCG?%]! ^^,9\NQ"W77.^/:1^,)5P*6G. M32085>,,(U\'<)R2^04^SWR4U?LV/9OF?-4U81=A'Z0Y7ZFR#[SH1?L M%/$QX'|H3Q@_0U/UG]U/MCG?3N0\V)QO%]DV:&NPN7V84DQK]R-
A67&"FQ\N MTS ,@0!U"2+]=/4#T"??]*T/I74DW:1WP9K^@4;G'$OI84.9((0VRTCH 3 ME%DOHJI>T_^4^S/V(:ZW?%N41,XCZ$76;&*#MMV)(!P5CLAR;[**G"SB13R7*(M-$4?
=F/_Z1TR-'"*OYYG#+]O=&V(<&AL94+;Z\%EHF4,(5NJ MZC?SW!/J42I68)8.=YMB 7O#!1 N H]>X[M!%<5W(YWV MP7O _*$4K)3A[M:L;FR"%@9,Z6\C:,IO MI,Y#BQ[&-S,$N,U:4_F\
<)9J5'81 MXY.K4GD]\M/I^SQ_R^:GK

*NH-8)Y(M=2]>1]6&T %1R.?A$ MF!(1M5TRXFP*A'-&4TC"@JL^ROQ [&];AM*:_%U$W")7C?X[Q@;K!]LERI(M M22I=&C^"U\0K9TFF*J02,BA9W<_9#.
<1^JKW9.NN^:\DZ@:E*0MHK]8?GS,= M=5! P"3<E#IF4@+NDN1 ,,]4%=7;I-\#YTBTH+^HFIF"UVNA>B!?U%W> 0ZD;=W'4,<.CF>8TW$$>^2"TE.
MVF)DY#/A3[.!HF6">KG:E:@1DFI-O:O=+GD;7$^B"%)/,%E=^,V'#/\V_,_S MDIU9=!W OX!QA$6W0RX4D\Y'PF+I0A&B)UZX1*CSS $WF>?:G=VVQ?;L%;4) M"1OWE*HIS
|+%]R/%Y,1/TRFLPYFPVXNG>69PW0>;>]SG6Z73Z^0]MQ],972 MDV*;D@WCFK>#*W3>P;6F*;T\C]000QW#+07-ABVC:1U'S0CH?P?N\^KC]?,6!.#)K3(5)(HRN4!G^:3-
C/ZG"]:++1X3O_'$!>$>$F2.5@<<6#0GQ92"*A] <,H GCH9OF@<(7];/H"'"[Q4$'TH]= M-1-]<+WX]*Y2.N+#<6KDHY'61-O T:M%0;G;CMR)1KCENLMS4/G)^ -*/MM_T MXZ3!U:)
[X%WZ3EL ;,B^LP,<4]A[>E*ZO;KTX..PMN8R5T MY5JE%#0;PWV,U<]/UR/YT7:@O1AH]5W6SR/WV6M!-)16^)H+$F+D1 >++P9S1,8;. MUZEV@'?
\6TLKKAK<8EX#:ZGOVP!KM.%L!/4X.TXS.N^66E.EHD57R8T F;/* M1Q^(.0(M+B^]%)W/A$;'+XSGPE2_U7M@)7E@)WT\'=F%@F8=IC]!/.]0YC!] M=?%NG,ZGL^YBOF.=?
9D1K@DOYUG2"32G(3*2I YE:(_@4'O@POV(CG\7JLA(-MQ6FYPM]";7#ZA)!2(.8%[NH&0O9F[Q#53,E!KB-MTG&;6D#G/(#X3,3K/>A_^.:!M^782& M5
K)HF:$N8A1G"Z)',,4!9\%%9(^IN,/-@"W(^Y)?7G]<&(X55U7X&YU/QM M@!YLH]H \NGL617(?M PU63](#O91L Z@Z3&HC.O0GG3+ E"<$(SI'(5.$*C M\2R/IE)[[&^/JE$[$-1
DW[UPVY^]_+5Q=67_SZ$#A]R>O$;?(71(AMJ?@C[/IM6!\DU(UHZNEK=H.M$P\,7S)* :U]#GKQN^W$D8
M!BFPS&I7_SX!W7I@]WMZJK4#2TU.14>E5^<'W\TN/G=HNGTL'*!7CR/M\6 MD)I57MQ%\U@U%VT(O$=/>@B_L:U9(M/99^VS(L&5!ITV);2S' B/RS2'O_;@:@VNVAEMK.LW:![[L
MNL+,J0 7E?0?O/ 7Y4DNRGTJER ?^RM9JW-"01%=&,9B*I+G/Z^O,&2&*4LB2 MCX*QVA5Y MMP \OC-[4!V8U,*B1;O_O05QO8QQNG,=:YLU-JC)7=/W5#A^_M+OIK@Q
Z"4&4=^A&@U$D:*&) *[*IEXK>W!OZ,GH[0,YH2>NMKM0VR2L)UU MPW@YQO)/)&3Z|=.?ET, @"EA*449&?1O*,K-ZHQ?$N:@_;>L?!DQ7L /<*MA$?
G?"4568NP%D,XH,N3[LR/(RPFSBYAV: @4H;OFM&2R#G ,E**NA T3_A. MTMIZM '*7QI4A:06&*^>5+SR?6;%!;*6B=CB[F#N]GS$N>84?|\<^!-0!9(E0! M2XHH*D>"HP:M>N2..V4-
K3ZK?7^X3U '#Q7]M]5VHT6KFOW|P\,,.YCJ[OCH WS%/\?W\=`YVYKN+2?XT//B)SAE",D_/QK,PCGXR&<0C3/WQ7_LE7> ,S M/QSMDRRL^?
0*N<5FPNB9BBR#YU"%AM/W^<;3T=BA9OOE,B\U.V!.#I*D:\3?I65J(.[`SJPE& Y^@Q,_>HN+659491#"&1$(.) (M9&@\'-HN:V 9"0(&NZ;=3:%^,O)Y.L+_.C%EHA?
7.^$:QYXZ#Q;"QHG=<19 MT4,J4!8H+END;H%CBW36P_3>?,IADTZ]Q3^I*+N67%];=+)}(XILBFXF$F1T M1%&N0K3!"W%?W<93X'!#
J89A;N(K"}UQ=B\GHS.5\+00\^_^^G4Q|/S*L,N4YM+UHQNE1:N\)LODZD?.;,,G'^9XD>,SDO/ MT/(D[(C4.ZX1 7Q8?D^/"?0"?"#KC L-'9HE501+D%8:6-'KI;!,-.W0K8$]E,LA
M#GG+_0@X9-[R5G)5!>&X!$ZTRZJ,>8W$"L5(XD8&:W0*MK[3\HRRVZVT9#\" M#FQ+,)5+D.9KAA93$!X656E1E;7(\"@!+'NJ]3BDEEP!.W(MV8^ !O7]VV;4 MF14Q^&B)-
T69"V!O2\!T!9=$;3;45M>NTGMP9R,%"[I;D/*7CCLNL(P"C/FL@ MVJA,)%ATXU@J/0<2[K.:"^K##YM9/KC6'93.IW30 6G@*,)5-!,T_ @X:,3& M'$TRFF403@BJ?
>V2D6=Q^O9\I"'$@JUB/$5QN?X#^-+D9/%L,X93?W+2P90^@XE..X&59:?U\]KB2+V4D/R>2U\]KB2+V4D/R>2U\]KB2+V4D/R>2

M5+WIL*S05LB8QZ!M\'WJB1\-?'PJMP9@SUHA-4)6?G5>+=XN%M>85RV[-F?8 M)84/.D:>P+"8:_=:";&@!Y0B&!Z-(N>G]<&^2YCCQFYMG<&V2!_G6?[:3%L$
M;MT#M0C7>HC8B$?_E]G\CS#/JS+1D)9O:<@_,7^900=&0]&:=&>3'_"0>G_/K,MO:!@]:BY,Q H9"@BBT0M+*@L\Y< M&^.Y;IWRZ2_=L1CT1[2?1^G <53S:D+1Z[C
_[JN3M4W^N$C_;.U-X6ZT.X; M@,#2H$0%SZH"3')K/&VB#%NW7=LARDN1[(^E^.U#K($"1@@_.L3:Q$<]!!LI M*MTIU M%IBU4][PY#,#]J(;!F.#%! ;&X*I:%R$J"L!,U-
:I&&L;KM,VB.?B MTZ/:PSYPCV\'-[&7EX(Q0^ZV3J6V&:F-B)EQY'W;E+@TT>3FNR0H(D2.DH)@J0N1DFV\#KRE]?6S_H9DR M1BAUVI%A[2'47SZOO8_B^N6U#T#]:'EM&6(H1EK
Z)#VR&3 !8;@K8Q2NR+0 MM*YX/YF\=G-+V ?LQGGMFTWQ%XSSZS#_+OBFQPI7,H7((-6'_:H@'6:,MD&A M=$+#O'J4X>G,;N\8_K7DN/<"?M86M<:T&#+'\^!G_$>;_P>7[
M^>S3/'S9\-@9X7E1JB:W*980T8+SK/(ET2IKB\$@^_"6[!K_E'79#+>&1=_W MMI3?9M]6HI NQ(U0@:7,%.TG7!13B5AH@8X"PV"S*293>&CV<(L>3W#JVFR#
M7,,B[2YO36Y$_UPN'^F&>:ZQ\$7>/ 8R/'IN%R M#TFZ<_E/*O,E$O/#4.Y0U0"(&J=ZMB1B3N8BLP+NLP/ER3F.(1K(RCB'QM"A MO<^7]P*I\
[%TM0\RC77T]\IFOA%GLU5GP;RDS8*DJ@E>%NM34P]%T=_2/C"2 MMX>B.H8^;OWO$)1G[2!JG /_;95#N"^,S'16*9H65A=UD:P(MB[V>&3X:^"2U-0R>,4I6-
O=L;Z["8O&NK%)YJ]W#"J65KBD?C9%P4YDQ]F+9*&(%VX;X\-Y;?1Z*1"A4>2_/"50K#U#4;!>L1 M]H@.R9*1AI5,YTKAL=(1%O"ID-TGCY(;;I4/)ZK]OH4)8RM_'XC'.!AP7KDG
M.^]X,L/,@RR@N+?D6/I,:XX:I$U%,Y.]=*SUT;!;G.,G)89J:WO[;P3U&&6- M*]%^[!2-FU"GW2G.R9I :ZA'X.![$[Y.EN%J
M]5;\Q^^K=:^<&>E#B"'5G(%7M%R>ZH[#P4A=F#;H0N:M';QN4Z)M9)I<_'20ZJQHK].B5XF FRBM-V&,!3Q,6+ ;NDX.NZX(ND2BDHJ8, E M2R%08BQ)[Y.*K5]>'],.GHD%CV@&^P
]B@=X\68V_SJ;4_#[@%<$0\!,0:XN ML?8HTQ)B99\2R0N>2RW8[5._\]04+W#X-]# (Q]P.'RC17?=?HFP2F2)-7U1 M_1UF- 0NR9I5*%D[GUQI_MC]5;F [:R@-=R-O^\WLR]?9M-
U'NO3ISE^(B/] M$*YP11]S2=,7RX*#H%P!Y11YP#DH\,&+P!Q:DJW'%_[D),?7[A'(,MI".\+7 MWPN#-9_09=+,\L -2*5(U%P2A"3(]KFC2#6+$&/KRZ]Q#M+^QE;32,XB;U$ MO?
E+O].G<.ER,495LNBPVO42?0N&XBCT"5U)@E&T2\!*5C7[QNDKB9K\ MK^!20(52]>HMUGQ'ZR/]?QME>R6/D%Q[Z.G=I^:[--D8D4*NU3GD^8L0P/,< M@!L=4-(G95CK*
[3=TIRU.352P@C5%0\E^VGR;9)QNMIGW^,\D6F'3V3"R2:C M2@0F$IEP\1&"# 6TL+6A4 M!758TJ!'Z?>,^XE41"J)*,N65H=XV"=(V*.UC@2CKUF>-JM2+%!IR)9G16'(8=T?9
M)=E96L^(RNFPH<$IY]V]I9+)M'8I@.G:6TH;#U%$!K55%:+S//+FQ6(OW\7K M!2REC0HZC&,0*=CF5?MBE9:L!4Z7F>P49490Q5FRU:P@<$W17&8Y.:&=,+''
MP?)XY+-4;P,0.W0Z*&W[SVE>Q4CY1YP2R&D2KM[],:7U?IY\?3M=TK&V6-[< MAE'H;HV7H3:=+1H4DL,G,^-_9&D)3@#NT/XBS M;'T,?9S]B.NCB*R6SJ&5\W(]3Y_#
C<"+R[)LY6T2 >6L_J"F7,(BH1EWEO% M$[<^]BD@WF/*L[6)L6#OJ-0;1)TK_]LIW2_3D*<7-%?>1^^UQ*N2\,3<\S2 M_I60A,V2UX+Z (&)XHSABF&?,'3?>
<_64$950(>U#$M^[A+NTA>6C"-/5I<8 M0#E&0'CNP G.3# YQW[W?KLF.%O]MX&T0]$'YS:K5&^G:;XJV0Q7-P\C5OO9
MQ7(YG\3K97U*^W'VT^3JNM9R_EP*IN6['SEA0\D\F^AZV,J8,IZMN;T:Q798[* <:J.%;?"_MV6U_#%>U;.>R/N[72F?@DO9;%>K3'VXR1&>#SL:59/HPXXTJY'_;[.BJ[3#: M0:T3N@J>?
\=JKN^_+%1.%M0)0F?IPISY)3UH"=RP7940I:=SW!ML2 MG:65C*",#EL97 '\\Y]I0L?M--T/A82J*@".!4L<#)L M'SQCP;0VD XQSMHJAL+>80H'IWAOG[G?O5!^4 .AF?3HDP)6&
[$I4[TNIVBQ M#H/A@5FQ'9$/)_;H%N6L3:(%_!UF<7!]]ZE'4^^NEXMEF.;)]--E<,D(Q2PD MU&2VW"'*M/DK0)C$IK&>+?L:)' M4EU\"Y.KZD>7V7SS5.'2*JFRS G(0;(D:5;@HJT-
NW76I1@N3)\J_[TF/4O3 M&!?ZCL>PC0ML;RLP-S?8/V&ZHO_D2^50Q)0I6,+*7A\%[7T)2TU-*B\33YZW MYA7M*=I9&M*8ZNDPH\D[M\:_K]+Y/K+Y<.+8L%R;FV6H&R,4
,R@!+A:7D MA5)<'RG2N1'I+V0VP]3182XW">?_^V];V)'P_UG]P>KW*S:_8_D?];___/WM M+8Y__/'"#]/)8G8]3_A#FGWYVPK$&P:!]!GS]17.UC2?
<NXF:J_A_W:WB(>+NYGC@5FT7@[^N:1/G/:U=OSP=T8E,*?L=.6Q MLK5'ER;SXLJ"<*PP\E;(@VW-(=LIR."JMQM@;\:]X?E;$W]*\L[IW.2@LY.U MHZ8#'Z,@OTL;I[AACUKG#:]
[VRU.PWTF7%WMWEV&Z_M165LCC+LXC?Y'761> M_L]T-5M@_G_^K^7\&N]^DW9(^@I^7E.)T >.GQY?#!]@,SN;!+#BK*^P:+:Z M?
Z/(WP=IP$JMF:\=7T+KP.G5=55HNW>;53V0?TX#33Z2/27;:.RE[J>[Z1Q M"-;'L0*KZ/],+J!T)?^.,8,S H$)H2-6YNC4G&7[M;=1::S\?2 ^1F4O;>W11F4?J(_<1D5Y] 6# <7B MZFU]
[?"B.2COLPNDB8QB0A]CZ)'A==,MC6,%PJ$?@L.S#$,64=64E4XJEYMA$+=ZETU I#%Z5 MZB2/FL-Z)2\XVT>:K=$?X;!X[K(G2A.58]5!>'(1B4$CW2P&:D@TK(I&J-
0VJ'U48U;Y_.*+D_& M-I(V6AC]B%D](GY@RDXQ;E("%%Z D@2#XR5"B26Q[.C?YG%/EVV)SL\T!F&^ MDXEXU%N0>V]&VMU]= PZPHW'E%S9R^)&U-<4) PT&>.F"#:C(#D
M.'"40D7LP\C3-7:CYU?KI*J5!H5P%/,&5&37F3SI5'.L2;"<$ W;3C0\)^=1 M[AN:X+[C6=3^P+STW<+6 M[,OGS%:7TLLB M1>>8Y)'.*%F;>AD;P=5FP<5$3FHS+/;JB/C,-
*>MV]8XCMOO]$%K3\M1!!;L MFGY+*;*\X$H 4[36J%V@6+_UC>WKZ(O<(A%%6"TZS&5I$^NC^=^"IV/]]) W\['>\ W1D%&=2;7 M;^U^NIY/H_>DZRSO+
[V^0W_6/W1XE(+KE+T=*B)VB4L,@W.V0S,(=96/5'+ MYK49O21[,?]O6!)N1/@;N_D=;(Q>2-3H HALZTL&VMN\10$N^J*8X<':/D1F
M+TEIV3RC.A"FYIVLG^',,]IG6Z2#9&4"E4+MMYT5\%P819&)QUXD0:^'E+"Y M0IM"V- [?YK5R@8MK$0))IA:V"7I<%*:0\XJ0K(IKKM VH(W1 M''7-
F+.YA=T\4WTS6RP7E]P4$H(+$)),397D2+;(R%N05@;O2]+-:UR>D.=$ M]=\95HGQ1.^ENXIM_(:-019-/U1=EKT^>[2'> MV=:T::'"A\^S^?(CSK_\.)O/9W^0M[CX+I-Y
M.^]/&)=W9H2;]\6^RDMJ7 M7 F5I*EEFYQVLU KOBL5+N?H=):M"YR>DN=8[S(;Z/R)AYG#8'[IZHE.C#[2 M/UJEK1QM:_0_!,YKH"E5!,_I(-0R6">BXUJU;GO2*
<@K>)$Y4,V/^E4,A7N, M=QC;0MWDN?J(-5**?X=(+_0P<[C2GC.# 8@?T2!0%,R"&S#,T\Z9:T\5QA1D M'I6)42#SS9_W'],0GGNC>30[V ?H,:YX9E^^T&8Y"5?O ^V:-REJE(P7G02@
MX;3OD>,-03,.&"2*7$L,H(F:.ICNAF$\PC7 [_AM=O6-G/(W M<\R3Y2\AW2]!D"&@CC(LMKU.$8%,5)0))233 F?-6O=U>I)@<[#$-IA/L). M\,MD&J;52-].%^2.5H]SM>EIFZPP/
&OJ4\EZG655/3+&$TI1LG4_,W5#E'. MSD5L ?D(92 ?YV&Z*#A?5+Y6G'^;)#+9=Z5#VD7],!;=?W3SO?19RTB>9]@ZKI@J4C3GIGC]EOJ, MO_SJ#74?
I3:^FKU(:=6#_7=,./E6#XT;YM)-1:_VR%-!T*5$4(%^<,P(L$KK M'%&KL$WZV@7DY_LW' 'Z,8YSHN\+^N::$_?Z,?;B--+J5!*S0X MS260+ I96UT^ZZRW:*7,8@/L8&;J=
LI(@E6N0)EYH;U+)P@R"7#*:6TE;8^Z>8[NN ;Q7);N MJ/:P#]SCV\&&W8MF+QP5E+2J2:[\I6TBC\.?ER?7>W_B9\I3]9?K\,TGKN23BA*M-7TJ;6D-(78.G(
M],PR=*WIM/:1[X4S>;\VN1L>32$C&\]E5-8(1GYSD9)55J?:$D$4L(5'G3EJ MKUN_X;H__]DI?R] Q[^^N:2SSG M#&A#>Y0JJ,$K%$#VYD3D2KCMIQFM+V[. M0L5#8!TA(?M@A?
_&R:?/2\P7WW >/N';Z1+GN%BN*I2]9C*IJ(%HNMS%0ZT M\7B0)>>"0M,Q-NJM[1.RG85=C**(AL'D^NE16,RFX>K7R1?:GPK77'%O02.K
MJPT1HB+S52G4;HVJ!+W5BF#'6ZU[@YZT*H=!U+ *^'&:;)VJPOS+;'ZQ^(#I MFHZ8N]K)B\5B1CL2_?FF<+72?(;Y_'OM>K3NKJBC#^3]:@*D]EZ5F=%2I(=, M2S
"+8^^]?'>4/R3MJN75N?.@N0#WQ.%Q>?ZKNDF)4LBI>7DVTK(W_&JBOUQ M]N9SF-9]KZ/0]Z=K_#A;K9G^R?]9L8RN@ FI_I00SM&9Q!V@+8'V1V3@G5# MI?
\Z62MZM/_>5PI3]H>7YD2'YOGP:UV/%>"A M]NT+#MRJ_YK&[%TE)\;6GNVV#">M\2; /E;TP=U6;RQP-LU5HG4P??%ICJN2 M]TMAE971T4FG9$W@DO5%GA)8)FC-Y$1S&_M]P-
T3G+0JVT'W6)^#VJ'>"/7F MHJ[Q03B4=2Q:D2A28KVO<^3(6,N)9_)^HH0>0]]/I[@7/0Y$+J.!-/@].&C M#0.98!A+!F5JD&2,H"6B 5DSXIRIQ'+S\I@G=^+]U[0&>5-B_![G MB?Z
@OI+-%$E67LX2N\KJXN!&+4%QW*,N20OT35>;7_I3MKL1U9&Q[SU?O1IWBG(= CJ^B+1=U!BY"L:Y.<1V>CJ,5DBE:7*'P*B3D(T?J4 MF *6]_(=XAQK(>W+73\](FP/ZJOY<'MP_OA-
4F<48B&(Z2Z.ZI2&T\;5L A M1@JX(C/8^GGV8RE>JJ1OL%ZW;^F&X3O&=>P#B39DCCUD&HL^LT.>%R+/"*BK M)U4_.AC&4&4DNEH*XE)(=DT#Q"=/O^P3,@L,T8 MK#[U-
"04NX#^ @E M5P\/NI7!2XO<)^O!UT<,%+XDH*!% 4SWC.*6[UO3;/Q6(IS.?@'XCM"A=4A,@+ M VVD-L4)S9J7YQ[7$)YQ!HYE!_O@W/K!G_S!L%7RZJ=K%$RRS0-_&W+P68)5 M)
(VR'B%8F4$@IN@DTK[7IU'5CN&/?ZBWP7[6%KC&9,@7S.L[B82^D4@K&PRF M3*<7T@\LDX.150:>7?8:0Y*^ERH[1S\'30Z'K?5'R>U]T^*WO5:2SD+KVMNV MUK
X!IZ35Y)"")E'^L/0AQ:Y>_1S4.1PV!I3(6^;UL4T=\N8E*27M_HKOG.0=EC0-NXO+F>$?>%E#>,3 :R;PX MI]A0L$QR&:'HO."Z5R.Q'<.?@RX; ->X8/A"/#0OL3&O)'GBTD)9W=NNXGQ.
MOGZ.Q13+?)*JUP';/?PYZ+(!<(VK:VFK<%U;!4NT1PCO@'Z3EFBB@L"0 6WY M!4,1VO7=8[N&/P==-@"N837M2B3S@[@GDMK$5 FML8FV?12Z7M"&2JUB O@@ MG8TN6N7[/
S:,?PYZ+(!<(T+9B_T#_<=-+79]@W-J[/3(&L-OG*<0?"K^-A: M'HTJ7O+(^&7H=HGM,>09*'PO@#D,8E&6Z+V&7;);B M*R_)+9WW[N+J#8I%B+1D+1*RG!QTDX
(3@%HIF40LV*\^AT:]=R5'O[J[CGLPX:E? MQ1^.7L-\X*T0FS"KAQC[7+;W46;[S_/Y._4!X&^K;P!R#2]HML5QVCN:K(!4 ME=\1O8"@)0,,07C&D\#2J_GL2RMPQUUX>_WM
UACO=WP7FVBXV!\5-;3]%[2 MX6 U>,$5<#2H-*V+-I8&FGLPZ?'.QD&PSUI@UO!Z>R4(074GB- R2)J.G"KR MIU3T%$P%.@BX,$&F;$K0O1J[/Z>\^Y.>H/(.QJSAEY=Q>?
EZ.'*_.\3N_/>EPO9C#\LX;8-?XT'\A3C%.U3@FL ML+2_\XS@F+3@G+%)9:8#>ZKSY&O0X0Y'9C05[@-9XT*AWR8?5@\G;]N!K[GK M<7&SX7/EC3>F@#%UIY'&@4/::;QRS
GN"LK0)X7S]#3'.Q:'83\;![C&57P; MT6Y3Q2^^UT3'8/%9Z\Q@Z I?5']_;]AS?O-C?? M(3LF@@5;CW&57:QLF[27B"R4+%:ZE/JHY]Z8IZB<0R%I7&_W9G9U_25.PKOR
MC[!8A/3Y>H'+Y>:C#BX*5S(YO=F0S4C/P,M<@'/CO$EUT^]#M?7D)">HO':@ MC=!JHA(!++=[6WH51:' AY9&W[TBHP**:P+8D@.MM'B16S_*[Y+CU&.*9A@W M+,_:)=.-C?
>1:J0G2MT2O$:>\8$!L]P@.E'=)A+$XSCJ =.>XJ)U<[M'0@2D?8]&;"HTIK=Z9A&\,SCI&/9P#XHC]%*Y/8V?7,BV9@+;7*.O#Z10#F% M=#:1?
V%,0AMMREFW5OLC(8Y_Q=E".]L,X8.@'>$M\II.Z>.&3NFVN+3X4KRK M-(]DT\%$I)5Z)A-%W]JXUCP$'6*2[-9%ZJYJPJ[A3UJ3K6!K_;[)/"A5U1N16$Z) M2X:T?
ZAZ2XRJML(L8"M71D2M8[^ZT.[A3U^3#6!K_;I)_R#N/9X3_D8DY)JL MBR)*BO9K 3E9F"\V0E'1"/H]Q7JUY-@Q_.EKL@%LK=\VF1^D[;*NY+-8-XX5
MGLYX5C@X+2/M^"5CXH;%V&M[W3'^Z>NR!7 -'S<]PS%:7,@LZ @Y6CK :740 M0PG 4Y:VQ*1T:-UU][40N8[!X]@ Y=')F7['K]?S]#DL,/\2$MXT7E$Q9LR% M@2S:TZE!TL5D"
[#HI0B"IQC'92CM%.L\K*(U_N/F1RY3CD%EE2#HE.J36@V! MRP#>99]U"3:PUGP]]Z8_#Y4?BN<(1%WOY[.$F!>U+(Z3.O-
M]6*YN%2!Y9#J@Y%B764J4>!YR,"RXCIDRPQOS='ZO%3G80B-T1_A;NRYQGXF MDYMB)(=*10\J*K)<# FTY@ZM=RBT'^%D>%6-%<%T MH8#$J+J=Z53 518SGY/4P06-
^JG:KN&>PGF[!PE+N.2%TV[D$Z0$I+GXB4"P2"@\/HT0$1;=&N_\5FASL-* MVF+?F)3CW[/Y?RH/=?@Z68:KB_R_KQ?+52>V&"2)1#N;Y[436ZW>BTQ+$%I[M':-
T_9*#N\8_;=4V0ZXA+4?W.M_,IN2/+B?Q"M<_K94DO]=F9+Q2#6 RS-9- MB)%/XLDKC55D"G&9,RSD)U_<##\AGA#NM.UC7%VTY_]8]5+]OCG +J;YW?(S MSC]DUVVMH?!]/6
M9!\K"3Z$:HO?)T1%O317R9DY>RT_K8L[W\]FW2=VPWDUO?F?5 MA)M.P(^SBRG9>2:T,$]Q03)SP=%I7]F+#"C%R**=\""=YM&CX$7X'E9RX/2G
M;RC'P+TE&4F5^;XM7^2\0CQ/H6,1*Z'48PJ&ADJZ_-G=2_XW]=3^:X#I/7;X,NE:,= M+"@'+&H.*F&E/..U'Z\VRG&CC.O#^[?/G*=O"*,AW&$*@Y]L/%S\CV$Q67SX
M.L>0WTW_%>:3^DRE)DOXI>6I"%W-U=1K$U7]X(,G&2"!4L1E0BC1B*[93MM MDQE5$QTF,SC!^;^NZV4K;6PT8FV:C7E]\5]"#DK5U%D(E:@B)K+BK* H(YD4 M(I7<.E;=(' M
'Y,@W#%*Y2U;-RLNK)RVA^S0HC>2&.DUK9Y&]S7WOIP%#O8!^>1*>EXJN0^ M3H-&^D%Y*<'76F^A-(M.VE!B>D+E)TU)=\@V/Q3#AA6SC[A0^LAQAI1T>\&_
MB_L$.S&I*3S(DC.F0,=,X(2(H#C@4/**3J=='#*8?]->AP#TJZ)BKC7T97LANYN^;!]8&O/+ M/4WWI!2:9%4$+6I:T.IJ?FSUI,4SK4@MJ==EWBOER#I4?>U &Y.,3J$NV28%
MN3BRJB(0?$GD3(4H1%&22^Q3M/%*R.@._M0.A60T,KIWGR>SC3S"<>.E!6Z8 M!"5%=:+)T/W+'73&4BJJU$;,;0J][PJ3E.6HT#(1OA94DGZ:#.1G"9:B=G
MEJI,#F*.OC)N).N0J62VFHF=/1WKD&N3P1@?@8;WQL3[2/57I6/=2V/]J#@/ M@?MX=*RN")L][47)U]Y0GLP](I? LY.9V6 XCKT-O#8ZUA%L8!^4&^<:+MA]
MVK+;9K8^<^%SML"8KO="E2M8NQ3J+UC^--79 /8 M6G^0Y@?K[AG71B2:5.E$@;8,IH#B,4 HQ8&W41?+L^"Y3V2[8_C3UV0#V%IS
MHHH'E)"W1(*^N+)J#QY7;X6%J_T6C0+'BM3.U.>#O4C[NH<_?4TV@*TU)ZK\ MP=RCA)2;)M#HA;.UQL%[%VES(MSRFC E'VP(<2RW5AKU^[:-?SI:[(!;*TY
M4>D@OB<1WT3@V0OO0[GAV^5)T@9!FWY6VC$>$PG42Y&=HY^^'H>#UIX05=S; M(]3&LE@00BHI02+ ANY,(SYX'2_%NB=PY^^(AO UCB7>*$?[/9]
M8US>>D7;NH2\,BXC6.U.Z\ :P[)RTL?<2Y/=PY^^)AO UC"5>".2N[=-*+$1 MB0YM4S !%XG.;;(F<+QR:R3O4C F!MOKP7GW\.>@R<&P-6:4J0S8]XU+;BYQ M-
5/.)@:61P1E9:9S6Y.M$>Q.21'+]AN_G<3A'<.?@R8'P]:0368EDMH8URJ^ M51OZ:VZ\3=)PX"54#C3N*"K2'D@>ETS).;A>_D[W*>OR0:PM:9X(>LR]ZUK
MDW0RP8JB@@=1,Y&*>_+")$GG-<5*AAEFA>OW478-?_JJ; !;<]X6=?XIZ_,%L"UIEBA*/>!*^9N M9(I)28=> 3>T-%5(.F=S@A"\XR8:'_JET+N'/WU=-H"M)0/*9IG=S;2X)]\Y
M!P/2*0]*TL81LLY@=,K)6R37K#7M\NON5W:(VMM!W)KUY)?)M#*_XIA<=&?)0+2BW@1P801:+*EOQZJ.X<] D\-AV\T$:E:N2(=R,Q1NI*4C[F?
E]UF\X!JAP,6T=QP;!\T(Z&DTDE,B(KP?):A(16 M@!="@S;<"LDR,Z'76?G^W0.N (;#%N'*H>6_'1W*90R&IMH?4(+"HD4-^"Y
MHY^E(!-3R1G3I\"JV_O.$"9PX'KT.;!^:#%?'GY>YA^6E>*LL!J9TD/.IL: MT49!$:W,D)"GF!4YVGGK@.Q.&M"H]Q(&]*N[9,&#"4^]6/YP]!I6B=P*<7LW M_KP8^Y3#]U%F^_S^;KW
>!OJV\ <@V+*;?%\<5+9R7MZ]8IVN$Y_''$OK< =->OM];*!;PT M%J3DB5F>/=MN/7Z0YAY,>KRS<1#LLQ:8-:Q%7PE"4-T)4G0I7#(']>E<;9M$ M/\NUMHA;]"ZC\:;%(?A@TA-
4WL&8C42@]E0O1!X8NDH:QBF0)?$DAQA# NY# MP.BSM7R,KC,GT8-R* =G*]P;?M,[KFTNN0P>%9TLVM0*):L1G!*%@F&?);) M$;!H; 9;(IR'VH?@.L+7?_]RY]=)B).KR?+
[9?)HA\N$8-WRKLA'J?I=L[834I78;T!2Y*5V[(&;HK:" M!?<4;^+9=!T?HN1#\1SAJ?=.KGA520N8!#H^$EF<1?"\4H+H'&,NT2C'&JOY MU7/R#U%Y"YP;YC*ZE_K/:?@RFR\G_P?S3Y-
%JLV-W_Q"YU!%].\^JOW&Z+_ MALO+' KGT0=@H1;+>3J,:!T9I"6H/.-%VW$9M/<6^3S,Z9AZ:_A"YWZV=]/S MX,WU?%Y;:RHNG9.5%1%Y7+VG!1>5!):M2,XCYM3:E#K$._S&
(IOPZ<\W1A[*]1-H]V5U_LN7DT^U<:ITTI"3O$-#P5RU!F41%&7CQ RBS5[PI3/ M(^X)NR4[#PL900L['QPU;1OT?C[[BO/E]_=78;H,T_SS?UU/OJZYYN=SDOH;
M'MXJJ/_8#=H#';B01BV!'LQ^<6_V._,2CBF9D@.)GH,J%*-$&0Q8E$%&XU"5 MUE_@\U(-CF=O&C&]*SOG6M]5JNP%1Z,@%$7>N6.&+%^OPC3:+1UMDMNOOX<'
MNSUE.U9+H<8V\B@4'D,57;FO8[8<>GCCICR7!A,#EHRN3;\IN.?*041,Z*+C MS#6[7GS)R_YQ5-E9 ; /I"->'/<1X_PJ /8"?\<-\B'(C:A(+8PW-GI PWQ] MB"LJI;N#$I-)1;F$O-<^_](*
[%4!T$)_^P#6F ;K[SC%^Y!%2U L!_!8+'@EK/(LYH!] MZF!?1.$[-NL7U/<>8#;6\TH,KF@KXYMW^%DDE^L[0?2&-K&2-01M S@,B'5C MT]GV4.WCD8^7NVD.^JP98HU91E?
2_#9;KM>8-W6>D:<88@%?7YBI6N[DM/80 M';J"TD1M^QS&G8.?D18'X=;X0WSD45PL%K,TJ1>6_YXL/Y,+$CX7G&_PF'[Z ML-R"Y3(]HTSE/=;,5,J%3.M LLI(IIF24-X)TT/KPR4Y?
I)VI&3)"RAFA"JQ MG_#K'*O$)-6E5CH%6R24E+"26&$E<^"@*3@1(FKG]19C5(,;G[OYS\8T!H/; M>/_X'3]=7]4___X3DCG.P]7_FA%B_ZHM2N9XF8I S+U^LESC_,RO*/,,>+=4G"
MRB+Y9?*%57V[5^T;-(T2O#61NA8XY)\%:UQ/UE>ULS&54I8Q0>_:$G'^? MSQ:+VBZZV!P2)*L<@< 9A$Q.5B4^9$&JK!P_GM&L9/HK&* MRD9D*9IKE\&;5.IW%
@'K\BOTJA4#NA5:T[$RP;V<=&#BX;V4<5+UTV\BQV M/WZOU!BK.P"OZ#OF!)GU)1-D4=,*T4(*43D1,S.^]:NK'F*]^IO1OIJ5C<]7V-9V!>GDA$Q+9%Q;JXW5&T:"*PH.S
MH8#P22J+2BO?JZ+M%$SGF4:0K\%R]E%'Z_OYL/AILEC.)_&Z0OW/Y>J]ZH:L M@&)#S(*#L")5[NU,FZUD8)F*RH<2C.AU.?_$'*\H.CM4(;,1T&Q\NTL.3B*I MTI9
BCD,WD.VM5D7Q8<0I&*@$V+B0B1O^ZBW<_#STNMP_!I_MA3W?]FV+V,U M W'&,&0*+*97(9+2E3S;E\=#GI&^RO@ZZ6F#:^ ?GM=J>A-;];?L;YC4Q!1X-"6.
R5E;2G"OMLZXDI4FIP$7P M?2[2=XU_7@IN@N((S^!WKGF=CN=:1R>C!,YKD;W1M4-Q"C4=CQQ]D4IOGI&2NA//EI?:M?<'?&8P:DG[VB?X-G?#OYI-/DVFXJHPW(UP$'U?P,>^27U
% MQ[N.+L&D@%:#E$&!\LF 5RJ3!T^>HXM.A'(T3^K7HU]'1QNE2!2N8J@=#"A< MH?@E4Q!3')-9:J%SZ]6?X'7T/C9R\'7T/JIX+=?1]2'!:L0?KQ>$UF+Q83WN
M^C%:4;QV1/5@2Q#UK8J"$"/]0.<,MXXS%9L;UU,"O?HKZ+U,8-O.FJEB!(_P M1I:;6+V/,"-=,S\0Y&4NE!LJZA%WZ%"41U>]YMDA4QJ,KVRUCBEPQAG0G F!
MA46[W6CH%%3^S$7PL32^#[B-;XTVUUCOOMYD23<)TOJZT5F&P)""#0IE.#CG M+)ALN$^:%V/Z5&#O&O_XX=L R#NN_0;AU?@J=^N*^9%H)K(0T @*&9'7M=:W
MY3I"0&^8%B1AYCU4^?/) 'Q!MI-S8TNL=;Z_) MQLX1C*?+!T='V/I,E9&T0;NA15E+44 M-RY3'SEZQ///:_C^K,<-W@?#/VN(W9BZY,F@,\B U<;$RFH+P3F*1*(KD:/3
M<;M[[*O3X8YH?#05[@-9\V+-J^LO<1+>E7^$Q2*DS]>TR]P6)SETUB@K 6K M'7)S@IBB 5E0>"S%)-ZG"O?)28[GM0_#?38&:",4=CR=*[(Z:6Z< Z_K@WN= M @2=&%3R1L:]\":J)
[[.D\^HCWO&MM?!* VW[FBH]>B\=HV-+1_IH5*'MSP=/NZ$515I'FY5J39/UVE/I[32^#[CCOIMZG"&6 M3+A4ZB6AH@.*7)B:2*RDCK$D15M>W&Z[<(IIV+T4L$<:=A_T1CC>-X?
7I1-: M6XD& J_LRRK0^K2-X%42HJ)Q;;^>C=S'YD><]3TR2!<1]3OVR__/WMOMN1& MDF2)_LK(O&NW[ROOVI (%8@ MP@&8.P)@5HF0L3#AQU2/FZFJZ?(MC&?+6'+-
%K9&")YTAFQ9'>6G$CA!EB57 M4@@M'3&[]=3;S4C.6?<'R+R'P_H6S8?R<-UOJ]3Q2FM;\0[0CM'KO2AE1Z,_(?0WN/BUS_3Y56N_9C66UVM,(NN M3@7UQM>I??6Z*-
")60(90HG3"=>ZST<77&=)F];ZZ*%EXMW2@,?D'DF=$\.L M 9$+4%P1NOJM%IHL0VEYZC9J:)="CR<1G2-/&NI@:[5@TUO>);#;/M!W1ON] M_E)GNLS?36HCN##Y,;\9.?
YV.MO^G^U_+=P;E ;WR,.(J5'2^XV/?,MI[@VF M5#)PK(FE& HYQKKFHAC., I+S.XK;OA;LZ3V]2>N(GP\6XX8#"VBU$IK>F-C MM)X7.6!=O7F@9-4#]0GUNCF[N+\=C7RG4C?
_7IPV+=/2<53W@Q0X"9(<)3/<^ M?/AY2WN+>-I2/KTJC!6L0T8D2"%K"J079-(6 A0U(TP\/KIE.I:BGIB3U%Y/ MNXBEAX#"=F/B_722KB>YZ^@9&9&T9T1)/HBOW7]3B6
2VAV9SX3?.W7Z5T@Q7,UU2_;S\:GX['6()_L/LQC(=Q9#)]] *BG,.5"H% MO-$6N)'T=V&."]_E!=_EH2=+@7[%.^1&L48XKO[*DK1YI$WQ3EM%AQ[1567F
MP!F22&"^9J5K9U+KX1N[X#M9UO2NC!ZBCEVP?L;%XI*@FAR<*XSL4D4H"6J= M(X0,4I"(,0?+7>L;C1W@_12TV4<5?<0=MT']A*NRAP_EU_EB_)7D,\K6&V:$
MKRBK7R,#>$%GI>:98S3,F] Z?VD'>.?+F@-5T;ASV5:8R\CL2-6.B75@HC6" MU5H8@M63K?++'/ M!R*>BTHS1IM6+JU#=EO!G"P!VHKYL?[-((ZJE"&R.G@\8Y2@:HH&P2M@=5")
M)69R;'WMO;NCNL_%+3D*88YO1GJ]?23/ MH21MI121?CO4^[,9XLG3IT^5/&:0[^%V]S9&\7M8+' V?Q]F-1WR.^Y_3?O\ M9S:X;]T1>(.*W0?AG/FK2;
[C:KT9S^O]UM4,;ZGE@[&")0^)A5@+^BWX+ H4 MKU7Q0BC'N[53WO'!;4;P/OVPU2T4"I.4IO?&.*Q^ G((/C+P160;"OWOX2R/ M@U8X6$5OO[K>/*&WM;R/?16[J9J.\RA4]
K0FMKBPGH(#A%2SE%H8;673YGW M)U'AVZ-&GZCTW46RO5:'=L!QAI6^.XE_:YGH'K+K4Y^>(FI\)_O^W.W;(7G&H<7&IW- AA# M1;ZC1XC.:Y#%9BU5"JITF2%]]S-

*/5D5[B*2'""\|;X^OFLGTU14]P6YMDD>OQ74<4KEFZCN-M>3H<(/<>,F&V-[1"8+()D$0AE79VK8-D;>?58BL#H;2RB=6OJ@0GQ3'"|L'S8-M1=R-C_0/WW$VPS2EOS#_+=3=\>T5+B>Y\[F_OTP;9AK=@+CF5Q<8NYSJ753<-M_@5^_NP^0/@/U7>_Y!KNQP_AN$)/ETE####4)0+$,H9!W8IP*SF@>:/I34.*6ML;|_G816&.]_4Z2^GKU|1J{5N0T2NM!R-I&Q1<'+G,+TELTW)=L3*?V)<]H-M[MY#ASL]#Q+[M(7,&A^+OX<_[P(Q.,/5="'"C-'5YH.I=#P.4Z!4AT2X]'2[MG_+N/OO$R^YS/H8]7<5+!=#PNEH_X3_[PKG"\R^pZ(?}B*\~C]HFBQ&GF?)-M^TW2M8A@+0&B0/6Q9&N%&X8+07+?:I\/ ML.42^4@0#SP7C2M7Z(]M=?"B]Z")3O>,:C=VK=RQ:.[*%4:P_PZ[>T.:.8T""#K#'^E"""ZX&S0!9] MMGUN7?^[-]B_Z'>H!AM6B3VC]#EPI4I M8',4M4:5D9<@+"1A%+>2&UFZM*AX_DGG2(X>9/R8 ;8- S[B9#+_9G]/#L(\^? M$VVEWK>KC/,&W_MET#D3OAJ,KD*EW<;<(YDY"(Z3)!=,;>(;M()HZ9BE#4YE MPY1"V26!KQ&[0\98#Y+TA+M@@^/TP5896/5(NU S9#"9R50UT#D%& BDE MF]BB8GXZYRU;1R,!!A7TEOX$/A\Y@^8CAGSA[';Z%5'MZ!>Y$]#T# RIUGI37-M0,D9(61&-%@SEVI(1]\#GJ!7):M#GWL'/9<.4Y7'S";_CY.K&+7I+HOD_M4Y+BY\7X6Q5+%?LDUZG0M7YRU5YI.5QH)%+TM 5QB+R0FQXO $E"U>BB%D-M;TETL20.A'&N7!E2.QN8)8>HO\HS88%^-L^NH\Z_$[+:>,C_EV@-,MST2T MZ)RFDR&%!"J%VJ&?W%@G?I?43I89*ZV M@V6@.%FU@0E?^X.2R.A;XUJGXFR <<0,Y0-5^[3KL+.(>ZTT64*ZSK'O JKW M\|J(@(Y=>K2GNIY6_P&R'HP(+FG'C+7 E",+)1<%+K@$EF6RF(5A*K2^L!N0 M)U+C?K4_RXB;EQB|/=)+8BYF(S_N|[M+87R"TY(N(OUM*&/T_EB=M-)ZOJ7 M=TMF/#(?CKS$QRM!R<%:X.JS*$-0AP69:,.FEENHQJV/6Y!\Z27N7#:=5%3549[3OUX:4W_PA_XAHLT\+;]D VD M(LE1?=.J;,2S+ MOCJ+8^:J~/E[\6&X56W M/N^4#]=I&^:?4T7/Z-/]QD\N:MOP&IA>PLQTSF>(=;ECQG M%LB"5V'"9CY&IGSI$HKI*A%2$BA&O;?:0U;5VI-,@;/QIV4#\;[3BWZ;S&[I- MARA"=)!++C7KC!S[*@7&G&?HHE"Z=>NXYS"=,BUZD7O+,*}[T9_9!\O.%C_N M.FP2!?.Z>&!"TZ)5J6V1Q#++NPP.K2>C8Q=9ZXA&GK-Z6TFN9LW6[T@G^]IXO M_DK;T<6/^^>.+U&7P#4$I+6J)!+$VO;*!B9X34Y*O/TES'8\[\R#YO)NF?"U M!K<,Z:[25-,'4;3.<2DA1I/(SS?[Z.Y"6>W\,D7"RC]!].%CC[-AO^1,NTYJJ.?)COL U/9G4,JA(M#H-83NL5%ASC#KPPT]$>9]Y!X$KHDL)S6`)R=5+!+;)Q=Y-FXD*3"]D}U/GW<'D- MA|A,JU%U6A^92F0P18B1Et.EH"E,A,RZ!LUP!07L) M4>@ @64EC.=<8.O+A7Y!]9#U8>YB80N3")> Q MU(H8KR$RI!.)?JZS\Y;+GG,57D0$KD_][R+B'O3^;#U$2!9%*@@ZT_FF4&?R M&\B-$#H7(5DIA;6>>G(J=2@[J6[7.I1=Y-XZ1O>LC\$3X]X+X&*52!D@DD$$ M=# JQY6LHW!.W%\|5,_-Y=@ZC/?(^PB!%ZY]=]Q LC\#[6!!8)E+6,BR^RQ M2\>>%^6KM=#B89)J'&+|4,HJ;WW^.5SB,/.74-."UD5.W$7O6&WB44,\N7!PM?DM(1BBDN:)=XFC/_6,4U=E._DU#I'!QV^__,-5_]^K5;+7?-G4X!7GUX1F MS3EEK+>!W.',B',.TU>;_$0.E$VV&(SKTA#EN>>&Q!1*%VE$^D M)QURK45.!$IS.NN%-F"X*P6S=M+V9V8?NY=_N\RI=D+NM2+@)I:TSE4G2RXI M*20X[FC?X5F!*V05Y)28L%IP.F,ZSW5X>74!:,3FPE!B^R7FYDZYN) M<.@N& MQ0J.E=J7*X-.F@5&FQ>*UB--GP1TOG384^BG6B.034T-(@_#9<_]%)M$;_0& M>$$=A DRV|"<6#]5C|KMY 6#>L% M.C^KC|]!_1;.KH[@%LGR^,2-+OCW|HFH(F.M]<3728 MY%Y>9<%MA-[F4)8M/5B98$*!.UY;M MJ;^+B!M?72F'L:UZGG_X_+4D_Q+R&XR+Y6ZWSJ6) ;/-!CS6P6M:"OI*13"OF@+0^O7W22V\|B%GI-\#)=CG2WP7D[#9U0[TP%'5CM>F &U/"HR,,D?Z+<8N M.>';/O^,%+J_W!K&L#*.1[_A1;C\=;)8EZ@AXPYU2.!%9* <>291F@36>F+VP-WPP//P=@^5(Z-5;I"<GIY]36.PX?RX?LS3E!US436._N%M<_QK.+\2VFF(3(5@:0HMK5]-;# M.JFN.Z(&6$063-=)Y;1 E27XY H$ MXU*D!0H=VB<80(!FMDUOZ9\(=ZM%T_;N?CS_YVV'[>L92&.)F?]fE"@1?UL%LJ[^N*4-&A$DJ12"T_LA53*20=2=#AR5E3#+SF"K*USB-7.OG6 M*8]/X1DZFMA$SU\YZDX7&-[362;A,3X@_[+:RNI"[:>KO"?PG6D',R' MS4B&OUYLIZU!>CM_^_5=X#D^G@<K%^@%#:&KM:+/+C?VK4B!DE(!H" ,>&164[M=00YM@*WV%?M|;>+P!KK[7>2U-X6Q]2[$+A))160T?!OO-09\[. YR$I86G) M#V^.,]!+)/9I"UDUMG=^#W_> <*ERU&[,0XN+I%';.D$GO,/ 8 MM0^^4USP.>7=?>@)*F!OF??@K?PVG5R0$?VUYEU6 VVYH[C(+3(1@?O(:_/M M")%L*!!&,2Z$"DZVCN]NPG'*]DTS^3:\UMR&:3W4L@.JG@);FQ$=)Z1UN,:>MH< !XAY@-UA/WW FL43VA!39@4]T-_DB.6U+SO'"R>2(K2??#$F"9P)70W%@ M%RGWH/O/.!E/9^-GBQL_.DEG+*>33'&706&TX'748(K$S)-BZ%K/>7\$8OA8M10OM3%N*MJ&5MBGG-&H=F>$2BN"U/S"2LV #(T!+H"WG:/&IR34O/ONIY4%_^ MJ/P.YK4\2MCI@N.,L]YW$0^ VE.E]9-=GUCLF68SUCHX3DXB;TH&KUR'2R!R8 M\B;SIQS?EZ##';+>FZAP%Y$USM-]/_Z\3-)9IYEBLH96H2NBV"U%)&<-W#_M.T'KM%V%UR6CL:F<>Y@6L0G7NJ5Y!V0[^;K; M41W'WVVCO0Z4.$#T/?@^3R!$:5U@P8"MZ0DJ:0ZQ|A)%&$8#]9:?>*D>;,_ M'9H3NTB\|RXLQYU<|UY<)3.O$]A%\#'$.I](>]H5::4AUA+TD!+G2B/+K1/& MMV$9WBMNI:]-LV4.%78/UL+MB?A^.ODZG> BS'Z0 U]'EUV^^EH'VHV,#8*A M-$#&$1DT.0P!9 D'W4H#^<$-DSJV&KB:D=OS5.(&XC^4B+RE]D(]H" >&164[M=00YM@*WV%?M|;>+P!KK[7>2U-X6Q]2[$+A))160T?!OO-09\[. YR$I86G) M#V^.,]!+)/9I"UDUMG=^#W_> <*ERU&[,0XN+I%';.D@S

M>9EL7W.I[B,Y;]+1+NP>2K\W+W@D"]/.<[,J!%$R>/!<XO%K9\9>7TW^%2<*1LLDE:P48'@NHS!WX0.9[*)&3·MI\E\JT+^SO .F]R'*B&'@J8'T%\CXL1*L%WXZ@EZ7:90K-1KJ RCK"T06#21N:MP\E1QZ#-4< MQ<(\>NAX7_EOC:0T30__N$KA">M+[8T1H/?DS(>:_+[_+OA^SVF0^-U@@0=F M>=_A!"%K'6Q:-;N8U]38JE=UD7GK8@!LDH25-

,?.T{@5:;/A+/20!?\|ML$-WI-MW\/'CYK?/NYI;8QDO]4Z=W*Q"^['T H(P"K1|]"5ZGG7KZP[M.[P_SCSSQ>A3F%RLT@IK -M8.N%M"N2Z6<<@UH'30B9G>6$@ M8J?(,'WJ'3,1=*

*[=;NO?-R%$N:&'Q^_+<[P1C/7K8 M=.P#A/|0?0=(KD=%>]I%\R5@S+ZKA;*6'X)(#%!-=;|^/\=>KK|= LA 65-%@5\U=$F0&[VA7*X M.IP?<9#8IRUDUC'G>*

*F$1'4+Q#"),9$_XI0G((R,B6!Y &V-#]S8[&RGG+/G ME'?WH2>HO+UEUD,BQ]LQ>35I7 N>R:>YJJ;2ID>.L"\BU0SM<&:JF#'E(F_IC10@O.ZHW69YQ]'Z=:IEXVH)W_01\Y MW_RK=95,A[7L8EKMP*N6ZQC63FM*D.D+TVX/FUG3-1G&D 5ZA263K*80((2: M)6R=UI(7X63SUILOGZE;#-*3(>HN2FV<;OMZ^O4K(,_$_/9]DN?7QS]'X9Q! M!SXK XJ39"+]!$K2Q7'&C6$;/MXW@AM,/#A+TB.IZMI2T'W.,/SL0WQRX_Z MY_*RYW58X,5T-KX>S\MX#KOY*:+'4V:KSS[#Q.\ZV.VO MOG350PG0!ECKDO8.P'HRN+;",H[UU)LZIWWJH@?S>.0 @"P;'31@J%EIDF4(M2B*8Z"2=-#IC\V2/@4GRC.%R?(ILHH+6K2>^3&>+/W#V]??I!'_'F;_Q,7Z MV&3!*E]*

[N$TD=AD$#H5SY(L07;IY[H"\>>@UD;R M:_RZOILL<#99YHF%RP>P1 [<:4\&53)8T\408HP6N/$AH4[";/S-V3<>.LC MSD&OK2380|#M[?*

*C/=5WQ7>\E*Y*TBK12K&E$7BKR7H0&@UR&(*5PK/4!O1G) MJ:N_H9P;FO,9QZ/?\(+(.(%F,%S^69D;A#&-V""73R]5HO<0@I93"\#CFL;'RR*

M(G.Z=\NIM_G3YZI6WZXE;»QYXOG[=H=)M6"\4H:Q07'X^XX;,MKSYKÎ[MU&'JL(/%/YTHNX9G\2,\HC:1)UL/>*KMH7.V$%D1M?.#(-):Q9Z\NWX),MSB M)O6FPEU$UH-*

'_*"CRW)=P5D?ZK@[6@@9 +QD<+SVC|/&2ZFDC,VC;QM@G.[N MW$KV/53'/@"T-C.Z@.HIDK81T'&B; ->KZVGU'R#K_O>%/W 8-8MU\'1A)M3A M-K3CH13T%9-

!>RNLQ],EP#,1LF'TOXN(&[O5?Y_,,$TO)N/_QGR=[W^]||UZ M*N\W_-?WP)M0CN"N)6;|,U]" KXE8Y$>(G'Q,483,Y7V", FJ'(ID>"^M@3JG M1]-%XZ2X9<"HPQ]<@GH&L??)_-

OF,9EG/CAG>@"]F&&^58@P^>;-U#2M"\) M-|YHW@Y.E(@>DP>IDJ(#F\B-W 8B^NFI_8DL|:&TOHM@>]+VVRF=M666&>,6>114Q.H(-8DTZ4509"=@6!YWXEM%0@0-"*

(7\'10K8+&! O!"ZVCU2RHW%_$X!Z4\SWG6^]@AXX;&V"M M7X$.P'J/'CP =>P(P@&]>YX.!\B|UTC"0X#<(LN8$+136"?C6' &,S"#2]7B

*M,O.MVR@,3(C.$84A^+"'+N%]>9*&D(.B$DV"DK!5&*D.0R(3<)V4,/PGB"P< ML-*VT85=]-&#)?(VC&>U61#^\N/FR_\8XXP>\N7';_@=+Y=ODM:>NQ(=.%6' M;Y54:H6:K4-*

U24):HS6M Y;=@)V_G=#AGIH[W40#[7<,=>'+!0'>*_?MRY@ M>S)E=@)ZT"*M'C2^C52]J;N/"M.=0!NM=-'\$@5X'7.11D=LHHG4K&%Y>K+74K/5?.6P2D89H.C:..4VK M1$X%BR*

#EYRKDD5NW>9V,Y+SMW\:.'"CH:/4:WS#CK@ZBU*LQG3L8(TA^OM-M62H<(/1>0C1;\$4O92Y90=@YWEZ; #XS!3%IX;)#YTWK$5K#DN'9 ,UP7-A% MUGV4QJU$LMH'[VV-*

UP>.YD@$QIXCH1/:MH+T4/0=?P$((+3D+B/@=3.[P'TY@M>|\|M$P+UK:!^QF<|L+Y>1?3UM<8Y;W[Z(5Z.+Y8U2B/AR.Q2I8!,2M:*4I, ^79TX MF1T?RB(7K#6==D-*

*XE%;]!"Y^UEX^+OY$XZR"W-U?$Q_0S+A:KKLQS/K(8N>,R$.MK*H_.HC8MK(VA^MULZ-/Q\"1^-TDS#'-\@ZN_WTVGGPC]33#TP9I&CKP+*

*M%5**PF*F95D&3AH+/&3/.':?.!7N89M)X%3\'1P?5=3]C 1^LJ,X+28O;]6Q!-MD->[^KW-_CW^N7A+H@V7_Q?#,"2BTSDZ"RR'.E $ZX,/.*2L!3DS.1K5_VB' MG6'_'/SL5YQ)C -\Z,/,YU=?*

*ORVA_GV.^76X3-7C&4\NZ%CXB+/Q-(_3G828 M!9)_FTXN:@,<|O"O9I,/]XX-\Y$2403/Z%WCW!!79#U9)DS2F.&SM5*CBCW, MK^QU33\'E8_(@QYF'CZH3IN/N/)HDU*

@8QEI:#]%VI@4SELI^NI-:[Z$, MV]BC@^2\-2U[*+E5=V9]36>+,KT<3Y<+^GW\9_3]SH|>:AY5KL*8=>1?5+9I&*

*M*P1M*$GFY:P]00>G0$@VQSI=4W/]$TRX8L5'Y]N]4.ITR"08!%,*8$I&%:\R MCZT#PR<\X6H7SAPVX6H7O;RL"5>Q9-K@2P;:F!4HQPM$LD+KC(O,1Q;QV2M(O,6D^XNC=J"*

[/1A=P8,.2[U-F]9$*$_M+(!9[K3/4ALG6RCO98PGVUMY>\MLD%O.I;V](\4R48$'C-M-*RFMC&/H.F. MYSDD*QY.X_AK\D(+6ZEO7?5P_E$6]H.P/Z:O''"0.KMWU=]#%X-.7BC2UXM3

M"44:#DKI"+$VGK;!!43K7=*M;Q]/=_)"/QS9106-*\,) _I [>.XE^VE1NC46N[HU@$1,-K]R-A.4HF F<=U'DB3?GWU6DK"?9B0L,%9TQ7LWMD"[EPB0]X

*MKNDP4AAP)9!!E5V@R/G;*M;\3&.4U=|,QGW8.-]0F+B_\>MS8W=N-H_R)4 M(]YV)-)=E-ODDXEG=W;3RZ0!+1N]VVUE9.1GV5_ @O*E?9'L(1EVU52/ M^Q()Q .2 @\.&\49C"]*

*MDVX[5I:UH^>;+.._RJ_+TZ_\T^H$^IM__^]4/MZ;$9&*C*F28P=$(@)2P:M:C'.A#CC.1WWIL:,^K98G*-6ZG>CTX]E7=C56U8\WO:T)74D!1>S^Z+91FF,WC,|Z[E@CU4SVGI7>$*

*N3])5/)!#6;_9% M2$(233K\0>)A-*X =M_S4*&%2]!O\>,D =DGK=4!@@EKRCA]D #X*A5I:OA+;E#A* MDB6-!%*8*LDDX53OJN8C(@,8A=Y8,H QJC\0,@"A(I[\B15 DEVI*CBP599%*

*MINR+-1_$R88K3RWW5^.MI?T4 O=R"G0&SC;:7,]6AWF+9NIAF*HE_YMOG+HL?HUZ@N_WQ_TAHXI*MG&(OTS?*

K[!TT7AHI@ZT2:C5\B>@@6@)#@\HU^*\"%+;+WK7O$I?%C;&:WTO@Q MN.Rf-/Z9V <=.Z*6"M1E6FJ"H"_.08?A"!1?[_]!QYM!&H7\0#K)$0C, MF2P8(M=KSB"-PFTPG>062I_3+3-*

*1;OD 8-M;#\I UK!VR&:PH(:*F7ZA//A M99 FL84QNMY'!JFRUU_(*\"H+<<>J"!6#G;19"L=MO?-WK9P1!FD4>B-S2"- M4?V!9)*

*T)IE%U5"=89&E1$B^%B!C59%\K]8ZJ.O@U620=C&@]0':6AQV@G-P^?HV6,S;-MXJ -7[E*U];\UTI)9*L5HJ6*

*M5L/'478(PF#UV27*L7>>|PEQCMT0>FN\H^,WODK:.8L8O&_BM3F8;39#M0ZL MR+$80Z30#]CW1UL+O^U),)V6)RB4?*(VVV@MO#(:K#6*UR*8*G$D5 ('&:C M<+GWB)SC](7?*

*Y63HI.^.?1&;*KM#1DM99T#2V"8,>@A6!| E5N(#2Y>'14W'-M6 N_[2,?56,=FQGN\^F@5,65XE@(=AV-59E/EC;G32BGG*E)FU=(\K5-5F=[MO78\IQ_2M@P1X^61?(U2_@:2J&TT-*

*RE;F[69R$+/2?$ZP\[\?U!)*55GC MO!@T#'??ZXB^>]WQB%34KR992UL20%,K?1F<9P-%»+!(S$![_6BH.\#L@=_M",G7*+5O)/D:HI-*

)2;Y44H64K"Q(,F!;0S(H8(/7FO)@A0UJ++V.$B^M@9O M:YT=3@VU$:TWT5L@Y2H8,@ZB"KG1DBME?3"AY-[#+#>(.M:*7E.5|*O]/RZVD^/?OXOJZ1]KP5AYVO_ZOK M+-*

^0M4Q4T|)S'?LI@^EB((L#0_?P+=:;RG5V%H13,B6=[0D\"62-M90"KW? M90_?4I^IQ3D"0QT:.N=2G>|67[ZPY) , +MOCX]%)UV-]Y\|]^/S@);T (-MET344]!*

[+A!9^.'SAI7[PVK14|$3%;/]5++2I,.6H! &<$XAQ")1748/&|= MX>1;$?&4_MA46.U:1#Q$L+=182]'4IH @-.,[*E)E"&/(?,14"@A.!T>PO6Q@C5 M._UPZ 3XVT#?3<=]947/TFFOL8)&:*

*<%P] M16,L09BQ!:*7UBR9%WW;33Z?E M"4C1O\/S3RQ6^[\FXU?\;?*.,4?]3<"7?JF.Y MSL:H_D"XSA2;&#T',LI; D.)UDC@'=0:92*5O/&].XJ/F^ML%P.:&J IB"KP M=/D?^/F2_O'W!8__?*

*DI+_I)/?_]$7^GSZJ0- FO(K(O@;6 O.K#E&W; ,_*2 M&;,52W8>T#9/LY?NO$R T02[K5K2?"=O"5W4]C^.6]B?,&'"#N1DSM*T#U5?TZ M^":CF@RN**

*<^J04)GJ;*W5H/7@L#$E"%63)"MUE$%:6OMS=M_ +;U7+WFH9G6 M&)2F-*D?S_Z\O#A?:4"J=V=%WTS+;$_WQ.MWT;5ABWQ11U3L'=B:3"0;J\E?C]MP$FYR>:XU+K909V&A5[D?*

*P+$M_Z M3E@]0-$OR-0-$.M?5UEZZM*5#I?5GOZX?%|7Z'~%EI^Q79~?;2,' MT(6C\"29H...90A44WS0,+>^>&=, 5Z2PD.1T+'5^9MX*?$GF-0I2&PN2]MF% M?_?O=-=OEKV:)WW0X28O]M^M&IFI;#7Z#R?7@2*KT!V]7V X%#Q%9F3-EX(M$WL/0SC #OLL$UD,&H3D36BTS!,1<@Y>&=M,2GUUL(1=IB/L9G=.NS'X'(H*

M'?;W4\NM%N'T[&.K3+F\YB0/3B/_9Q"L$ZP]*2&11T"ER5M11.P^K.89D8XC MB3K*%IY\[=L-D\D??N^)=S.68(" LY0%K!'N$.H#=H1TN+GL@,=>#$=G;-L MC-OL,QU").HDMG-*

*'U/BI1*7M; MT$1@;Z8Q|#/=>5)-U(H$M8%)TKOT.*(*E%'H3>V$G6,Z@^Q8%1$J+ZKP$2BW-M0<&J", H O#MZ;@\,)FB6ZLLR-V M;\2D&TRQBX%,RO>X\;['*

M3DR,9,1OH!UE2^"5I>9#";POEAAVC@EV9O^^_ M=5MBTD,QU#&@3F"@5Z08 MCR=E2IN%K!)()6SS<$%AZO!YABCD4:(TKNY,+TD1TYE.@K=17=H)G#YGY]O*

M6DL,IDU0Y(6U]A9>+,+(T&J:HK75B=S;M3^HB,8'8S]]0)J%"5D$0XC1@\|J MM'BC/;BA 6]-T-XXC&,(L-N7R(2\C0WT473'!/.CF9T_G7YI)"V_XO+BC!7U MZ?

*3/6\K$9+PQKD!Q;6AGUA5"R+$E-F)['?_^N &E,.S;7JEM3 #%)++P8-P1>.M-Y1M%$L520% ,>7LU2[Q3 M-$+=E:@DV@I?"IY4)*V!'TX4;Y(FGW7O#O47QZ& 2^IP*JPFZ%7?S#\V1+ W*

*M#OV=X!S,C[X-%K-RZ"L^9I7'"-GZQCYD"Z3"HFI9?4A;DQDVE/APC:0CA_XT M-C(&@@ELH[&(WA1WN2*M5@ZD4BT[DRVDZ#U8,LXC*FMS[[[(;]^2!2.HR!9*

*M0\ZZA3X[M^H^11P>G$64!D$%-EZ^(0V[OTX!"5.4KT$;/82+]4BHU[?!LJ<& M)]BR?_S^8;DB,6B$T/^V^,IR-M?YABHV62&3U$ D6#A#O&"9%:',F@W1*G;0 M>A?$/B70L1M#?*

ZU/4 #YW6+YYV+Y+-0-R@@396!Q&LM;-0&BM)2!_=Z??O\D/_S!CZ>\?3;"/?]^DO?BO&<4%)0"ZR:'9%%VW8 M!HL6F0VP^$')Z&>^YMB!['.W)"8

[M7.?K;'+0WY9QYW)\^_Y&^ML,F59BR@9G/;8^/?XX$%>>Q794")%^B'9 M^O-NVPO=WEUUV9%.?T7=+!(3[:,$C7_XS,QPD9H5.2U"I:#8Z;'V9Q)Z#SKXZ M$EK&ES,#H\?-

O(/^],:IAHV&)PI0;)8FFKB8!)8DD2(6@, G'#L, 6(]D MV."VN;/2X&-@XTZG\25]6/QCN?@?6I[_0M\XLG61PEC0%E/CR)80%$E(WD=> M>[3Y(>'T^E-*

*XW8>_!#!WU]|:K,A.^;YW.2\O6]G05$]_:&'Y50'1/T^_GA;Z M]A;HC;4F)@H=,AS^?:)>@]8.>U\" 4W76;Y3I[&M[M^CW_%?]3=_?_M>>0QD!%M&I2F1RU$QQ5(*HNV:B$-T-*

()S=^P;&#VD][:S#= MN8CJ-N^V-E!W%9%L85]0YY:%2Q825G;S4S4651MGW9N;]DF!CMT6^FM]C4WL M5CG%_N-'_$CGJT7__/_<)CP4,"08R62F6^?-

OA"H084;"$W4AQCBW!V4#'5 M@.\Z=L0GT>D:T'E],S(2 %&2#61CED4PF]^QY_06-[=FJE M[H[_0!!6VXR8[#'!V;6O/3\1WF]VR#5Q[!OCDK$5M0>?(L=.H3TO69IX"Z(*

M@2[+7KSD1V :,749VS.?:8U!::ZQ/3K)=/B//:#&0;%&8Z06YF3"6?BI2.+=:A)/XI[6489$R+]H347_&H$D&,Q\2 M&V^K_0TI?=1?Z&*UN-5B^?Z7E[^IP23-~)WV7^<>2SI&&;/.*

*{Q4U!_YO$P3+ M(9Y)2@-664%*2=XHCN6[5Z<<X#Q2:?RJH7J^Y@/[$:U?/B@E %'Z4!TA;_#. M6CCB>:1C;&:W>.1C<%EW!.YC'NDF*F2L69B:/ BDYJNJPJYD3.""-59XE8SN*

*MO=..FEA_%/8#B?7'8'#P-.4#UO)&K+\IN.QA()/RE6^!|[%K-158A4),E5V MH67.D&Q54*27UCGEC>A-]W+XEKHEL?[!&.H84&?AN:[\C<9Z=DS$JL'+1L#"_M4E% 9:AP[#TH@'V)/-*

*>CL'J6YW],HB?(C6T8#2=M*55D 28;EBK* FC8;0@) MI4HE5<)I!S#?2/+RO:P."$Q02;!QP-<0N5[S@,U1N T=JKB-TB?P8S;*ITS.*

M@4R&HEDTDQ5:C$&#*C:03*Q,1^U.6PW8',26QBCZPEL8 Q_;LTF".0BG% M%YP)@%E+<)FES#88T9U?],716^]RM4R%U0252)N;H(8(]D9OO1.<@ZF+M\%B

*M5GKK*FKCPRL22]E[UO&;,,VC0)A(&O3& UV?HA_@B2,G&+:,%NQRK2S+I(<0.1\)9OBVNO30X12O">N:@$)PSS&5OOHTR#2$W-F4#LJ!! M6XG_I'2V^O 9FK:!OZ,>.*

[-6WYO9]NZL?!O'M7F &U((2K8HI[V#&R,31$5L MMC'&3%BPVB&4#E\]:',P1P:GX#Q^N&\V'_|>-9N3R_6%[5,!/?0ZP,"Z+(MP#))Y T&

*[*BIF(66M7E/OANJG)7KYR8*,B,Q@+S>RW7@Q Z2;*$GPM&3[R13T MQ/(9,^D Q 09@F>D+$[:))T&;/ZNL<)RY.L5Q(A42K'6B)M.*[2PDV=R!?NS MDC'ZG\$ZVL)O^$[?*

*I_^F?"Z]2[#KZ+B:,A[#G+:$VV0]FHJ92PJ>>$]&M<[*M@SU8N-=Y)>V.TP2,1(-_9&8-PV_ P2=[:+:(.3AW%D=P'[V8.]U"PWV2:! M*VGE$E60&?*

*F\1=B5"="RZY?!!Z%)%>)@).W:3VN) ^VZ=%C0&HHR6=+R].?L.S MCU=+=52D5*WY1LE6=BX4)"L5>%MNSDD)X*0%R@^\WCM$ M&2ON149^7)R2L379*7;QG(.*

*(GP4VHA=*5L&NWX 7AL%?>*@=Y-NT'4ZGZ6E9=%&\<\?/OSRY6OOF'3WCQ'7I.EY_Q@M;V$OIQ5B]\r_"]6/_BZK\"L4%Y#A-J*

M7T^1#1QM@9!X6>1XI<5@E'HR"]QNJWA)!GD@6$]+|;C%BK[|1[}1H2]_-GQO MV5Y.@M>4D3=FHU[=]4Q,11+GM71A:7I9.3D>+T7\Z;/4^_K34E)V6]LOB MXC2W?

W&Z/+$6&%L,1'(5MZ\HJ]5P4D@@HHF24BY.]L[43[RD-P.?U@HVEKWL MC^WE?!V-\N(LGWX^?15UO:\?/M$]8_7#ZJ9]%7R7K8GQW9?%Y8IH]WZF?$%E*

*MCZ8G>6:FS&$KFT)DGY921.<9J1 !1.1 VQA-$(]@3>.WOGE%$% M,5:L0+Y%]-B@!Q_<91:=G33*B)QI-Z(>,:?,&)OC5-F#"Z'PBFSH4O/A9A+ M*AZ[:L7M)*

0DYQU4PB2$#D*HWI0RQ]SK/ KY8;W.8Q"8LZUUBP%RON==Y%&Y# M^UNW4?J<1N%-LJ$X"Z4T%U/R6&M59&^AD4CQ_V3O21S'T.L\B2V,T?44?897

*M*KDZ!^\=C3ZI^@BSSYMACL\C&>><&ALX(<7 *CE(>@0@ 5"#E]<%W=S2V$/.%&-#4 $V9 M^WUZ8)]36'5'"'=7J-[_78QO&*L%]'35%XK_N/N3^!]?G*

M_FVKSWS,^4QK#$K3/GVN'Y;E@Q+9.@&!=&M9I 28)(&R&@V2=5*_#2_; =*Q MP\O&X#$)=»''!E2T6/Z]>BE:,99.B" P)C[@:4;5A;%BR>R4;]_L'Y M(S%>OB.T[^XG8)!Z(-

+U!A@BU&0IO#4"[2M_MR-<3\,_@ZXGR=RM$\Z4&FS& M)E(.5I1YH5*,Y%]H45HKOD>/UP">S=G-@?\8%?>N_WC,$EY\?"LI/^H7>, MKL^-=T^]$W_"?*

WA#B"D2X3$,J,S8)+V@)7]+.,:<:OR*]D'N;P-1$*[2K*/ M!,S.<"[VAL7DLBM4N#TI.-UJ4#,.MJ305\T4&VE5+H8P!@]R*$%,+2<1O9F MF7M&I-?@-.S](*MI07">\VW8PRM,=6Q#OZ*

*X;JY2BO!P2L/N+TIKY-CWD]'.<#U\.]I5 MUQ/X)'^P.(^%"CFB=TF!BHYOU-2*ND,H[++EJ-#)*E+OMZ"U@KPT"]A=VY,& MM€^=8CK]W,C>5CR^WE M(H$-*

*LHT0]>PW6PQ@4XJ>_I)*V]L(-HCR&MS0W3&8 M@(!FC5@WG((#!)L\ ?9 J'TGP7:.[GES\Y$'O\YP9-W,DM.0KC4\OX1-R59&T4 M1))ML/%+(Y,(*QBCIL-+CGZ'G W:@_/.@3%8(*EG0 J-*

51-K MRPVA8S[NY-A.D/9-D(W!8P)G=,V4@:L?WZ?/IQ]7G38GRDJ6+5D@),,/;2+&_ M+!%,&E0P'8HG_MGNWZ0"Q@K6I;!?.C=YHS&(P5V)X]!GUB3+L?

R$;XZ.>%.AU&,FV",PR5&K%;$_GJT/O)-I$0LH$KLK(H3=K M("9VW=F"@XJ-,31/WPIW5Z+782!;8S!!3>. ,_^Z[Q=G%\C1=MI_/KZ;>--[S MTWSZ)Y[Q

*HPLU,.7;*E;@X)AMRX,OJUK$(WESZ3N#>([" TZ[&Q*)"G7_#B]L$(6C;BMGRY7%+Y_3*=GY,_3YP+ MLFB5{'GD<"'!@%E;=D&4]10.OGG>$5V^?Z79#;SX?#8=GS_ VF5G?KN4Z.0*

*M/#^)!1[FI+(Y*BOTP92T$DA*RSLE98Z5.TX?M=R5Z278S 0;/+23,D0B47]$(MJ]13Q,:MRI&C%CO@Z/F%O4A!) $E;>?5* M0U360!'O"5U2RJ.+TN8NUHKV.W;([*FOR71/D0U?>Z.??*

Z,)R>?;^[(ZHUDJE M?+40765U^*P@)<^[J0]}1KFJ./I3=I-TK\,&NF'SQHPFR)L^2)U_^7/SXN_ MVS10S$F(7""+W 8QU&U .9-38T06;UFX$_

*MDXAC+Y1%,.:NFOD[5!"E*2!T5=&05ZG[=SMI7T=5C8)=FO,;HLZDKT>,%5 M5<+74B)@P=CB9\WQ.TOHM=_*3&1ZMUL52VUV926^.RQH F2*^N=_6R5")] M$X %M#*

$MK'UR@-Z_G/A1*YN^A3K >|BP:ND)I>?=:,)B8VO5TB.#=$U3AL+ MZ#0:!!9MM.#PT4Z?)'PLU^O8.COBL6;,;)T/?.[71GC#XOEG3CY_)?%52J*

M;PHD[Q5EOBFL.R@2+XI@LJ02JP^^TK)#HGLUL \K20K\.<>B*UQK9VSA=> M%[.MKV);4YG]W97<-W5UH]2&SJ*D8#5(€ZRP1):]X420A$Y_6NTO]*

*M$]UO9BS7F./,R/8/Y# _/]:LGHHL3';0FAPE*S:*5^?9(`MB3V"`,LQ>9@:88K>J;&DA7Z*]38O4FC*Y21++^?++^?++J,Y;O'ESR5];COI M*_UXEA=?*

VK"-7Y>GB^6=BM#OEE1.+_Y!=;&D#_C729&RU!YIUA$8"4]CO;X MEVJBLJ[DRGMGABQTAZ6\$CN=`?4UUCQ!?GO8NEI%SWDKZ;'S.XL)T=I6U"RI MMA+XE*

*5^\F\,U4ETEKJZ5/@VIO_9K<=\5UCK%LGTN14>*2KA?S)" G6XG-Z MAM\6M6B+RG<7=;I;U!E=2&R+6BP_KY.55LNZ^KL+_&O!GLM-&Q*NHD#^AW=<*

M;8[U3$T<-.F46N5;JASY^O02P4G516:!/F W:KIPIV]K6,EV3BIZ#.45;Q9D?T MIN0I/ZED3?*5 SM"K,@8)0>.#.8%TSA?GC;@3=]JJ_W!?KG?2\!OO#,;$@/>R;; M.:

*(.%#VIQ>38AS!9.8@V>0B6941 9BJ[5S*L%>1EF\"VE&]C!W,?_ 6]5'= MUOGIV?=_93H_7]3;1Y69IM^-E&;N67>[*&NRR7;G3[8TK_[%BI3C TOP#_ZH M _FV"?C.2MI++#44(*

*F.#:L6O"DKR5=E4DA;35Q=L+W__V&> _+(^X3F{]55@6TN#!/*F2H^|,>\|/Z^+X/N;]S>3Q3X?"DT-]V&.Y7M,ZY:T]L*@ MX359WPCP#;1]%2@?!9IB?<[3SN<[&+;-*

*/=C(2!;,,5CMA4QQB(!O+)Q;0S]:.M57$;//9C.,HJ1\)#3;6 J4)"S"&"]E$F)4+BD.ME&,R.+)P3V\L(&":PD_6\ M@,4[5KY7@*81RI'3$$6H0#E[S"4)%KBS;1P-"^,HP :Q,({1]A23_]:2@T8G*

*M2R;3U0)HX!@^ UKO(,D4:Y)5Q^X]3L="Q+;+ >RLZU8&PZZ./;.KK8D/.R6\M:*QQ 1+)5@[K@HY(;$S_U.83A39$^.,=I*V0F8*]9.-URB%RO>;R+&A3>*

M1NE53I<.1GHCK0#2C=B/=(6HO0:EA:7L;Z Z+=GI84Z7GL06QNAZ'],EO2Y8 M16T$UH7/PI93BKDJWE 1G2@Q1Z.FJ3S<-.^'8QMT1L[77],Z@]DNK100L2"*

M&\/S'0H<@"F(D3537>0;-5+4HG>F]|BG2^]B0%,#- O'XIU:FS6L#90++!U0% M7"RR38XL@%0>&FDJ4;K%'N/EA@GX2&\XA[,6T$W*/=$%APRQX4!$\0B>"\6*

M0@@E.O'Q"!5I5Z9U!&CG7M!MM&&MG]U4:]K[^??:CP[K:<9SRYNN2QYVUQ^^7-5^_/C MV3_1@I9?6+"SCW?ZOAMB;6]N(K;Z7[<.

*MS6QR:S3'XI3G@&/Z&V^-8+N>QN(&/)FP[W5*8:.Z$S MO5N61@FXOQ*G76WFX7$[^2Z'6;-TFY8D*WRN-H!3M3;&ZCSX3(#WO<&8/ G'G*

(7!YL>=4;@-3>AOH_0YC<+:.E&UB^U=.63!& M\1GKVN-FX'BYI$0V]&^ ,/S'G4EL88RN]_&XPROS6<0(+(P"@Q0AU>#Y+(RI M6%U(.*/3&/NZ,4?VA/.*

[8$M&H#-4XWB(*HC)1_#0Z2D2O:JGP*/ N^W%G%P,;&]!U'G>*A:1<]U\'7[.I7'5'B=SFIS56B]_P@G=AC1A2"TAI MQ8P<3)N:I$!H2<(4B57UKF(J)OPA9+QZQU;[07:69Z

1"VD+>%\;&0 ?][L_M^?$L+PG/Z41IFWQ ![RDXWNFN(2/_(OQZ"1E-PLS28^EO)GO-*@?VGG[GW3Z M\=.,%E7=?;8D?Z7;.WHH\A?^#U6Z-U123)4+)!!OU"@$K.X!PWB;>]564&=[?

*M^R[]S<"GMH19GL#^G?#SQ:?O<+GB#/]PI+/2!%VMF\HO]-?%#ZQD_/Q?A,L3 M]#7K4C++H+!.T%SL(*A;P);MH'?*?3F_'8R1^'48Z&8:S#%S\X_/5^*0-]Y G M@8K0?'"%*

1M683Z2$U.8H^>F;]\^?DY*5^Y77%.I8QCNWO"N* M# *-$XHWBC$0@T!(V:D;1-59&#\>:.N]O_3HF"IA*ZP3EXZ)$#<$%_]T-QCHC M=3:]V/^*U_C,WL]M8_!I<#?*

*^N/Q0F*28'4A=]LKPC!)/X%K?>R!NE+[RJ_ M8W]K'X7\L+?^,0C,^:P[1*[7_-8_"K>A[fO;"W6M_Z4M2MSMDSML+ 6Z!HBZ M2 @!%,52%CKW?K$[AK?^26QAC*[W\=:/*H@2I87V M->7G0[!AWP%=SF9E&L M^)K?^L>@-_:M?XSJ#^6MOU9^3RQM:MDV515$T^;'5^/9/\O6FI]6$V+P[(Q%58*M^@!)^PB88G 50^W/NSM6QA=B M39-"\O;SDWNXX?*

*+"_;E;_]B.A'2G@4^_(L^?Z6?.?3Z='XBB@!>&P?$F\0V-MZD,C92(!Q29!0=;:>H?=.XI]/G.74+R.5&EY!-4TZ0LDZF&!59#ZF MR4**+H*,A,%[f8>@TU6=^L;4O<]G^]-*

*KE_6%PN3X(0DFS2H"55,-E)B#$Y M<#G$4L@)::=_3!PDZINU;8?:+%42SXM]^I5.C&ET-Q6!,!/[N\5"H)) 9I7: M$[R29?H!T8-$?3.V[5";I6CB2;&;R-_JB*L!+>U]Y=6LC,S M'V!]A+*

*(J9X[S00;=R%2H/<0*WITE1FF#R%7V#F" N#YBC,WL5A\O!I<#KX]P M.$0EE0 YV&*/1 B(B(*/?2>]\9YTIT>N8ZZ/&(7\L/J(.0C_^10^1*[77!\O M"K>A,^+;*'U.H_#L%Z.L.6*QKLFG*

DOJ%%BK?0DJ-]V=E>\8ZB,FL84QNMY'M?81RN0@9)4<'EH.%X#A8B<5 U=8;7Z1-W8OGCZ@^0A1Z8^LCQJC^0.HC?(I2-MDHZLA?:(4/CZ3":R/G2);?!02NZ-"Z&7 4T-

T"RO/+_3\NMI7O5]G!C4;1XR M0B37#)X<)!4#..CI>"4S]/W(]X1Z%'S2+O$0/T0F.6Y^:;MMDG'0OF0K 5O M5VT_7C>.L@ 4@O=5M?[RZ?DO[DKT.@QD:POF?2;F(_9R>?;^[+K-*

NQ$41_;1 M4C4%V&]C-@#2&:DFZHHHSF]<=\5ZC M36V+SBQON[]17GP_V_1@QQT21M@O[SDCXL?]>+BZOT\KD\R=Y[Y:6'7 ++ MK2)"L-X#)?ZY'(H:IS^TALGZ.DQL

MPVOM7VM+?'CXDKMS#YR,&CMZ!2X]A# M+P%-(U(V&A'@F2=WM5:+]OKL*<.N#RV'[=_IH3_1W_?(6WZ\ DO_I.#D4;> M]&%Q0]]$'S[!?BH!NLLY/Z/"%*

*J>M8H@VXS>5@/610+CB8]PA&(3^LBF _K,^& ^CZ0+V MZD,C92((Q29!0=;:>H?=.XI]/G.74+R.5&EY!-4TZ0LDZF&!59#ZF MR4**+H*,A,%[f8>@TU6=^L;4O<]G^]-*

*KE_6%PN3X(0DFS2H"55,-E)B#$Y M<#G$4L@)::=_3!PDZINU;8?:+%42SXM]^I5.C&ET-Q6!,!/[N\5"H)) 9I7: M$[R29?H!T8-$?3.V[5";I6CB2;&;R-_JB*L!+>U]Y=6LC,S M'V!]A+*

*(J9X[S00;=R%2H/<0*WITE1FF#R%7V#F" N#YBC,WL5A\O!I<#KX]P M.$0EE0 YV&*/1 B(B(*/?2>]\9YTIT>N8ZZ/&(7\L/J(.0C_^10^1*[77!\O M"K>A,^+;*'U.H_#L%Z.L.6*QKLFG*

DOJ%%BK?0DJ-]V=E>\8ZB,FL84QNMY'M?81RN0@9)4<'EH.%X#A8B<5 U=8;7Z1-W8OGCZ@^0A1Z8^LCQJC^0.HC?(I2-MDHZLA?:(4/CZ3":R/G2);?!02NZ-"Z&7 4T-

T"RO/+_3\NMI7O5]G!C4;1XR M0B37#)X<)!4#..CI>"4S]/W(]X1Z%'S2+O$0/T0F.6Y^:;MMDG'0OF0K 5O M5VT_7C>.L@ 4@O=5M?[RZ?DO[DKT.@QD:POF?2;F(_9R>?;^[+K-*

NQ$41_;1 M4C4%V&]C-@#2&:DFZHHHSF]<=\5ZC M36V+SBQON[]17GP_V_1@QQT21M@O[SDCXL?]>+BZOT\KD\R=Y[Y:6'7 ++ MK2)"L-X#)?ZY'(H:IS^TALGZ.DQL

MPVOM7VM+?'CXDKMS#YR,&CMZ!2X]A# M+P%-(U(V&A'@F2=WM5:+]OKL*<.N#RV'[=_IH3_1W_?(6WZ\ DO_I.#D4;> M]&%Q0]]$'S[!?BH!NLLY/Z/"%*

*J>M8H@VXS>5@/610+CB8]PA&(3^LBF _K,^& ^CZ0+V MZD,C92((Q29!0=;:>H?=.XI]/G.74+R.5&EY!-4TZ0LDZF&!59#ZF MR4**+H*,A,%[f8>@TU6=^L;4O<]G^]-*

*KE_6%PN3X(0DFS2H"55,-E)B#$Y M<#G$4L@)::=_3!PDZINU;8?:+%42SXM]^I5.C&ET-Q6!,!/[N\5"H)) 9I7: M$[R29?H!T8-$?3.V[5";I6CB2;&;R-_JB*L!+>U]Y=6LC,S M'V!]A+*

*(J9X[S00;=R%2H/<0*WITE1FF#R%7V#F" N#YBC,WL5A\O!I<#KX]P M.$0EE0 YV&*/1 B(B(*/?2>]\9YTIT>N8ZZ/&(7\L/J(.0C_^10^1*[77!\O M"K>A,^+;*'U.H_#L%Z.L.6*QKLFG*

DOJ%%BK?0DJ-]V=E>\8ZB,FL84QNMY'M?81RN0@9)4<'EH.%X#A8B<5 U=8;7Z1-W8OGCZ@^0A1Z8^LCQJC^0.HC?(I2-MDHZLA?:(4/CZ3":R/G2);?!02NZ-"Z&7 4T-

T"RO/+_3\NMI7O5]G!C4;1XR M0B37#)X<)!4#..CI>"4S]/W(]X1Z%'S2+O$0/T0F.6Y^:;MMDG'0OF0K 5O M5VT_7C>.L@ 4@O=5M?[RZ?DO[DKT.@QD:POF?2;F(_9R>?;^[+K-*

*NQ$41_;1 M4C4%V&]C-@#2&:DFZHHHSF]<=\5ZC M36V+SBQON[]17GP_V_1@QQT21M@O[SDCXL?]>+BZOT\KD\R=Y[Y:6'7 ++ MK2)"L-X#)?ZY

*M+:=KT4.TFD"X9(L7_+_;^W#JNX)#S7#M$F7M$>,.I^#9Z5_/K^3'I_5K>;B(-MNEC>>XI/-I64,0=WOCZ]-MH=DVP=I!_,4>XQ2:.P'5"I6-U&TZG\U_Q;$C);T5:OJGEBE6|F;O ML]C$QHJ8?;XP?_<)SSY2XXZ_K4Q\=U9^72[^>W697?!\'WP8#G7\KW?CQ;/4-_M[418TJ?VM5]92RP(S?;N/*GT\[I&SP=&IS?JWR]X$[2U?-NT"J-_5S-(;F0S M04G@/ZC@0]4A*N*TtZ]3XE'TNQ\^QSS2=>/685;1&S1BC&\/UF"@$&G4!GBR5)-MB2;T+KV_+\%<[\<[XOGHL7A[-1[X.S"2S,EC! Y/+9CJ*D2K!#COC2Y.&E[/-MRWX-W@':8<^]8U0\)\>W/O*-R6/Q%MH_0YC4*66FI5!M :L@-SR!:0B2*US=KTCH"/X;EW$EL8H^M)//T^/FGA)\]WPJ#ID"''?ZI0D2U/#/:, M1W,3^3Z 3,_S\K3'WRG%Y=U9^6=Q.Z;QW#34-_ =^OES]:I[<+]%X)KZH#(;P& M@X5O/5D0'-^!-NB2,WB'RY[!=KTON!?8*WXJ<6>+6OS@I7W3RNVRJ];@4R7A)#VBKAQ8X]Q'P M;*WQ<&";AW/B]T^XI'|@JWFZ4[SW"RZ7_,/7'8IU!GYPAS];,9;0[)1E[5>_ MXV\^^WAU-OW]I^9]Y"X/"L+.>;A+FJ++: 2O,TNL5\2#:LO!F"]98@:G;1<97:]P\!NPLJ6 MN#.OE6YFA9@3[$.I$?K]-IW3_UI'WW_M57$W+Q^:Z<+'ID@1,9I9$. (%4"-M&1T9*E8BIlY%;O!E_YP1LK%O^OL@,\$Z>,U8ET_<0X1;*(2HXU"[:?&J MT-MSV0@##GJ?U3!(8T4? (R04?$:KU%/J48/**MFDDPRR^U4XKT$\4V0;,37 -(/Q*M;F?!] ^[OO7]4Y*7G324& M4+%1INALUEY5$0:B=>|SCQJM[374?V\I>5<6(EU-:8-]7"L%2$FQ#24!07F? M@BI)/2QTW8B6? #%H;:VAC]I-K2R_ TGY%#_?$ZEZX9(FL"FR_SQ1X[=COJ:H-[ERN.:^"0@1.^6KR<%VD,F>>^8/V1V[@78!,GH7VE9%\LO>)9II93S:[%*+((E:.,O M&_$N\8*#$OJ*<;76O,L5O>N+-XCR9D%=0.H<@K=FF+,6H?Q,V)B]5BIHQW5(MN5#&"($XQC1H-(06=Q8E59$V5Z>&A.*;/O]U^OW=--ZQMGN33-?V/D2]!0[\ M8'O8AVO=#XEGH-U!C3-L]6OIJL3 #E@%+14? 0)H%6SM1^A"B*Z7ZZNH!@KO! M_YP,VS';ZXSI+.^^___7GUM$&FLN,P(PB9:GBBR&R0%%[NKI_"KQW7_|>"U$M-%/] 9"%?IC'"U[_!-IWQ)RCOOC\V T>T' M'CU"\ZEF@G#LW_C>OR!]_0N7YZN3(CI78S8&7(CLT3N)?%)4 0+)69$5FNZL MX(^$>)UN4AJ..G81K17HVO*B#11AG.-./M)4.X(U%.P[Z#EJ4^)FZ-/Y^2D MR" 4ML@_8'L? BH!"URSX5RU[3QV<#?AG,GS3XSY&N9/FE&].MF\'WR^+,_KR MY^?%WT0W!8G%YIQ%!9&MX+.N76:D%4BC61-:.QFG2Q8/$'#^%,S.D&Y,!/?& M8X*? %LO6V\N1F(5M50[HMX, ^]956'"*VM[//JW]#9?W*VD2ALW,ZB8%*YA@=T%H' M1A#'OX&U!V0LR21.=+I74ED_X%_7[>-_M/V;=*BSP!@s!T2B,1FTGX0 S4> ^QFK9G>K=;-9\E=GEGL ?((:L4&K8$?\ M*YVWL3Q-?>[?-PZP7Q87_T47WY@\3DKVO"P=@52T8$SF@, K=M@E M:8$2A0V!;_O)%O-FW'LQBPD(KR9;V!5+*COOUW_4_IT\"=HYBU2!I-!@M$5 MS YJ"(4TVJJI=RIIWA6^]8S#,,.)\N-;*_Of_[T\O?C!QI/SB^7EZE%AQ>OT MX1.>O,\:![>*<=O4K=6R3PPOQ4G? 1M#R86!LUA"K(&%)6&I)AK?O<%ZIK6] MNBURD$;SD?;K$#"}'ZP.CYMUKHZ/,'IV4B+,= QNGK/IT$T6;,"AP+!B@ 8 M7)+/"%"WEP20+=UKIV\8Y/(- ZO(W\X6ZCVVOX*A=UXHL+PK3'JV09&]U*/8-S M;3P2&>>RP=S;&YMM<6^;Y2#,YO'^"+L4&OWVX???EZ4TWK:!BW9A,8+CI44 M1TU\NUF(2CM(OF(U1@07'Y1^KZTUNON9K\9J=E+/F8U!CI_'9WRW.+1:GZ;+1 MH-6E7T<7RY_Q(G\Z/?MX[^]IF5D9)R%6I=C9@9IDXN4G RFKPC\)&8.U)75/ MK&POL(:LQD)F!?2,PLO.+WP.15W/HOR5P1")VY;IT1!!.$H04;27>Z[6:F&I-MJ'G.I]Y@:Y.V.UQKC&KZ)LXG6:.WWH[@DB>D"W>25Z,=(H]U6 RG]=%@%98 MK$O)5-Y;5KZG_*_.1/<&_AI+WHDJX_N_.IV??\"_KI]MUB_LI/B2M>!]%K-4 M8++R$+7GGP+[$]J*K/00^OAAW_9JK&DB - ;8R/24"QNK)1,7TH!OTU&D5V/4^X1RC4GN_'"V1>G4]W_1,1^>M_ZUQM5QO1=/C,C>2YN@Z,0Q M0:HM@6<4N&PKQF"3IM[/QMV$?S7FNU_8UQBPGVW@T[>VRP^LY'/,*_G? US74 M,]U'0FWOQ9_<=I5#8 M6*G4>#>SMR#-.:F;=uL.SD?3U'|L!RVOU-<:@S8AS)6ZC[%*1DMM3+MOOS4M1;\VXG0IM[SM4.45 Q(?/'T-M<71J8ZR@:>)%,=@\6QD%$.6=,; MF>HH,M519C('*^4V&!^+_1HE8O[{H-*GD[>R;Z8.QV M%)GJP9GM&&CG)U/UA4)[S_:V<7X%R_Z-(0$4(Y645[R=G>WN-9"ICL)\')GJ M", J9=[=*T@547&5@096TFZ-!&BT0CHR+"KHZ/W!Q,?OHH2TYU"H8,TF^/<-M"_E(1,P6@^[5(.M4<$0=4#(2+Q.HST?+(G/&1%)!M39F&-I|'L,.(=@-!:0.1S.VWVV04;K-41A M3:.J*1R5D022C87.!QW#\5Q)KZ%DY!BV5U^SV\?GT3B?B279D M=0]MK;IU.J3LV.>5 ERLE25+U2D\FAWV:'EO>^A 3&<")I')EWJYI//GSXJ*M*AJG]C2QI<8/C!") -]"/2F#2(=@VT*'5O^VMPS>XHV(DN=\C?U(S$4]T M8&U!,"0*1'0A)(F>%50=W_]G6MM,UOG$(SFB!E)%%!M#KI-.6)E:1950)%*,#]A<CLIJ*R1AJ*N?>(WK?RZ*3T? $.P4QQ2+*"$*I7H/,SR8Q;IMKZ,PNR.OGXZ5;UP1!3<'CQY=,'O;?Z&]PQETj:DTH2O+#-Y. 0%5;(%*MG)21S1'T)+Z/\ M^C"WS@Y&\Z/++I]V-K :G0*667_$9(7CCH%+(U3CK=?^RGD-9_-OV.@JS.^[R M:6LJV=P&7;+?:XC]WJ"2@XQ"JA1#%4<4-]W$\FE-E;RT"J0*O)^LRVULA0%O M24J5O<#T,#UNR3M62C?J_H>O^M?? M\'WRT'S:LJ_#9U *HG6-28@M,&"KETY8FU06SRA]R/?L,DEBPV=?U20Z+76D M8%G^5O+@8X#87H-XKR9EBO%!#AE[]=1W3%TKW!M#KI-(6)E:1950)%*,#]A<CLIJ*R1AJ*N?>(WK?RZ*3T? $.P4QQ2+*"$*I7H/,SR8Q;IMKZ,PNR.OGXZ5;UP1!3<'CQY=,'O;?Z&]PQETj:DTH2O+#-Y. 0%5;(%*MG)21S1'T)+Z/\ M^C"WS@Y&\Z/++I]V-K :G0*667_$9(7CCH%+(U3CK=?^RGD-9_-OV.@JS.^[R M:6LJV=P&7;+?:XC]WJ"2@XQ"JA1#%4<4-]W$\FE-E;RT"J0*O)

*G%'#[RTV3*D9)O(4JO,/'' MV=)/UABWU2I6?G'+#J2].FY36620M80PHD4ZB064Y$&I%#-2 4J&+?=)EK/,B M0W7!MJB_5R2W"\ [CACGR4(I(Y%<0I&42]0AH7U-*

*;2GT4=ENIR:'S/VTZ-'M+ ^FWT*57*+8+X!N.&#B5M$-!Z,) ^R60]VDV9$Y>UR1"8MYVNQATVZM.CR)$2*

M;R%'KTAK1ZC7CI=5FF>>2AC''^U(1)K4$0N!^^$"\Y15X\>9^KR#BKU%HKT MBL!V WOCFCI0EXW"M8Z6/%F+GRP-@N >J9UR1EC9)7O^P&&?(D&.DWD+/WJ% M63MBO:ZZIZQGU!"ER.1A%<($3)+A,A?:!WFEAUHK,OT_1 YR-E^_ Q^D%^-%G*VFRW=SN!RO+I]-4 -/%XM5:>WX?+98+0Z MY8AQD#KD1"RB)1(B^F)22!*!*

V=.>NUW2JKV;G[1$_ +YT.TQ=`B7@Z9W \[6 M=]%_3M,&/:27?T58+)Y=EK^-F'74Y11(M*;T'DJ6>)4U25I'"""DZ2+7;K1P$ M\/SX-

*9Q^6M@T;# .O:@Y!L*1020F!HZH(9%@2^S99M5X@OC]RJPZ"NCY1L6MX M?;6PK'<;SB9]?2V*)M6TI>='EIPCOFB\%47#2]_07(JE9VDT#V@/UNXZU@7? M^7&HNC9:*._[RV8;R \09!4_(01CJZR.('04'IPT]A+ZDXSI&*:WP^@1D MN4;T-&ARI 9:"-*I668;O(<^?OQ,-NH"S9D807WKD+PQ>!5V!:PN\)>9>$= MA%R/&X[40 M!>G>O;*

(4WSAMT/EOEM#;$LU"207'CLPF7,>X,T\9P MIG;K]@S#CRV@)T*/H^3?PHZCH\3]T35=,.\!:@}^E)BPYLOT_$"E[0(O\39Y:.^-Z)[%N+1<33RZ8%OXG^?P":.+\1=X,ULLRA>S

M;4G3>9l?_,CV:@-"7@6F" M]+=^B\"]@[^>XHP:"-=Q?)@?E MT>Z:.9B"[JZ?Y0(P"B0M_S5.9@M(__ZWY7P%UU_,IDM\$U].H"S>N&S!1?G0 MEX&?ECBW\]!R5[

TP=]N%L_^&B]&7D5M4J+$VK+G2(AH5FI% AKK->,[G8+ MZ$VY>P%5Y-@G%- \KM >PF^+/F?3WIP[@@:SH=311K">7-G:](Q:S]!&]&J M_&]RK,R55D*

*U#;.U?;U#,9l>]ZN@VOV62WV1 MW.51[X/XVWBWV%ZA!%[8GPQ>?;>^?^N-PGQ_?3]"_8=>R%T4)?4?=Y8 MEH:BV']0U>]K-V?[QEB:(6A!.-A4' M-+/+/6*V PQ*)69!#XU=;)*

M7095.YIO\PY^@SR;PWN($[!8C/,XKG/R\&UYFS_ZOT:.YZ!D0MEP76Z6E>/A M2$OKUI%IBP{)T&T@/NZ;EU4L?_5(H<8"?=!5;6X ZR>[Z:STNI(OB/9^E]

*M+IP*EZFSQ)ARW\U")L'AIVBH#-]SYI76'T+/GH M!2L-G 0**QEB&0)-(FG(1B6_>YMQT#7RB="LNFH&V'D["N0*+CC+(AH?),5R M8BZD*DT-.0E2Q"R3#Y(.:+S])-6@"FOI@CK*

*X>1OJP5*8K'XL (9OYZB67#9 MK,- ^G)*/T"QY\X'0#P"L>(QTZETMG@<W>S]'4\F5PS2U)M&% "DDK612_B> M6"XC[DW9HL(9NH*U3Q[N@:A]MA(_05I-X&W>-/G)I0(*

*^B)0V)O11@B6E$@T) M@>)*B?MOUE:6MJJU3U7:H9SJS*Z?>N\A"YBJ(VM.%0W9 F6-8A/VZ(*CP\G8PWJ]_>IC[]ZBW]6479#ZM+I;"DU*

MZ!RE4L@C143F!24F"QZ"+ ^T6U7>NPSWG5H.i\|"1551=N0C[?#9978:Q?YM_ M1_?8QT^K\2R7VRBS"9$JGQ)/PA6KU3%B;=!-4^ ,CGIFNQ0/OG>0TQGO_>0^ M&T)H

*P2UMCO%ZO\0/?COODB+1.1AQ+35WVI-L2UL0I@SZ YX19T*PFFD*%L FZ>5? MGW%EA,5OWS:/&L)7]X5!4!=O$,%5\@PW0!R'S'>5>0%V!?N:^ K7-6.L(E8(*

M3J2)0)PP0+SPCE$J@M@7=7?H>]-]Y[_>,]H5UI8VI"}T1B9](3QIF!0LTR7-MBI;<,IYHILK6/@$_ N:I_,I]J-GOB@ZCHL=V4^\D->VL(NND)I%B0O2&\.@H

*M2E"5FR99$A8]Y\8EYW+M0Z)[3V^8SL0&_9EB_;6R@#G,=O-86V4=@$S4);H M+2"/G!W;?U&[%.@MY>%5'UDR.B:2DK9$6]I*6_<(FH[&2,:XE-7#G<.KO&L6 MZ- .;I"X0SG9:Z-Q-*

MVZBDIY+3BN8? MWM7]C?(V_]J/0"JZU@73'Z_?)7C^]@XBST.,P!3)]50XL5:?QC^>"((_BTE+ MZD.'#;8__4)57P5957P#%_.E.FJZF$W&]<'3&+/KZ)W-:*02* EBU'1ZQ$ M1"SK4K*

*ZEA2D+@LN#G%CL<6_72^T^T<_=]NKDMPK9D"T(]K&T3M@.L3N.I@3 MCV%VU=+1O2KO(>#!EX$--FFYS1(R@=*P)>V@#ZNTR0&'I-G3AEUWZ"%]ZGT*

*M/8;7*75^B%R'R)3;1NFV-N5F)Y*9&FM,.8!=?M"02^>,1%@I"H(61HJJ=NQG M#Y33;?'U1+2;\U9!R .<@SR?S7%,0]_BC]ET@VQ[=\((G%%*Q$F*5]1G);_> M"!*=-SEP0QFO?*

*3U\+Y@ST\=on_PJK^-+F&^:>N]G(POQ]-FWAMP40E@=*D"M9Y9PD9G2"Y5H'/02]7:;\"]@,Z 7"4$/D#:ZWMHLBC?^?GRV\>YGRY\)>R3 MWI[=_$VS#4I\59[2I,W=&<N]LPL+*

*[V)KS6 M8=;V+>J :*_@[ETTCQ)'4I_]]"DA_ 'V'Y:D(&2.#I0DB@O'<.5),7B)I"\ MB)9'7&%K'[^>B@X/1'D?CPV'R'P %J!1-+\|:GOYT@D67&9$H6E$9$AV7:;2*

MI>2R"0A9U+Y3T0KD]I\&OAJ:U1;O/(<[R"2RB4=K&%21T.DX&A6>9QC9N@) M(>~!/:LJ/KFGXFV>PIVD$7^8G,S9^L%;_)_1EK*_B22'IDEQ(2;*

*2B%"")J^5PG3C=9TG&\@..7I6>XBRD\$U" M4IN -KLSDG CG,Y0"C?7;E3V,*HSI$ME5=PE2^\V&[LB:&Z^EXEO6@L)"EH* M$(129M&-<+BQ*

*M/$\;2]H#Y$63U[^WY(19M7\)8W\-1%(;Y+*5& MSA]GI4:2 FW(GY]EB E?$6:-@0E)0@1'+J[:/T^D=Q4[M1)^,9@O[Y8WK0)MOCG^5N/#SZQP*_%*

X#UO%98TWO7S9]/9SLI_11 >!6=& M.P+<,/0GT#ITP0K\1(6WW'LKV .BZS).G[3M/<|>'TIG'9UDR94V@Y'(Z!)Q M6:-';:TSS"?0W!R/_R3W]ZKKZ68>=S7A2?^7\YIKNDV-

INM.S._'B_]9%QS/ M43E7)L02Q0GI2)QGS<%$5C)IR:"VA7 ?GE/G>=15^)WP1"7!#Q CO<:V;07_ M$?_+;?> #M@&2N2X#}?CI'34T^)>>E12P:EIHK-BZ =3D@U3)1B+[P:E0++6

MN ?KH+,K?7/OI/IX(,7C<=AQB.0K7^MKTAUAL7SOE_#AJ__] 9,+":3M,2?J M.731$\,%Q:TV:VJCY$1Y;ZR+TE7'Z1;.O8.,EN. MK"0)1&M#+2^-2}SQ(.F M?!+-DC\-J?8 L;3*

E2=!E3+!$"%=-;BN\A"<4R+@V^,Z,%!['G\&++*EO(JG M[P72N[4]VJ?K:M#O9D@\6{[GC:O-DT82!2,L1KC()'#1$I5$Z3;1D;@0*4F6*&?$AAK"KG@@-M7N:

[^A@183+Q4YBM%CCOG?/ZC<"2K(4++:Q9!'FQ&+,R7G> M84OH-MH9:'P@T0YPBKUG^EMT,G#K76+$E5Z5,B1! D59T,Q+$;V$&UCM L#W M(SH#+<@P@^M.<@G]8??*

Z\/EOSDVU_R1LY ,HNAB<-]W2"] 8>?!&1^\.=VC2/(D#>&(MLC0HRB24(O]13 3E$]C=5.U.R&\,,5!>#W=W'(,JLCLL8 |\UD?>4V!ZH2 M2R2P4E233GD77T\0>U580X^F4#. $R-*

*)^Q+)28$-%XKUWA#FG04;' MMD:7&.ZIE;OG)/G4NCU$>I5UBL9B .;!40KA65@T!ZHCFCPMS21PDH*M85ET M)8E!G])DAJ9CI[*6=L\0IS6]A1F6:TEPB"O ZP.@&ZG/"W0(2BO9]-*

MJ^<+=L M^7]A ^\=L9Q5VRGI4@U9>[>X\U" M$\-4"2GS?SLOI0TV?WD6_[D.+QJAOQK_MY52.L-.^!*Q%,PH#T!4RX7 M1Z^)$U03"S9%E,)F27;?@H[&\6.3Y^2;J'RXN-

*LS?;,:^%NI4V!P_\X_-D6%D/<"") MV^B\$/0%K/]\%D0;\Z)'\;)N.+3:T"*2 E86I#U^:(+#>]'*!H$O<.5\%D M6?4S[$/P_=CT&5PC%0\KT\%8R/LX^2*

$.X7F!26CQ3SV9;TT5*E"R5@,L$O M)!$R*V&99)IVB4+M>_Z/K>5JDJM\[/AN-8^?D&W;=. W8Q]*NMRWD;!. ^]+D M@<50+HT @C)*$!,2#=%Y&FEF7!.B]

*_SX>JPCNXI'B8VWOKE?,,OC3?*B1[>I M.<|:EL(0G]%=NIJYM#C'')'$*!61P"D2#WTG'C*@]ZY$REUN !XRYCG$+@:3 M\5!5M!%A<9-+FDN(X()ECO#L5/&4-*

?!E2F!V>)>&R\.04'TOOP7AQ P83%=[M.MR/$?0 >G\U;HI.O5F;$EMHVP/M+'+6BB6$ECR1F@GBO4/7UK.LA3'6V=JU M#>^:!)>58;X4"@EQP$043.1^LRY3[K^LK"+ MXDR9T%/<

*Y3R:N/F._^M\3*FUV9,#C;A*I70,RTTY8:2D&D@T2N10Y9^-I% MFKHA^[&-B 'UL'>Y]J] _636>#+XR_[GRDW^-IY>/(NQU)5.')]_U.VY M%=*/CIA*

*S^RCTK;C:M1GK:..%R659#6_D=:6M "=!7KV6J,G8;@GWBE&'%<: MN#2*N4ZOX .=K0X&U]>-5]?!UOD>3ENCI)9$>VU0 E24|UY&K#$Z:DXCA11- M_@X"-70VU/!;;9"\FLVW"_!*

*[B##^4M;>;=,47&FY*XTY.&0BT8\D+EH@ MW 66D!9AOB]=UMI--7+:FOG=E@HJV8CW8;W;IX[Q0GO+S9IE.)0+URG)03*

*MI%*9@!+ +DB4Z!02K@s/HDD+ZT#AGJ_0^8AWL77\!&4JN6ZEB<-%.OT&[+:.R3 M4Y*E1PK3#DVN#!PM?4 ^1E3I%DU.HDN23\?ASI8]80\0^3V?AG\YB?EJQ%U M1@3C*

*H$4V;J"@94&2!3*&;"*JIV3]X&-A0VPT_9$/8W#/)QF!LADOA_DFO'I MXZR4P6C:!ZQ)US4!A*B9!0\D0%?K.#*VJ>$E#Q$ZF/MJZ9' 7VZ]*JAN9-[M-E>@F_5U*

*[B19Y*B"87OA.&EZ%=R)*2@B*#H!E)!#(*<>(G;SSZAH$*17GB?K>0X]">]!6VI\NI(_4SP%%H MMWT\49J2$Y)D@S^D10O32@8DB*AERBH+4[NMV@$6UI%'>W=0-4P"2)>_OBQG*

*M78LQNL OIZO+3=.R-^/%LL.AW@$S+P,NKJ=>AG|L<*_ "%'H>Z]WNF"'5Y5;7-M'SL/KUOG3>9KL&'Z@IV45X+M8J+4 MV:.RCA*G@6:0Q#H5B,3%DSC[@.#*I0SU@9G!?*

*5+\/_FOQ8B' M^6(VW2911SM=LFP)$^4*B2T%BC-$PD '*Y-WVM@.2W_+HT_W=CTD_%LI^#UE M4/G&[N_C^,G#Y/_PD_'VS.$QO(OOHASA(OOB-% 2G!<$!,BD@V0[=PG0MSW[*

M^U1;RGL]>_VK'>,K\N/@"OI__Y?_Q]02P,$% @ HC5,6K@< 4#.T9 $ M/_4! !, !N:7@M,C R-#$R,S%?9S$N:G!GI+MG5%/=WS88!*03.DH+4@2E MW70%)*BW%!&#J%0Q(IT($14($A-*

*!2,"_BH"'''(77]I&*H-$6E"A\!$12DG MHN%(3L)[^#_OS'QY/LS,EUGOFO>P]H&L\-MG__IU[>QL?-1@(&0..]HX(@2V M"'''#.P#^(C66$!]X@_-E@1# "0@0V,:B#B*T"F]?F?*

1<6$A(4VB[\ M=>M_AHB8*#Q$MFX5E1 5$]^\X+\]D)<0E-U!L3O)?HEN$!06%Q46YBHC_/[XV M7B)D1;> 0F\$!;006V0%!&4%-OH0%B-POJ9GQ@#B?UX"6P2%A+>*P,N0@/^A*

M609>O] @O&AA>,7PNU?@]Q%"LL)R.TSW;Y4_%B"B%:U@EICS4%3[0 -5T6,$ MT#$_>R%)3%Q)>=MV%=V=>O]!=EM86EGOV6MS\-]#CD[.+H>/GSCIZ>7MXQL8

M%!P2&A8>LWDE-2T]S\V[G%Q3>N7NOK/O1Q>/)T^?/6]L M:FYI;6OOZ.GMZQ\8?/7ZSS!OY= MW]1+ "$H\]<_ZU>LK!>6S9](+*%E\'N,U_D!42WF&Z56[_9& :'DMLT11*

MA0,Y#@H5B,3%DVLCXDHZ%DQ=]J9J_]'L_YYB2?^O-/L_%?N_)D!&2 H MP.X3E$6@$3RH+%T?_`_V*CF\2[AV8\(P,8#$Y>54&GHJ8J.4\|>H:=3W"@ MY?S CJ!<_0EX;F? M:*

D0[> MW5!+KVKR+ N?;\T^G^73'!Z/'Q-'8&2ZC|N/=&US]3(KC'1_LM46_,,DIF>.8*3W,*N_6 M!B)]!NG#UEO.9@^[L/NS4Y99+1-1EY%\/ME<<,@P=?9GA99Y] M3R\)I&A;.G%<-O!)*

[S<05!X69CMAX!OG$!>/61=!Z8S3!L_F-0L_Z[Z^.*T M0&;_DX-">;<$=!RK'81^;R!%5CXI2T?H_W>C;B_O"H67/37(.01#-LV$!&8 M\'7R-:+9^GW?RQ'K]PZ/%-*

*T],:VG0=CZ4E)'_R6M8F>=W3HG\07>CP[>VGO<03U+X9B#\/\>_QFH MWKB7R&RZ^@8BD#(]@*29,';/[*V;;VG!_TH9:@@N"N;I4[_@:#F,O+'C M%V.!(;(S&?"IHTDPG9:6-*

A!,^Z"#0"]^>\T_0OO0!2\P:S0AYN1@ JUA5UNPL]Y]%^]@>);+<^20'1#5B'2180:8V M%FN/VQN$>754WJAIPFJXLOS-W=I^U9I8_%%V9&TKT0[*EHGO?$75G'2#-1J$ MG.#G7 8W$*

*SL@,0*N+-N<6$.*^#KBYLPJ/4&U_K*W7$_>W&[$LN#"1]'U #U..FP,@F4L)4LZC&CU.5;"5Z>NLDY[Z510Q"@5>LE]7K M*W;F47(KCL&B@9FEQSM>E)$_5?*

%%Y3<0(F;@(\"!].R6T]$0)#!WDJQ>/\N7H MBH202:[6E?W+2E@M5H+MHUR#JP/;,0]KW_0T2"9=)YV'UWT2-EFDN:D24GU; M0]#C0./=)4?

*B.G^],_6CIWSM&Q[3[',J%R;+CQ2**>0\>NX4(^@DE/C^0,N6 M+F^2 _HQ2H9X[B,Z&#UEA=7">SM;AM8TT_H0"/4H+6*5R]]2H[E2&%VXA)5"4FL M]?*

*=O?.3WK,I];@2B\Y%:IMM>';]E\\67-N>U=)OPQS<0P/X-Q)3KG$95U*5/-MI%T_)J8+;YYI.*XF'V&U3BS55\'8GM7WZGK)G[!X?2G2(UA)970P?:JH!P4X M95\C(fM0*

^UW_4L_^C_M5PI=]/@0B8;?$6>Y[_D"=#>3 MWB=Y [X>M'Y;%XGP#M+$JH#S1YU#,_!O*VK_>UP^_OUBY@#1!2*MA#82R0H+B,3%DSE]@.#*I0SU@9G!?*

WTJF:G9K$@R8;_V4I-.&;/_]-MK*;JH[^[H+W1$6E1M#[D)+WCN6Z)HDN^*,AQ56^Q"Z S!?]PT0}$2BL;ST8 M.? Y2BW"]R#V&.%"PB5<;,M-O1#RWMLR_Y9*7E:!LF''?L9'/N<[*

[19<>+O[M;AG@6'].%Y\;>0&.LT1RDI 0BB)#82.$X>T@6BH.KV!^(@[C%BW9.1 Z@>Y M^J2/!%;Z]0U$P/!5;..WFW885/J?.Q9%>!4?3$3+POG7'>$%(F<^^O8(-KJ;*

M)I=CJ[6'UOD8UR(3!TB-Z @^;(YH\%|<<<@NH^L8^Y)\G]FP6TRK9UG]W M"''(C?CE(SYQY^V^T3M'%QC?6;T^OP%;[S^OHD;7W!^DMU>_3VZ%7A!Y-[++MY" M?*

*L2",S&0&IVK3*8>ZMY#X[]3H5RUN*N0$A+^E_.S#Y#':@-YG13FD8A.3L!UT_D.S4_?IF[TS62$UD,# 2 MCR)CG[Z\<$_YV9I5- F/YWO/WZ\YRG@^]HKIP28@-KD+#2C[+0]KX(<;H 5*

*MJ('B6YM'32!SZ7*VV.^JOUD5;WFY/,.S'1E+'H9/X].*]YI_T0I=.X/L1='\ M!C<03:'I%,9/E#R8S9Q<_:,(3AGH5F$_Q&PE6D^NY,Y,_#&T<.#T6=0^2=+) M6$HWLW;1B#=Z)?+#>A$-*

!_(9?C^YV63P@0'G(C@)O,&U=>N?%5G_@Y%,[@9" MT55R/;,OUZT=$Z9@;2F&[>U+4@^]P\9=H7\.4,]C04.]Q04XA>BPH:E^7A-U< ME@DD>V^0>GDE*:1=]5@;Y$!D-/V-

JJT)$76KSM+]\"[BN[KCT8G0 >L6,AQC MP3M!V&S/O_6&@$N5F-"Y:PQU-?#-QZ_!NZ:T[';6"9+;,M6XI\CP;MXOC'E$-AT8N'-L/S1R,<)DF\>J(V=POL@+H2)!E'5P$NGG\;/N-*

*\%C*3*4V^HX%QB&B%-&PW$/H9I,/3S]K(-Q(+E'P+Z M.GG>68R|>+O[S$VZXOXLR)/IC+I]<3;]5^) /.>-!$;Q%.?&%BT6D VXN2 MQ'4CV E-*

1,#XL6QT.9.WYNL@86$2LJIO..GCGV'MM,;Q\)4=! MD9%"M;FGZI;#\,I)+7NM'R\=LBIF"7?S)25NJJ5GRD(@E!O7=]#CS0#(-MMRH5<)*

(OJL>L468.0NK;,"YS+.GI^Z49U.'Q;JWP\I4KC\|N>=B< <2W?]GK]U$K13BU[Y MP;*X+KXAO]'8<3WJ"7W6 M;_O7GS=8M4'-GY/GG7W6(QN6)!U##X1DCE8H/J ,$Q%

*4=>H/;S2BF,Y>P, MF^$EQ<>T'QT%-]B"@]:VZDWCCVI M <>R/Z'YHJM<%R@>^ M[_N-+P<45F1Y!8#=>P?!WK*RYPD^ALS<-]&&1G)W@N56I-L8RZ]GR%&O3N[=-?.W(*

*M|\=K!'XUO.6H$!GPH1A7"G<3N-(RDC1VPh%4[0T>G,,OI L8PA[19E.0BMK'M49)R)A)7'3;T8ERG8_^7 $.YW,"_YSWC]]OM1'OHER*R>#.24A>@!/#RX/G M29DU@NZ@??%]A.0-*

*8NKNK>IQL.EB6U!5H1B%:B&|(_(=7ZT==SV'/M@;O>T!)B=EK4IH[;1M^-G^G7"_*M'ZOEB>I9KH?#VB*($?#*@RF,2FQ]X=+)*M((!?AW93IJTG6DV258R<9H.)7F M-O;*

*[9[C:WOK,;(BR>,)I M@D>;@-IKNX0HJ?+'.I.4#+YTJ!HX%W5<&R3^[&/G+];+7*0s]D,_@L"OE*7- M>I7(NXL^1P;UC%(@^63?^'YS)D4B/%8&VC=>S9(?*

*9G*KMAVO:MWAG;WG[SGV M&[&M_]|#WO6YEOTF.P4-.&>#-D4<,S Z@:O$?TUO02>3F2<_O[:+]9HFIRZ5 M^VT+"0G]QR4^#-_TR]7\N6^+XM1=%YT&?N(3Y-*

*QH4';2DLGKH<.S"/WLM@/3 MYA+0VXC^{K]V%FMR=_@@W,_?UI&ZWV*E+S]_/VC<*Z+_XE7KU&O'EX66?&> M4QB)*.!D]M0:7[R290+NTH/DM%F5R8%%_ 8[*!./6L;_;*

*{MKE$0@#A\,AF(1$%*US@+$UUZ7"=B]\;$F&+_ML&I^*UOQC5][QU!'/S9)V9M+>/N$_Y2Z@US=-_>F9\]D0[U@[B*#>[K%\B0 MG"WG*1PI#9 U>)*9)F;KH#CQX,7G-;K&UR:,-!R>2*

MMN[YB7U\R5U$A&L(6;.15,14-G.X!Z6\KS&B6Q'0R"G_$1FZB^#6WWS[GU?'.M4H4++UN)(7)N"I/L^--D(&H24C#AG.>]^%,'ZN,A6?FYV1SF Z>^PLFX2;!2 M&#ZPJ0A3O

2!?:)#OE^W8N9^;LA^2>;_H6=O7$GO71-/\!\I.E#N!+=!2H/fS M@KN\\ 'DZ=4#L.[WR50+>[.%8C%PZ)'I7DO< M/L_Y!<

QXT@9)WR"T$^U]+S4DSL(%=C=WG.G\GO3T+YPMO5D9(/:(I R[#\\ MUQE4'B0#)RG3K8<_'6!K8OUR"T_Z@\^;3*SB#QO.#=:YIP;#CWR+/9Z$^GQ MA'G :SDJK?

P3(>Y0$\#/5ZVHR:J.Y;S6&=(V#'MX0NF"STW$EUR,ATO5"7>1 MWA+@/!:2[YQ;@11^47H$.XPDLK2[X]OQ$GR=<>"FENX=C?R[/8_3MF M[N8)XNU63P? M82]O8&(R++F2S7F|*

<7V13\A8/A&6%>5DG,F/BC^5!=6$YC MA6O\HU"[Y%8BA3)X%?[33W"S.,#C1(V2 (4#*]#2*.]D=9{0GQM#\#4BMJH7'+-&\V\V<7<5P]HAX1DE3EO>+?ARM.!5]8P8!0@*

M_P@'#8G$^%"6D?TPZV@%\W=;_GSJRW\C]3T=GE27 MMEA=2Z36C4;HEVY)_U\4& $RZBB ./5:KW!):DYLNG!?M-=G[*E6J.$@\R'NP@8 A949' MWVDML XPI\JC6FV"W*

$E)ZE0H;G41# E2Z1AJ%))=CKV4V[!M"D%S(?9&H M>A.>2O8 DKM60?X5?$45?CI,XJYE4X(IX.[6)2/KQ5X@CA&.#=E6]3+:B*; MD?*ZJ2W_4'5,GY-8+,:?*

*9(V^A72Z%*BW)91[NW09 +3*Y-D3=*5H_6=)>D@ M1:X..'I\UH22\)G"S)L*WW]M$$%S<7=^+RU2@8AM!F*)+.V H;XU?YK>-+@4 M7<5_50(2A?(KWIA3?F,QTUE,=W/IH?*

L9'U'|\3L\Xf|$:%ZR M#32N\|J/7MT)[_=RC!"?.T"CY# 8T_+;8$ T!JO,++VXF<^Z8CS &E#%W7WE MAV^F?7;|)VSG607_7KV"RNW^18\?$ %YUMT6XALP(M/Z;!=W+FK;R_J:1NHM

B\/1,T^0C$]-V+RX2.'A-ZG>2NY)T< M978UKQ;B_EXHC?F\E]HKF;W8Y.8 X0O;..93V&A$\)=XW[VDX0M/97Y]W>PGI9MN9[&E803SP_=B,|\ M!ER1]>CF84BAB&/1#F12)!>K;R

I9K9D6-RM4V#QJVG:X#D&QO#+RKU#GOD. MSJ.?\WON(7C&9900M7;IE07V/_:..AR5=(^RU RU)E/M[%$EUVTB9C\/$M8M M1AMI#\WC%X4ZIGLI%XG;F--Z%@$.+>R

IX4+,04O(@@X;6BVP66AFD,1\4 MWK"+9KB=GNNW5U(YU/LZX$*A;.,M?|\TL5Q=LG&PJ>W>XTIQ[5(8S+5",WH MI#>V0HH7YS!9W:)$51]AY&.T-CZD3_SQ!^\&RED+

<;)P;>@M<)5;6^2SFPU M6+;A7T(SAE!_G5%+<-T]>WX#,?]D[GOW57O[3:9,IEY>6"_K,/ QCHS%8; M>AH4]^O3QEL30?#

*]*ZHLI:S;PJ5S5RUG/"]9O6G&G+[#Y1E##UC3.SOCG#+= MPLWPWE-^6_>H%YZ[ACY)^D &CF>#UGY\B43NOEZN!13!5IQ\::+@&A]NG4(\ MSL(*^OD-EV/4G@4YU|5*

M$MSFL#/?%:]ZJW77W3AN"EM?.JNJ4C4, ^C'G+# MB'O9.J>-@'4M2<,0\8 G868&&XBPJ?WGUH0.==7J&@:3TZ?U!.IQ?LH3!R MT8#W\B-1 GBC1,'1 90021E1)4A.'LT-*

HYIL3UH(@^6M7/&!CGQ0=NV.$E' MCWGM $HXRB >+@W+L(&UH!.\^WQI8O0X21-T(6TG=']H\RR^>N>$UN99?[IK1 M=N#..X>Y-KZI;G]]^91"%N5+S7!ZR#C2Z:XS+A^\A2-

*+_:0"S/(GD_@];. M<M+>*X[J 3!Z;.25?X;V4)&PA693JS%;^$ ME-EO/>[M9#FPLO/]K/Y15!-F/MORBUEU] Y_:C?94/"/1CHDPRZ!U'''P\ZMA M\0@H%DBY#D];AZYOO7:I3ISP]-W#+K1*

*\M\E[4LN\TUM2?P?TUX9[SS#U+;. MWE+*W\/!]>)+R*2@U L?#\",0,#V $ Q^3K'MYTT?C*F.(V;.PMTDFS#*

*MOF:QN)9I.O*4!WV9@8DJ/(37G.HQ6/PLU_!LN_X=&R+4ZJR74L>&!JW(N-MLBM3RT>CH.AJT/Q$CLI'T.D_$N,4OT0A-VY&HIS,*S5#W8KSWKU<'!@4)A6*

MZ\$26MYI7A%D5KR/#F-K7T"N+WFCNO>S18RB58?I3EKM14(*UL!?KZ/'OUK MK)=?X!D)K7Q!&<$KJTN&*Q4%--Y + "YQ)?GT;L'-O7'H)RY_MB^6;3*KM&8*

M%|LCIG/,/E0P;'K[EG-O|=ZP"R?D3O,_]);W -@=<*U)FD#$8Y*+6F5+ &. MH$ #Y.)()=$8;#__55W0?81%/|PUI/IZO)M3=Z6W;5=*

M!3S(E[X!EC^"D)NSV$M"$9._WW;24'*@%W5]9BD_J0H3+?6X,\%V<-M9@5CO M5^[.V!5UW$5^UQTB2?(_H8#S)U";/%==79E3 OZ$%_.;(%_ME@8S/%VO+NR*

M%5_T|R^XR#YR3:BZ@S}(\(>(F# ,2,B+YD#9X]OJESX7="[A4<^[.RQS.G.H3P045 \"V M!\;^T5A(&@"0D:>)"IFLLD M)#@"1>Y\&GG6[DA&..^V1N0N2\MS=

*[L61>_QX.W9 W=-N<6J2'B#34+\ZQRF\ MFS9>_(>>?!:0D'(H7WH\[VPN2SV8M)W*528-DD6J[!9AGU+++1++LCQP^8Z//"*.MC*>2L2UO(\\M&(U_'OSJW5MZ.FOX^*LP A5!HKK*

*"5.*E2(S[J*>/W[*]27Z M *?;Z[VW"*T,#K8J8HZ(=<2UW_DWL-MBV1GXO(%%4?C]M8LUZZSK9=V 9]1S[V<=^ Z$[LS-%3N18,&@XN#3R ?8.7Z<+)=(-.VJ9X]?/WTRD}$J.W :=74HD}(*

*MUKLGWR@)7#N1T6VU1^B4JZ!CV//TE'K3UXXN7(6*T)$QXF0%S;9R886"37[JAGI/YP#5FN6'^4Z5US*?K?;-M;UL,.QZQ91!2&..+:,P.#?++%XKK$_;;Q$V4ZVCG#-L6FB^O?D:-*

>>'=8[79-W-M5[LMR%E=4%3O^O>H\&L_}]%LZ9YO?E=B:?W=V1M2<,0\8 G868&&XBPJ?WGUH0.==7J&@:3TZ?U!.IQ?LH3!R MT8#W\B-1 GBC1,'1 90021E1)4A.'LT-*

HYIL3UH(@^6M7/&!CGQ0=NV.$E' MCWGM $HXRB >+@W+L(&UH!.\^WQI8O0X21-T(6TG=']H\RR^>N>$UN99?[IK1 M=N#..X>Y-KZI;G]]^91"%N5+S7!ZR#C2Z:XS+A^\A2-

*+_:0"S/(GD_@];. M<M+>*X[J 3!Z;.25?X;V4)&PA693JS%;^$ ME-EO/>[M9#FPLO/]K/Y15!-F/MORBUEU] Y_:C?94/"/1CHDPRZ!U'''P\ZMA M\0@H%DBY#D];AZYOO7:I3ISP]-W#+K1*

*\M\E[4LN\TUM2?P?TUX9[SS#U+;. MWE+*W\/!]>)+R*2@U L?#\",0,#V $ Q^3K'MYTT?C*F.(V;.PMTDFS#*

*MOF:QN)9I.O*4!WV9@8DJ/(37G.HQ6/PLU_!LN_X=&R+4ZJR74L>&!JW(N-MLBM3RT>CH.AJT/Q$CLI'T.D_$N,4OT0A-VY&HIS,*S5#W8KSWKU<'!@4)A6*

MZ\$26MYI7A%D5KR/#F-K7T"N+WFCNO>S18RB58?I3EKM14(*UL!?KZ/'OUK MK)=?X!D)K7Q!&<$KJTN&*Q4%--Y + "YQ)?GT;L'-O7'H)RY_MB^6;3*KM&8*

M%|LCIG/,/E0P;'K[EG-O|=ZP"R?D3O,_]);W -@=<*U)FD#$8Y*+6F5+ &. MH$ #Y.)()=$8;#__55W0?81%/|PUI/IZO)M3=Z6W;5=*

M!3S(E[X!EC^"D)NSV$M"$9._WW;24'*@%W5]9BD_J0H3+?6X,\%V<-M9@5CO M5^[.V!5UW$5^UQTB2?(_H8#S)U";/%==79E3 OZ$%_.;(%_ME@8S/%VO+NR*

M%5_T|R^XR#YR3:BZ@S}(\(>(F# ,2,B+YD#9X]OJESX7="[A4<^[.RQS.G.H3P045 \"V M!\;^T5A(&@"0D:>)"IFLLD M)#@"1>Y\&GG6[DA&..^V1N0N2\MS=

*[L61>_QX.W9 W=-N<6J2'B#34+\ZQRF\ MFS9>_(>>?!:0D'(H7WH\[VPN2SV8M)W*528-DD6J[!9AGU+++1++LCQP^8Z//"*.MC*>2L2UO(\\M&(U_'OSJW5MZ.FOX^*LP A5!HKK*

*"5.*E2(S[J*>/W[*]27Z M *?;Z[VW"*T,#K8J8HZ(=<2UW_DWL-MBV1GXO(%%4?C]M8LUZZSK9=V 9]1S[V<=^ Z$[LS-%3N18,&@XN#3R ?8.7Z<+)=(-.VJ9X]?/WTRD}$J.W :=74HD}(*

*MUKLGWR@)7#N1T6VU1^B4JZ!CV//TE'K3UXXN7(6*T)$QXF0%S;9R886"37[JAGI/YP#5FN6'^4Z5US*?K?;-M;UL,.QZQ91!2&..+:,P.#?++%XKK$_;;Q$V4ZVCG#-L6FB^O?D:-*

>>'=8[79-W-M5[LMR%E=4%3O^O>H\&L_}]%LZ9YO?E=B:?W=V1M2<,0\8 G868&&XBPJ?WGUH0.==7J&@:3TZ?U!.IQ?LH3!R MT8#W\B-1 GBC1,'1 90021E1)4A.'LT-*

HYIL3UH(@^6M7/&!CGQ0=NV.$E' MCWGM $HXRB >+@W+L(&UH!.\^WQI8O0X21-T(6TG=']H\RR^>N>$UN99?[IK1 M=N#..X>Y-KZI;G]]^91"%N5+S7!ZR#C2Z:XS+A^\A2-

*+_:0"S/(GD_@];. M<M+>*X[J 3!Z;.25?X;V4)&PA693JS%;^$ ME-EO/>[M9#FPLO/]K/Y15!-F/MORBUEU] Y_:C?94/"/1CHDPRZ!U'''P\ZMA M\0@H%DBY#D];AZYOO7:I3ISP]-W#+K1*

*\M\E[4LN\TUM2?P?TUX9[SS#U+;. MWE+*W\/!]>)+R*2@U L?#\",0,#V $ Q^3K'MYTT?C*F.(V;.PMTDFS#*

*MOF:QN)9I.O*4!WV9@8DJ/(37G.HQ6/PLU_!LN_X=&R+4ZJR74L>&!JW(N-MLBM3RT>CH.AJT/Q$CLI'T.D_$N,4OT0A-VY&HIS,*S5#W8KSWKU<'!@4)A6*

MZ\$26MYI7A%D5KR/#F-K7T"N+WFCNO>S18RB58?I3EKM14(*UL!?KZ/'OUK MK)=?X!D)K7Q!&<$KJTN&*Q4%--Y + "YQ)?GT;L'-O7'H)RY_MB^6;3*KM&8*

M%|LCIG/,/E0P;'K[EG-O|=ZP"R?D3O,_]);W -@=<*U)FD#$8Y*+6F5+ &. MH$ #Y.)()=$8;#__55W0?81%/|PUI/IZO)M3=Z6W;5=*

M!3S(E[X!EC^"D)NSV$M"$9._WW;24'*@%W5]9BD_J0H3+?6X,\%V<-M9@5CO M5^[.V!5UW$5^UQTB2?(_H8#S)U";/%==79E3 OZ$%_.;(%_ME@8S/%VO+NR*

*M%5_T|R^XR#YR3:BZ@S}(\(>(F# ,2

M1UGXP7T$WRN/1X\EQR]9M!O71T8>>M'YJ-7:3-NPD_AJPH+PJ7#VI /:0[^N M#RD$>[J?#)Q ?]+CY /9U!+0&+^(>4@PZ.FV/F]HAV4FQ*:[BJX]V_?:=&;&
M;V90[))97V:>8ZWJ5UW9[ON;A0&N1B@4A9%#ER8I@C3.!4 YR>[(J+YQ2X.$ M.18MX2G+N8;9FFM]??IS[UK77*[K%L2 [552SN17+*1 X4LG\G+A1"M&-8U_ M6\RJ("JQR7UUV\-
JMA!R+,1*6YKJ[X5]/-'BH_-Y]+WLA^?/(CVH<GQ&T]^+<<<.7<@87NA&.!TU=".84 >C&^'$=NN@:F^+9W M@5XQCS^[X'!Q.Q]8>.DW2%3Q45_1G0'SUTR[[KEJ=V8Q2FR]O?12!?
^E@AT4/[MJ>H VH D#PN,P?0/2Q-AGN,K\K+1C!(;D0R23MATS= &(KT6TF,,^1T?7;0P M56QK/A95&*G9EAM-V#[M5B%G>=-L_JX#^F&Z 1O/%S>%HU>-])D.N)6HD]Z?
ME@:'N/:0_6JW)J0_8N?'#L6XZ;ESH_(LA[Z\C@\/JKF<]M!?'85NPD+PY7ZP? M%P[H4>]%E_1K6(.)$?BHX()M^2N^^@^[KL4T2?JKLWSJ&[:KE_TMQ[11&&DH MP,?
(G"\.\U&8!S0I]V4+3A-<^_B(L9 &]FS)H[^-/K<*?IYO+7@3]T:;\!:I M7Q@3=C]X8$(3=7$$>T/%&E+^R9> NXNP!-@YYX<"=44@^=;>YZ)-8XED687
M$'2T+'V^JZ[I[<4KN"U'OG>'3I5Y7A(1OA^038$](0XG#X6B08:Q<--DY@;B MS# M@2&=S:A+/RTSNA+5/I=C'**$HGG]F>]45$ZT"UW/YF
M\:R7J"H%+];P$LS+16Q(HQN(YX608NL@N?XZC*H3YRA2WU52/Q+U*@AGW_PF M9)P:-[8 @YZWK$JNR"#C; R>TQI%5YNW-Y08@3 ?$T'!Z[E
83PH4;9V0I^H84!@4.APU$GTDBC(];Z;T84$\O,>4ESV9OG>\Z M1FKV727FQAU7^[DG%7WL4B_Z184#NK\^W=H"!P)]W8!9!^IA(&4_3B2OAM!=TA.B=697-85X;DSPG?
LX$@."UQ-XL*+P?-N$L7 M"P1?<'V(KFX:LQROE ,CA@'6-L6--E=]#?QB-+L%_-_W![K]?#%Y'J91&PA(MXR<7AE2Q3:/HLY0T^3 JT+KZ4X48=^CB&"TY2$2]:_3/"G8':71::@52%N1+
M%Y9PCH.]=71RCP 3K1*AH<0?:FT/4HVO";5UUH_L/^-Y=!0\TLSY!W56_M[MC-$)4 #7B$PUX@M *LV@*5N;D4)%B8):G*EJHR:\[/=U_P<5T]=5"WF:2*LC
M9QKE3N6UW5]UV(X%W/"@ 7X1!IK"GH#PYKYF\+#*:7)X6+2*+TN*9S_&_;K(%TN $1,.MF@<"<;_@#N-/IW-.0V_ M+@COZ%M_-UU3F,)7_,[7'M60K_1/#AJM"(BV6"O;TN"
<:66*"YMJ3!\[6@Y\; M!7>V?'(87%:]((4?^"F;08;U=2*&H2JUI=>]G=PX4]L:8]1?Y5P_N/NSZ"S M>%Q;S_R)O.97B*NDP1%L/JP"!30P@10I_;_957/6D*(M1QLE35(E[@5CB9A'
MU,=$^_%SEI$'6"[;J($1K<<[9N35S+>J'GR4;#0OR%[%]V)!XT)(]08W?D%# M&V1SMY"I<*'0Z\T2.5$\Y+&*R?WZW<[!]F50VYC1/4ZPQ\,;3=K"24N?'>"R M=ME@-8$OM0IK_(-0Q!?
_"X,0@NJ<5T^604^)#(0HB%-)!'[G9J%/-+6%N[LJ M'#=_+3C 5KP4&KWZ4.KM;H@,=RCJ>$EK<2/W+-&#EP6)<64)?BR1]$6BVS,0 MS]R9PE0U^-W^HKME3&/'/NZ^L<125^_'!?
M5!@O<7?L2X>I.P'TQ@?T'*5DS M\! ,^:BSDNR2@95D#0.VA8;5V/)BM1;PC*:<4-(AA.D1.&8?K#;SJ3(67A8/64.[69-_#S27.!6$IG6/7Y1 MF-=U3O32 9UM^#OULLW9X+Z)];?'>
<64T!>N;IWIK-FY?IMW]1BAQ(__XEP] MJJOW:":):C^Q$.#Z ZZLXFSV6\;P=9(5(>%H>],H%,C,D+HP\'$-_T#2.I;] M/FWG1R^"#V*/3I":O/\^D@ -5@.'9K3/"O$2B4CN?M(@"G#C:?
4RE'OK4NZY MW:#?M(L^N]9ZNO^F@ M0>LB66_0_^#+6P1L/TEC\LN'KL"'/I\M6EY?RCED=LJO$9H]TO#FD4%P3OZ' MPFGUJ_:#_Y\?2_^O(?BW
81[A$&USP9BROT#^H]*8]UW$T[[![MP%F7*B15W MHULUG@[D1&"1EE7^@HM_5^UINIFOMWZ^V/G.(/LR2!] ?C!7K(RF1JP [9' MUQ#7&7?KYS%"
[J"7AH3_5OD(7]K1]%=.W_X6 6]E+L0"1PU^&U]%ER!!,V66 M2,\^Y7XZBJ3XT^9&5F6V)>Z*^)IK4T>P7]&0S2>ZT)?B?,A%W-E[+A%< (K23;"^[HDXO], GI0VV!_*M_F#R)6"@+
MEW@27A/[I:GP'P>]EH()IY"0,WGQ\>C=)GL7R(P[* !'7ZSC(HCGFWE/2<80 M=J+;@NCT<=EMXD85;MW7!X:D3GRLW.30@R_MVW6#"D)%C\Z[,T\AB!BXA[;Z
M_(S50/'R(NU<+NF-[?@(^:OS7NZ5._JT-$W5?BD/G%RH@Q2P?/$C<&USQ8,Z MI SN23"..M&M/5G4NRZ=PS0R6W?T<\$OU^0%Y=W>D>FBXKKCI&;WR\2\V#^; M6WX/?
>^3Q)2,=[%2Y+J\[\YZ"[H'V.3_H; 4&^E,)'OL9?L@3)FDS%\/4) MPXR>B'+W-M"VW&>X+'SREP@R(ZMU=8"6ZKZB9OKJ_.$.-=D_>I#L,%\TFK&! M +4K,^RU(DHD*>%2^/YI=-
^>/9;*J7I M:/.<0;;Z CJ@;?3//G'5$TVH"&75_%Q'PPM6C,1!R[4E!,D%I/,E1KG_0 F; MQQD(&7S1;YOG(WC)7;O*"#:3_1TWDX@^;(D^S_6"DH08F8N5[R<*E?0+WEXJ
M]KEYT$#!6C9SM2T>1B_E?%$QN/<1><4;B(5=?XD2M((_= Q;".Z'9@_/$# MED_P*+3_B9Q=IW!31[Q9\/MQI8%])3]%]:N1G]" %QJTQG$VCU34@[7(S&EZ MVA]\"D6NM,%U+S&
R?6NU1XKW9]:P)DX4'91!7JJU16E+.Z3?\R+N8& &486CJPOIW@:'^B.(%[.Y6S@3C!.!.SX*!$ M9GRFI).5NN)@WOV+-%HLR9YX&!\/3R7J36CH:[.-)K1J'HI_7V<'/F/%@7'
MC44%IRAF#L6K+U[ABDUV[N!2%3A M!8/1_]GK+>8+DWIL2B#Y58FD*$%OYT*@/NZ!LNU):L*LN.%1SV-:B M9H>A@YZXU1-
WNVM\T6%8,@BPAD.#6FP#Q"79[XV8MM'F0O]2W7INM>+?9 M:N1-X@G'I3;K>T>/FJ8CH#)P5,4/-L R![?ENLC 98$=A/FN[2&8KR[0SP44
MN*L04BKDBZ/8JGSQF5!X]@C80&=^:$@!CEVMM\)AW"Q#Q :JOWVQNK"!P.>7 MRP\:NO(5OX$(>Q A%:5^N@,@[9< M=\(U!J5OD*N-4YG-
+B>''8K?]TPG=BTL[6*DT8LW3FKA7W7:M'1L#VX-06Q^ MM'3M-B5HF&;..<76ZQ$C1^%!_3]K@_CM8/&@7Z>*X;WXID:@N0M_-G&I;/7P
MC?:+FL;UO9V+#@M"6"3)U+U>9=IP2#O:%13\^;%U/8!JUU6/ N[/ K1#EP MDF& 6\E"M]+[,9]S<7_;8+5C2 IDJG-7--<=\@!]N"+*;XRJ,>6ICDXP1#& M'&BNK;CXC$:-
]0@K]ZMR3 MB?_3*?:RXQ:2%QQ)%S'7RJ(;:!55Y?>JK@>D"IT]:C!:@9?7 JV2BLDP:LB MA]/H-#V.+^\)\1B 9$DW/K%_6(LEX(]P@ZLGZTJL?FV;:VN^-QWO:IJ3&UG]
MSN^,8?]5>ULV'.-^G"(P!;91%NC'1G'F854G2UV@][R>">SB/U$Q3&/&5JU&GEN^^Z> "=)L";#?) 7; MBH<4<,QOD()3'QHNDRIS0V
M$)PC[+@^N.>+3F%_QMIDX&RBB@L]ROV<3VDZ!0M9G3]*>(H^6P?"@=F#G3+@ MB]'*8"3>=?(I,I4D/=J4Y75D7(>]]5Z.E.\$G_/CJ_?\#9_;R-^/CTJ?+P4N
M(XB;!\A+H$/@/M8PJ&V2:+<#^'FB/O)BS_3[5MQ'6E2 M@H_1FX8?I?KH'8-?!WLB0WLI*#)C%9>M3GH==QX;9M5MW]$V%N.O>,U/H1E@ MMXZ'K,K/[]+M^?P86HJ]<^;!'!I#/
7'[C_=\JYLP1.3Y* 24%\OJWL;(8^;@X^DX8&U^/V]-&9+#\$7CN#IDJE;7OJ=T MHD[1,3;F9M?^=;F7][PY2X31"FE@RX@.O-(HQG/@#_UFE\G%RA^7JX1: MG.<_1!I%AGRF[]:)BU!H?
^F9EJ8M-/DC+I6\V3>[]L/QFY?-EY#56Y*M<:H9 MK/*E(X5J;X@U[U37V/=?!DJ2_0[PPDCU;XSZ]PF7"T-AIRA344LSMT[UU+[_+CCP_3WME$C,&:0X;*A> M*
YXZ[#Y^7EE$M'_Z506N0\E:U$'_EL=%&/^VD(C*&](Y<_TK>V*]_;S7M< M8*#@UC M\2\[N0IVJ@]1LAMX=]RRH(@=L?RM;Z=F;,W=2>B@>.$@P'OL%S"L MFK[6?
^4&LPXTKV045P$)6*!R28H;0UAAB60N_Z;YHWM.&W=])!;A)6B'XB27 MC:H?==QI[(JV0UG0%'=>T)Y)1L63WJ"!PYA$5",=DE<9Y(L%LG?R,:E\H0RW M\7,Q/G^*3'&ZD-
=TUA#;]NS%>3M\]"\;J_FP'*KD5@0:AG>,[W$%@JC0P,- M:QA 4&9A%R]NGL$'_1CHZ]-1=Y]DX*4BZ,A+G4_M;'9TMN'::A\7N>6WBJSN MU/W\X'E5:+CB(AK
#2_*,S:_Q#2P@5#F[R1N[L G0SO X4=@>6^L3$0'IM?M MT.R<:YM+9:Y8;K4HYP39E.W/0^@W6;ND0R M(W/SZUG9*63 ";T=_#E@+\I[^*=.E7+S4J>!0:JEO[3]_@BC+_F]NVXZ?O8;
MTKR6>;9[O13Y#@G:#O/=9ZIAD^S_0/E]+I^=#-?1C H4< @I#N$G M+UW!]F*W=1VY]\N7P!GT[R"4M[>,XXV6B#2]G%+"@8-R'67:SY,.5JF/K__= MW.*
C7J1$,@7O\O5F>&_GC4&'Y"9JK8O8M\>CPQU&_WXXR0N)$2L8J7IY<0$.*:WRI,5X1F5K9# MLU>\P/)GD"V;5%CQP-9[_+>ZEFK)4E7PF0G^9=N=.BG&59I[]9E'#^RD'^,]
M03.RL2+HJ+I/VCV4!J^E2C;*E]U2Q^#]>SF"3_%X]8)&Q<^F=W)7\W.;=_EY M!%]Y:RK\RO.3N^_JC?.=EP6'?G.W/2\UHT7=^;82*7@9)/8)\;E1(]BV^>P:&N,5I9D?
\R==;I*5Q!DZP<:Q0)R-1 MS+4!N+O 5!$M!YF.F&2NDZ\N=>V.O/$L]X)F;N0!UJR(9KUQ"[V/L(1]NHDS M(=Z=&G*
*AW4TTNVDYDVZ948%OH,!EP:LB*Z"5>S.UZ;O6%FG%*.O0/_.NS: MPCKJ@+:C,-ZZ:)-!76R6MI=PWMQ 59O@JPU$FGT6=G/W52(F 2F]N7^#:K+* MJH[1;7Y?
7@QX+.2;_"1'!M^6(5L+)-\/*%Z+SF M+G.N%QC"%Q>N!?.<@1K>TGAVDA]URVMC7]8 Z^W::L:"G*-W+>JKS"Z=Z*9H M+S2CC)$T'OP-
%4.90P=B9GZQNEB*U.Q2KCI6V.00T=H"J7I;)[[2V1$I^X(?SZ$(,+=0J2>L-*K,KST AE\N_6^&&>A9$0[>WC1EIW MS*=KAE:66Q/77$6W7[6;$WFHN%P"$$V@'-04ES]0
],DEQJ#$;XAF7J?_'RE M;T6,$+&7? Z9*C+@Z1772K)@+[>':E1<8<5_4V+]PW(YL5]-2^13:2=JWYKM MF<"?):#A("2;_9(">-.W@O)4OC4X7T7882?U=';6;[@BC'U:M?&BFO/)ZS<[
M#_QU2#*__T&DB4RU[+*L &&330&J/>M&9?LC X&+O:9.:A&(.=?6M]&?[^R3-+,IQN-CUQ0CWMKN$_ZM=J5;9._MU0%SYI5**C*)) T:!52YD$6NVQE5?K^%'9)Q:G=U#6/(F24=*)!-
UI3/G.PG M-V @&0QS5OB'-O7 $SJ]QZ?@ MP/!\3GVPHY.>@L#?(MC45+\>"HHO,&-XQIDO/9%3HI;OUWE!A-G&C^$I3LM% M:NE\N3.)SB=NDO%"6
$)HBU\'R#07LY:L"EP*R9H8007O H\@7!?->NSWT^Y MJ-VX\UIK2?NMH.#>H2M_),]N*]"\V.PP_/$JVHC" /!_#\X,\V[/(/^>\NK' M HYHTJLQ6>$DXNJA5?G?2I1-7>&,)^A-
Q87R>V5@0R(\F'DWK0SR/66H[] M=;$OLLBXLW2K94'5T#MSBP*IGTSU@K.ZB*0$3_&,__H7Z4WQ/V#Y$*!]QC9 MJ8A![]%+7SIN6U+NIG)L]7OC4^ZST[^3&?JC#
(D2BN?:PI/RMJVNER,U-.CR\2"DRHP0-N%Z) M6!U$-;TSASE]D]RLL+1678!3S.67(SN)'WH.ZF=+GQVZ\INB]"7DMX($29^ MR85I,OV(3)W2V U,4O'9]ZQ[*&F7![,?883
;_W3)ZQ;8L_^W-]?MBUJQ[V] MDA._=)M\LAIT1I:FWXCR'^$8%- 1M9WVN M&L(SN2?:E#W?],^E+T]-V:T8W4VW>:U:RY)0%' 0^;H&*=;QQ5IA_\F"@S@& M*AD+>)F QG6+?
X/E9V=G"=)()?#RY/ZMAYS+VV/N3?<@;XM<1YEROM3N5;.& M(P(X70?0^&(+W&U$6[9(9C71B5P:-KHP.;OCXU MW=&4YSQ2ULG%3 ?>$)=93MR2ZFA:W#TFL 1W:[<-
A%0X26ISYX@H#K1DA*LI MM:!$NBPECPV42EMT$HMM\W(Q%UQ6L)M;,F2H-GL.PU7K@A/FL>TS?I*]*&36 M!.X"L#VHK=66/B8,H/#&;YZ2ZD*YZ)H8+E)MBZ.[LT?//\Y" G@-
P7UY+IC[[T^OCHFZJA^3*XS7E_0])JRZGQ>,WSZJ8WQ 3$*P-=?4 M 550 EQXQT%)PA"0B66*%+"O'TQ*='>!*MUEFM;!DPP@GQ_7K2$O*DBVQ[< MM6&Y._]-)H=0&(UHY6Y!F-
**2;&'!RAR7><EE*]).:CKZ]D2#@"#%2%<4H@*B MTA0I2HN*"(B(#1 0(M)!P$:3D"!5:5$04%!B1Z1$:J0E=*0HTIN0D BH$$@H MX0MI\\WOW;?6???
^YLV=66_>S)KK'RJ*W2C)>B!P M*" 2)^A+[Y%)*7P3'K/J9+4@JNHXAJ5'7+U%9$M?LO0Y?@;IV9N4;@0K]3>' M/X:_B-1AR\&XHFKT.:Y8%,N%;<8I]G,"Y<1-IIZ^^;&/>^_;OS%9P\-
N6O5L M_/UGDQ8'K9^\AQP5U >=8H=%8)\E_[QO$;9L$#=/I.HDC6%BB[60+GXEJ2YG M^SUJ'N>)!NV5NA%V(49=_=B7,5-?P1DXH.[]^/UO$MW_JH%\UJVWNMQORKI9
M5DWT'DWGM^G2\#&?ZZA*!I&M>(Q!;<:6S8(0EUG%>5N'<#>=R28KQ+8H##D4 M">&EQOS"[E18V0E@O;_;[5#1WUBFJW"W4*>P][TLY^)Y)P<=$LMS?Q,\M1,
MP=1A2D'%BDVLW'R8:/_ZGJ0%1(6T0NC6WAY]*G_Q&0[L,6R$_NP\QR&"_/& M@-D!?Y@T6Y\17S0LK*\86^^L^#M6W'^LN//EQ MO.CKDHZ$3"..:/*$CZA8NP]UJ
^22H^RH%J06E^*MXVU5AF9FQ,P\M+2-Y-*I MC=ARZP/>SYYT6C]>)AKG%K!$FN!T7P' @J'BFL'D+[&6(J_0U9N)TE_V#B.5 MICB'BQ=Q_=ON-A%"<_?.@<)A73X-GBR_?
5DYB*H&?GCX*@&XW1P30X9,!4L'[T^E?=I6?->M_%+VY*7X,U =Y9COZ MYD/0@&F;B^WI4;54DSMA1H4EQ]-U1#KV&@X8'5 F.^+1C8M,.GY^EJ[\^\WF
M4XR2DB3@IX93DQ4[%--)Z.[]!R:N" 8T01/>Z-[/?#CT=HCD\)G @\2I_CJ? M?+[OU^)[.9;E,Z(HOO;Y!NE8R7-7"0LQ*Z28>SY=6G9F,(L' 2%55(?E"G M4.SJ?
^CJ;^=3CH%W^T^6RKJKE'S?-*L"2M92.7?K6?I:B@Z:#/H5GX:3;EQ_M4:$!D_1UV'CS04W^3["D2V5I<-2G'U0&;@@*J!O2A%EZ?B3Z*9UXV$[]8O3I MX$34=D#@?7ZRXHE=5(K/J
<0M)WO+D;7#4T6%A55"PF#T2SS(.(G)]V,>H1L)Q JE8;;,=>.W?74[U1/A4P=ZB]D* M9H\T7QFU/O_V,L)&XFF2>MC2,^9KY(A$]7HV5W(=D.2?S@?Z69#6@G\)KO$!
MNY6[*US#EA'T)A#$-2X-1J&O(MU19ZP6]92MPC_5A#S-*5PA 0?5&W52 MQM8>L(\4-U-QDDB3^J55F3LA!6,_;,*'KA\=VB_<'=ZYM^V]O7W#;D<:#0EZ M3$(9(/UA;A>1;A6Q+-
A!_27%=9(4A+*_LEKV99=0 MSVQ+AJSA@5MWHS=]JQI6N+1@+Y15<4W@2\\\GBVGSMTRS))%-P; ?4"'J9VB M0[,S>RVW.]&G /D8*4*_E-\
[BSB_[Z2,,9D6_U,%,X!5]'\>!"WQ*RR)*7EY=G5&'- 3GJ]8]G M%NR]V/F#X)BVVTG84$3 &87FBCE]=/&U-5OM7S23>[L&V0HYHIVO>.3:X]K.
M[2LST6;;P5ZYB=S+R4/QHRMTP[>BMG(]$=MWMO,@4#:AT2Z5MVVZ=9R.PX;R19M&V;U3&X%4CD9G+D'=#,W?H3,)SZ&M2KK;F]*// MT0R6/APXJ/6U5O;:O1@%H;#-
Q(MH\E,2/2B1+;/(W8*AU-HEX8HCP_&>W5DS:F-SPIQ\A[TL2#^)JI'E//2.'J=Z$;(=R]2!VZ GM7/P-C!Z06.#E/ MAF=<9@P]GMJAX^H8^F&L\ZS*R0G5R'#M1UN+:WT[;L &,8
:CKT-.H5@2\"*6O9<7#.9Z9+R\OQ7[N*BP- MLE)A7.)N 65'Z]P&-0T9OSU>FX_#U+NTY8:X-RW-Y8K8QK03-A#YY RP][\ M^12>T[NGYOCM,G?O3*?MUXH2A:]H?! 91H.P.
(6KV/,*U4."6G">$P[AZX8K M!6^DO:>,VS[6I/X@WR[0+(VNGDJMI1IO/;H(& 4T<[7H6+9T.5.9CL.\SC$- M.TOO-LCINRHXH_7CGO+SC,T]QOB$;Y'# Z
;S8.P%77H1\AKM,/YW#YT%906 M0;%+&U948SO6."06A4?.RR_W;-D,PYMDAUUT;8L[L!1[.N6RB$3N8T(AV* N M4 !WL/F*-(5N=[].CHI.,\+'J-#-
"B.B@LTRW[2&!J6V7&CC(^WC2XU?OMTY M+EOG].9WC@][9\A'WU"#"^U^T'E+DPL-A?&7E;>YISBV8.F>YH'<3P0?SK9T.;^])>,'$: MH1,LNV?E1WMV++KI@)T>"')G
JAS11GTYC:$1)T4H]R>4>%V:/CEH'KMX-T' MQ8JC;V([15\;7FM(NWWK.,RSUT(6$ M!_'!1L/I&.0I1HHA(QS3 J=G^N/1 39='Q86+!_?"5&56LQ31:?KC^/%XU5A M;_YGW([64&_/,Z5;-
I$V^Z.E4&KA1-OO>I+R7Q=6HP*NU-L$N.S?]H][#Y?/ M&Z4??RGIKS&%&P7U-/^P#WP@FAOH?*.S(-QZ*P<>P3Q3/]YQC(M-2GY\'FU)SH]LI^CBUX?T?
BT=.KC'80KVP^8I@VH/<:/TDM.?2R="G6_82I@/XO4L4B+9ZE MS6WE;L90[&B7&,/-><*]^4^;?4)P?S1D7#LWG[UIV9WQ>5=FZI7[WPX?5\ZP
M"$?//P8GY0%.'#QH+AET;,]P/IAH45UHNC#0S['N7\C1^+7G"T*_V.=R;M>/ MX\L&@1V"Q_0CF2#ZBXE%M9!*WU>_#_=AYG/>LU7(MN;.%9'%!WM:[GUL5!O8 M/ZYX2N1C
M6L0F#^LF,\]QMHFR\A1@29E4 T2I;[%5Z)CZD+H.A_REJM"!1T M=)J59V1"M7O9!UU/P&EB:V<@^W'/>1_!*"!8;'MS)>XNUZJBI#!UP1W1CM;'L/=F:A;VM#NYJUVIV?
D;>UOAECO1<9B^L74% MKK@E**FJ0#:HM'&<]+V<#W7BK$.XECEAAAPAF[(SPN34V#U?^KETT44UC4## M9U+//.(P&9(FR.>4:+@DB&?
1HJ"7%X>@7UQ,@TFCI)%W!]H;75P==!+5IY3B MG(NK,C[4<[)BM;(J Y1^EMI()-]".3A(. 1D^[Z%6'^&CJ !#1Q;2N$J_TZX
M+PA$S)3]B97?"J9(0FSMNN40TE:$;RH:GF0MS]@Q4^ORM*[POM"EO1W39HI_ M3F_O$*$GX6V"L2PCN$*PBL@>A+\73S%#=E#\I/4M*=9=Y<%7)JX(4HG 44NF M R<5[@,?
GV5ZV[EL?Y3S?D(XCWX?O\<50#L0R1M-,22*;4[PABNU.-P_8B)/WN9%E1\!KIV7>$0YZ ^TLGP$GK$J4^._9*JFX? M94]X2'CT18]4B_LQ.Z1NQMR^M,EV=!I.)B]B$.6&&"*9@I4,5V?6
!>;%Z;R MDP-G'754#F0VI)^$G,+\^@=8]D=?PX[F<\5AE.#1 -!5?G(7%D?85]';Z<3] M[LR63QIKN6@A].CT\)8;:FEC5V)UGB[+.FG%G15@12N#SLUF)E#.E60!E0P>
MY"K_DFT/TXFAWJ23ZKSY_IV C^';03UP2#MZ7ZW*UE3M"'J^>H83R=Y-72F MEWG*ATL9&\T,\[9/2'W CZ+S8-B!>\-Y?2;Y!%I"=MI__MY\[:ZBX(AJ ^(77XV\BH-@3]
FPGVX<3SQ5F6Q&(#'3,"NV2.:/^W7#B0O&; M4K2!JYEK69?BVT9O"=VXGQ)IQUY"VQ& H0AW2S/+&-WH;":&ZL=6$&G-Y #T M+F"XS>Q MDTY8W.QRK.5PMID/^T2G<
O[F6A.3/[H!T71"_$>TOF@J.BRR%R MM=D*/$AL%/Q&X$X+ANW/,-(66FI[3+!0>W?OSR%RI->2'5UTP2,R7O"^:EID M#A'L3Q(X)""$\[$#5$D-I#$?Y@W.9Y-@Z'UDX!1,UOKC:'BD8\
()LX*PX!O, M\M'CFUXL%PWU:C?'-%T[?;(45![GN%Y$48D58&]QV"[J]-M0E2*'M6!YY_B@>;4LD#Z'' MQ%MY$!@X_=*4!1"[_/L1I'!U^X$Z+:7I[O@7M,#W)/^XO-[QKQ(:W&X;Q#-X
M*98MAV.: W;@ZVJ0UIP4I _CXK=VRA-%GX+I@6\,N9304\Z+53V%8H5ZD!VPV_R< %3N.*JP!L<9%<_4MV7!^%X!0SEJ$KL#A0;#@=QV_P^A?
M2&48SDY8YP!5G*P$(5B2WR1%L%%<&"&@NGT!&UJ3]"10_B:^(>.27OJWHNH6F MP.SF:+CUOT[KIV'<.KF-CFV!BO]1%F60$O0X 1:#QRL]YYD28>I"R8O0W&5.2'O]$/X17EL32
QH5AMSVUO=J M$W8 SH@M!78"MGZ^O1,= :IE7XK6#(7.[?!(:;I\D/$U2I!E@VXTAKN3QF&M M!LJ&G *T%]@88-&AKX('^?1[F*O2+]R2Q62-V1W88J*]YKV1P[RW7W!:#NPL
M!;"QNZ5B==@RM5/ANW_" ,M+[(!BX#['=:8?FM&O Q11<:4]7B$R(FE7QN$:&I 3JW(CJ"$BWM"N^?AJRT7?[WEG-.)5-YT^CO-Z'6W2 MST3P+U9Y84=PC3)
((TZFF5#XG88:BP%*Y'B4B-V5R:7SHM)V![HS/HD(O/7> M??/0T0^$K:A6=!EZ?IUAV0I7Y&Y!;J(/)Y@X42,?^C""B&_]*!HOG*U]_'[Z M/8]:ZBL_QH/X9KB]LH
@YUAGP#Y2Y5_<0%1!6SYS#W/[X*6D6.0%2N9EI\KQ M7,,$RJ_=8C%3+^^RK.P%+'.)8I!=$(T))2,$$;JTE&Y=-94>US%A,B)WOF^ M?NO>BLCMM.(;Y!/Q2?O?"'@57.L@O?
FZ?,1ZI[QJNO4^PC,\'E^!MW&Y M(KW]?''[8KQE\\?@@A&0VAVKZ/_L:$!"#+#>)#,-+@OD;5;60]<,P\#%C?^ M2:VOX.+&_G\A^L]: $&NN" /HC[.$D:/HFMYD/ZKF6N\Y=4"
\';93'M@QG2X7T3BT"NOG5G W]DX6^AF/IK*$W M*CS7C_)B;0NCA7 M' V.ELX .&6?D#YY%[-LPNV:Y'-FDW16"Q%0P*SY$HEY^,,/U;(M09NV?=UU MZX1>KFS![:3<[%"RP"I-
CDU%@28$;\?>]8H>P"0 6$::SA;0FM'K*@=,-O,@ M\F:ROXRN9G<$!!3Z8J+RD[=K>? @#]'9OL6[ELU9Q I=O==DY.R*!U?\'L*7G-\+*11I;!E&'D,&Y770"AE)HV):Z7?[/9%2-47:-
[H2%V*FK M^V_MN7[RQDUHGZ(&G=B.ICN2 &U0H8HS8P$/&%M>O!D!13K1>RB!K!.FLW&T MXKXYJU/A%@U)-A>V+[]THM[9]7#OF=I,U6^N9ORS4:!5;+Q.]"..ZE#!!O0
MZG"V3'O#F'8EHY;2=4)386QEKZ]>KM."\]"XYXVN'>G6UY]7I&.U]Y,U[?$) MQZ']]S26=+A;.OC7M/D!3Y&:X.=+';:T!E=>M 5>235/;+4AN)TE9=E0?4NSEPK=A@87YR'7Y\'P+
(S2G"'G2C'5_+G>0? MO6$;3EG5^;WQN[[" MJVU)[!:0CG\6X3K:'SZ6P7P$\$-HCX"5*>&P4[T$ [:&S+>QK/NB"22'JI@I MK07SMJ+>]0=+#;]53ZF6VG[>N^Z%79FQ5DDPR/&3DY+-
\CX*V?HV!Q(B!YCS MHP/R$Q>1T(TVJ/ULKW^<[WE(MXNY2^0?-W'Z"0[QP@NA-:[*_5-?E16IQK,Y M1U4SW>-.JUQ\T'>DK)S3"GZ_C)\B)ER<.0K^=05JF2O_^$MG(-@>L/7[@$E2
M/)?F]&I9DR9,POJ6'8[*:.HJ,[A^*I?Z8]S\D CIB>/RM_XICI^!%.N(?>; M&3^V2 52"O"B]Y\!!,D]4J85!(FZ?FE*1+%*EFJ8=C?>4!R6DZS9V[%M8D:W M36Z[^OPB6R:6.4'W8GR(7*<
RYDZVV5",XCJ"BHX4Y5\A7?OZNM$%CC M_&^0S_=_:?FG]H"OS?^)WH* BLM"]KS__UT01]&-#D0REBA*)+^'E:(?H+VA MR=S#P9(G[MS:_.85\,Y^^Z^Q)\
(IAFI*F9YG]1[7R+OV=I)U#TN887 8.!E/ MI)_Y"N>*3; 4OM)ESC("\Q/K$*\"+@001(=U*-Y521M'?SYHO/5)89N-;$G* M9>G44B;A:XH <(N>304U")0KN<(!73M?\8G-
=E#V=7I^LTO/IM^PG2$!ZY[5 M^/3.*$-EF'W.Q>RL6BTO@X^=.(ESI6U-%E)!W$2V,>LFZBM*G1.W @/VZ[1@ MI4;#?::^%9 C8?(_$.')?MQO">$7[5,;1)!_%O:*19=WQ!]O?0)K0-
]'T,_V M %I8&I%EC>KE7[C12<$JURF],F?B$AU(H*=8DN_2L5@TKU<_MAV_]$;R[LR8 M:F;C4G*7] [/BRYA/XCTJVA Q9#&85U!]: %B==(@#IM,5&3(,$^2*^07V.B
M5!GFSG8%))>6K*I4W:*S:DLO4[%AD(Z0/2I[K"#K_98P$!F0YQ# <=X[@%\ M(NWF^N":XRDUK4!&EG;7[%U2E6,>
MB1[1T^A.T>0_4X*LWO=C_8E>ZTXAVA]+3<)*U[8;Z[N[L%6P G5R/H MEM Q#V8YYY49WQ&WA)/SW."]%7#0M14SZY&05V3':$0YCTU.+P0F?;%_9+,K MO;LH':-
]9>9@=RWD)C033B[;!VJFQE%TF2C]&VI STXT"M\YA^=*2R*^?H/_M3D3XP\GIJ$ATXP]8Y2V&MNWW7A-[IHYA"8D6J-'5AOZ=:.?/!(&9N@);6H0K
M=H0!RA423B[!TJ\@9,+/Z2B$1YYAP6+JY*:]#N;TO5))(PMF\$570-GQ#8]&&%CR$ C6&V%*L5)8=6#'#VK6!@8Y". M1N9RW40O%\MTN.&V+ME22ZF[/JE]5UJ2NA$_^?!P-(
FPH7:\J.:B\Z@NCB) MD9QWTW?'.??=:T/AOPD];41_'L0OMA ZVDS9\MV&\SEDBR:_!9+OX!6\LT9;B,EQ83OM/N^3\;EMT'_#[76 MC@@Y![BN99+0%8KPWJ1MK\:[#^9UL2!

{/GRL#C=F?@=(%/0XD7H.0T'$UDR^_M0Z*V_3+(-NBSSGJN=G@!#@;W#E),$=^|)E8R8_M#N)!XI_!Q@VI'#NFY_8)&K=\%7>??R6TO56%[H'[")(\L73+MYDH1X5'7[*

MQAP&1&D_E9XQ<>7\|WJX'@&P\F@^9;F'F(? FM.(4_0'0KIL=330_^3^TI"-M,3'QFKMN>VO#3OG$8S|?V&W)Z#Z?UEMX\&,4B-2%JD&*G:_1XMMJEW B:|ZC*

MK\/I994|\YP)$^P/"^5)GV? #,$4#[Z=`_^A&2L$|X%O1S?N,Q-!V@-.^`]D0 M1O8#MYG@[9/^:P)-#-)M9#IVJFA<'2_*NZCWJ2T]=?*:DVBH#@O$7T(4SD.3 M":P+*9QDDRTL6+B*8^

YZ!:_H]$3_2(P)$<]\8/UZOS'2/*$9X'XTI/C54;_MWSEN3/[/BLTC'>HLW 4E^V@7\V'6\-FL7_@&'=%-CZ4>F:Q'S!!//!I*

MPU'.:QYD/CK9!7)]>X&\XCKZ,/_Z7\2_F7\B_E7\J_E/]I*4U(M5!_;@2E<-$$RHTWY6*_V=8DS5\8BOJC5YNZ0'LGU>9UFBPI".@*+,/.8-SBL3 M#=9)ME5?\:HX22C\-D*+!

(MAN3;7@$D!H5"__1[AI0H\X;GFUD5&IOHLIX!:[,;@3.5<"Q M=5S@P$7X/\)2S"D,&`^&VU\XL,P!;-^]?:_'L<8UQK^&S"3?;AYRPQ.=E7:MV9 MG%\E?1S8912I 7GA(>5Y]MSVI'-

'DJ>#)N>QX=S'V+[7Q..L:[HR^K5]J.T M0/<\FP_%;YRI\YW/WO0 MN\PI9OZG_F[JO@_7 Z6E!?_FE3]WS=4=Z+0YNYQH./T05K2Q92I!T^]>R9='WR=,*5G^S.F1*EM> M6[7I?

H=]7@S!$QCFY_P!],FCJM]14GZ7PLLO?6NIWOFJS/%WLQ3!+?)@=*1I M1!U Z8:00LA=LURQP**;M^6$PY,'"CXA+AHE'"'T[0Z_:@]\?I, M;N/UB_)%V;#WN/O8+J&

(,8U)P#KKE27^6=MEO.S*"4D!_-X,:B82W M+0+|\0WH>.70S*G<&89WL?+OJCXUF,_IE_D3|55R/,0"0%7O)R(!(C):C/1"=0HVY25FFF^W<_MQ)$,CAL%M7>MO,BQ["TH8E!%

DKZ"VJ7;F$&W.WN-(1UO3 R6P]5.K/ MO:K*L!L7M1SV+:F49Y2WBF74BGQX_%1]-("*2.)'-O%C6Z$KU./1/KB'BL4$ M,"05++>ORBR WX+]]N<#:@*)LWB

MD+@/$V]VF=A24H3FSA7;^2_H.E:54G/TG6?VVMVSS_N.%N2Z# _3&'TI4<B+&#N*PMQ\MA;H#$F4EZ_UM:6/BSCO-LDTBQ_U-&6=

MV@^+;,U>NOW']<+AC"<_%|8GRA<_?;Y]("(I8:8L=BBIS,8S)FE_T=;HU_^!M"/6X;+@/>OT*E9G,@Y0)3,$X^[,(O'|6^^^7L?\|/+|.$_4A_P(GN8_-^OEOL^%+7]3ZR*RA13'H8FXI**""'

[%/\CKVC;_87-IU6@4:[_K/ M<$Z< ZTB?378O* (JQB^UHC>>>M>2 4MC7_!X.](^1-F8\KB(KJF>SNT[;3VO

M\9/(QZ%9GK(VV^(RIBE^>3',T*W8+PPFYZ^Z"IL<3C"9+6RN:;YP M%G@PJ7KU//"QJT\CV!%_&:D5=#3/P_[!%%NO5-?Y&%OVS9QA?:W6QI%@2@]; MEF7W>0

]M963:R(20I$\$[9$6Q4?]S/!!TW:UZ"8"$"^YU6)QVD.!AZ &FN>X_@))=R9X;?I&K<1R"CET4ZUB]2V4:X9%_Q3[X'L>9)9FF%;! 5SRZ@%0@ S,#CV^. M#>4_7.A8E3BMTO-:6.

[WW0L(N=1VCSN*"X2#;YZ3G Q(U'78K9B&;V4_C%[% MYRO>=-V;CDA$F#8E[2\Q+](@0P%-*!L;/"_'@WAQ%WD0V]N.I%6Z"%M>A&N'

M9XJ!\L^#A/$@ZOW[1RW1^==4T+UZR$8B6(OIV9@440LSDZO@T1KVP(/*1@ MXU#;@.2W_F[]!-ERH>^WUB\;%,!;_*D3R7KU+49'8/=KH8>MU.2?A>NQX,: M*92?

E)=@R/W.@U3XM. >\&.Y@-KR@- 001]P)FVM#+!|8%15>ZA\6,;INR=A M4-HC0+9D47(>957U5'<]0//2=*,^B[^2?YX?/!]Y&OST07US$QV\2QSMOP@4 M,GPHDAOAZ&8S!7K*;?

VW&U\J=;_\A Q+0KRNE[Y6N+DI0]DF&EK2"S?;SY6L M -ZQW)%6/$AL--Q7HV<\THD(V_83<"S]H$S(!WSZ[C=<6.S[D!E.M?2E7KDD M=;# V'[3SR6['W#Z)2RPFTA3 =F < J#>1!?

4@*;!F"W"[FW#Z<7];&?O>-5 M.&J).ID08YIZ*+PRTDNM1S7'"7#F_&(+*0(#XBF%+!S.U.1^Y^OP$PXMFBNR= M8#LRD=; ,.S]&>9<1AE1_<7]IGIA^|<-

$S+UPMN=O/H.[0 MU]U"-QQ7H<#1.U3U9#,S=&,P80>WN0J&_]K6 !7V0TLZ(!0 ,1#@8J-T\(\% MD>#GG1I4G.X0[EZ>L:\GIVS&_FH6)!K%@UQ /,'23_8 ^XKQ3= T0WCE8G,P

MH&T_3#LQ=>6N>+'T7'-5LF965?;EBG-EG>U7;J7.)$LUF9QIL7YT?&(C!<44 M;4/')N+8ET]NKALX!S[!.V9(O7A\.GZ"*'ST77A,8[V,DX+V1H^+<[/9E#!:/A4K_'5*TK]8(

5<.C&@*B^O$"C/$RBC>B|>]+AH)3>^YJH\[IT M?%;B04#CV"@+'),1V^OX44N-.1)CF!G(7)S4808S/S~9E& + R(I#E<\=LO&9 M\0L(VV\%EWQ<+??EA]?'K24+UP78%E8H ^AQ?

GI$<8CF?R1_(0':^%= M_(O:1K"D#>5W!7,HI;+RH?<)@OE^:P+:21V[DH:ZQ:YN?Q.G:?5I+ZT9B<43 MZ2?MQO/;L/S0^L ^>#-I3(`RXF>8V>%3-;U(1(CLF9@_&YVAB33AR\(..7LD

MNF6%)36$(0+'80A^'!"'!E@YD5UTBV7!@XQ"Z!CNQL>OC?5OZ'H?]SA!V) M4&A;'\CPQJF#%Y\!)[[.]0YP4.&#CB]_)5 MW+N#&5%

[<6M,MV#SQ$/=9>S"K7/4@VW/%9R,HR9(Z0.K8\L\2 JQMJH\)VD M\]2#B@FV/U'[9]OZ61Q-J,_K7 M9.S/=41LU-=_6,J3 G.*4+;WL)0L#18(GP

MJ!]O<^+?)EAI*V5B*BP/D5/MM7VQ"+H9Z&07PKB%$0:2A7;.I1+;*:U1<$:MX7Z/_^AV?[>SS]-CURXAO#]?4O\R;(9.NI#-7G_G-[*2 ;@OUV\7^M0RJGB\OK[_S6

MZL8:W1L6[5&>L]'#OABG]P)G[(5Z[$MQ5\U]_$(*CT=.WH9FXIRI[P<+:,%_R \(OXZ2MZ,;S:HZ #W6N]&67NTYB\.(0<\[C

MAZ5B[OX7Q=,7!&UVO7MSL'>S@\1KPDO<7DXU_#ITE,454V(=G4.7K8'0N7J1 M?:SHZ71:Y(X6PYR0'YY/@VCO]M15/A](,3\@\:7S2_=;P?4"SCNX>P 64!]N

M@X\E,DOYFW<,=0>>Fr("#^(3R8.D&N8!A>SS93[6?:n^Y3PP@Z+ZB%(K^[5,+*CPA(W3E1\M97=* M.0<54;(<'BA?-/2HMEP[LJ*LD!U8.F^PS$5/,BX B4XC@?Q#WZ EM+'Q"C+

M#["/A=$7=&BY-N'L$&ZLRE6U/PV+FAH^*CO/GSRYD'XX]9$,HAH%HW,3ITPW MM3<1MO=]57".G"U/ZC_W]3S.4K)"ZJ45Y=1588OSLOO)HI-%"\;?Y%=`3 >"[

M=+BM6%D>Y(_YZ^%?>+,";"6;'(*@P$8 :IC4X=7+;H'-/"U[1R-=,]O-#9M?6 M5Q^LJ@1,?,J;T]UOFI(7^P]YG5CZ:5(+8LL8DHS[;Y&)Y!:<-^ M&/,G*

WLQLL;Y&1$+.0EB]V33*4;:Z*. U!T^\)P7]5B'^O=!+N MTA9X@P/LSI0Q0DKJUKA*20HY83'BDWD932TFYFILRDS^FLOH:"MC/5!>]3O M9(*F.\:*;30 .V-

59\XP&N;*!$M-/&G^%ISIW"T=,59EXY^P\N-J2I#^+$R*.M!R%CL?3CI/%^KK@XU864C)720>UF1R3;D"C8^'MY^!#Y9T&;Q<5:0C%Z"5[] MEMOBUD],/4F,D

B,Z=HPIT=.O4^E>TRIQQ.@X;`)K^'TX/6YG^#TKN)\Y*&O@&'L ,9F$9<\LUF6<<\?7]I M6 Z\,!5"MJ^]QE#FI8GKTJV:GJ_CKXU7_N$R(Y16 /:N[A54]-

K6"IGTE^@>\|>FA|\7<@&>2< WL-IYM M%2=Z!P-J!4DF%HSLTXSVAV8JI(L,3]NMU0R%MMN%QZN]\M7EKT9*F&6#Y^ M]O;QZ&D$1"N V_A_#?@G0UHJ(Y?

925=O)4K/Y;2W19Y,6G/]TP_7&AJW"T@] M:3-SY:S_]N@EN9T(XU\O'H=AT71OD5;H9@#&W,-Y68RT*VSV48]C!\KC2]ZU-MW%

<<^EKQ(Z($.H%8,;8._Q%\!ACFBJ[2@]NXVN!PH^'DEWE:?7H=>?WG^U=N M!?6^,MA^QBEXH8$'"=WR&/-R+_$<&IRS^C),#V"-L=;*WHD21 V8F0'&/HS-_M?

!Z.V3@3!0*#%P41W|SNIMJT74^S5.NVFVG;_N)#83SLK+K>5OVD,\4P93CI MQ?#K8.]P0$X_^H$'E'D.9K@?NF-E$M_^5G]M,"0KU-M;-

=U7L,@?,+HG^/YC_WYT8QNBXLQOA5LGJ62%.$.]T@6AB"4&XI4^_M760>Q!8:NU"|;.9Q$]#I?2?]7>0'#W*=0>1LGB?2M_,@];|__<^_"|>W_WW\ M]_'?QW\?

_WW\|_'_MH_=AD+J=S;?>(X-/|/"-AI?'?"=.+GG.PM7.&1;9"- MX:]81=!KS$>(U>U4S8$V:1T,EO>/&,E6N6MPAG/TNF%7C]=YJ \.I.?_+G10F MOKRA|\X"MW,UHQHP2*S@Y'',V'IZ3X?

K-N2V|#IEMW2|!F?90_^# MQJ_I\LQYW2$%@*M<K*JW*.L(=EV1SPR'4=@*A3J(C=)A$C.06PEI.J2+Z6, MUP;+_#D\E(WZ@.M"U#0>/?@2EW,I=9AKG_-.^YY$<7K*I?

W1JF.UMSHHI"#133 M7@AM>VGU"J'+?Vl;M$"#\]#.2%TP#W*B5H>]&4YUD75L.QBO-1M5S7R,8>J M6.%[4!<((#%_[__COZ%6V00/3G(.#[*R$P2F#1Y3F[+X)0R=-]JG*_>>/$$B&

MC11/A4RW#HQ>6=7H@E=J_=[S:JF&NYF2S2*;4[ULIYY300$4,Z/$-V_H \#S(G>/0(3X,$777[!K MHTXRQ^RTQO&90=CZ,*YP^.\ F48TB%M2X8HAG]D1+&?DQ3HN+HMOE9!X82=

MFDGSTY>P^9W5G ?S&20 H %W?P5 MHG'HD9N.6]&*=DJN=S&U%0!CP? LC#<&RV3?:L$VQC1\1_N[K7K7O:DYN=2<M;W:IE^C1,T9E%@Q,,1"T8XRM5(M^_5'0\N9++>|V?

5.5\N E-07_S;@]Y8@-MQNV,;>(*6BKUQ+!AN\;2M7/6B)6#G^NEX[:>D(ZO"W0!R,NO;_M&I7XW^UEXHAS_V2WY+P(:>5?5]K^(T7NGR"A8?Z&RS_!1_]=/_P_7MRT>!!) M$EV#?

W3B (R&W7#G$&=T1KBCM3"?B8U@5BT!<6^Q83HBP;MGU?D<\F&G@V.9 M*IK8#@[+F1Y%E&],7&G..W.XMG+|-|>W)]_?0M91X-?_W$EX63$K__VO(=T_.M.6VOA-]5B-

<$)#$.$I%,'CO%EA]GY%1]L/V0V%]F@V5Y(}>A.I;"">6V<0WK M5VW$19|&#)=[[-4360U*.F,&@^1\A]$F8$GKJ'@_2M, =Y4>PT:4;(P]\Y'E MS"AB"0]27S0M+

-(9&Z:@4PC]{(!!7)TC5ZYC<@80%"S(^6 MYO4U]X_+W;DPK'HCT ^IS/P65YNVO9,!3`;PX8H1 M>$;WX9HCBBL[?LW;BRZ.U5Uj0>,5:,8LZS_+X3K.RX!72/ZX3)FMU:GRJWNQ ME

CFD#ZV?:5X0)JHLD4N?(R*8PLU^%1S8YC%46%W>'*=;X[[.H2!LQ[/;R M_7(->ER@2_E0!&Y09VNX3S-A6]|>.@\2KZ=A:M V<4OR16I-JR+4ZSP$=Y^B

M*2)V4_[PR4QHT7#FSTQK=3'_#77A(B*.ME:] 965'V2KYK4KESX"\+_Z< MUKDW5<6VOV%FKE6E2^@F_H[^N5<4)1>N#&8LD0VDCU=<';AD MT^<6KVPD7$VM\/_06M0_]-R2_K_)O/L?U8,

(AQB=?W1&!%TW,!M@PW=V6@7 MUK9^(&>QA;=G;(.;"K/>.]YG=C-U5[@2(R7C2\GPSO6)PW-T79 W=S- MP:K'-%*5#XR#F78-+,K;] 4U@_4'G(GHI_@C)W6B

M8"J,>Q4NR.CJ^&Z3OQ_,&8G:V'#;?HBO U=@@IO,K M\"")6)L44']>R;U66/9@N,H.B3.Z>8W*=GA$&E&E6S&[X42177SHRAJ(XR^B. MF6LX^;

(,6N4AT/+S7G|_$VEW1&Q024WHRQ5L#W26RQ=&9^;P9Y4)"Y2Z,-;i\9,,":PJ"O3U!R,3NIC) OVT7F>!$L=SQY?%17R,W5L(UGLK)$7W M;B\|*2_[<$+Z):.3,_S#BI-ZA

<86N4Z,P7/HZ?Z9,?*;G-\^WN=]G$F=\;O MMWK*U8P?:PA_MHDJ!5!$D-8H+,P/EA|]7=Z$%M!_ML4]WJ TE7G%U:7<9R3=!*!E[*_+=?<&9*"Q4->!B?%6.-D8==(=*L"&)!$F MI%?

+*;_R/\E6Q"BMRC>@:%G4B154:X!GJ47$AX\#7WV^=LN/L_[FPDU?!3__MD/"M@01;Z<7^\EVVCGY,WY?G$I9/_!FH197G:ANK_4)(E=?\S64^XDU"W0< M[_2;-I<+|8'09>0VB.%

(>[*,LX63\1MG[@%X=5Z<7&7T^*Y&QS%58 ML.7W4.RU]^ .14#"I 4;Q^1CAV394'=\3+,,8#YK|P6AHO6O)4.>Z%RC&M6 M1&0L J47P&.\>,/BIR/7%UG[B7NPP:Q>QQD3D'(,

@@%;UJ1%ZGOF!D-@M^_MI^LQWB(`>!%_D NB$9$,K\_.R?9*UW+39Z1B9D/R0:=35/5.*T4SU+(? M0S$-##H\Y0+OJERCB1\@!J L\&E_AG.`M@N %$JDD4,MG4:?

NO1%?;4'@AMH3 M.5.&^BAM^V_RZ9L&WV[GJ ["'>T+ R$$(66< 4,3&L+U=T2GX2LFNGRIJ6P;W7+4[N WZ3!AUF M9*!<329I3*X&2B63.YAV#7%DK!D2XMYAN1,$

0>@>&PTU02-?+[J5NA*6+B> M>_IEXH'KTR(#B06'JZ**D_"/+!#]L,%M+ M5I\2N85[I,@W54H?NYJS69IS32(207CYW0'X/-],9-^&MXK?\-0D1B6*.%EJ M.+>SHD8QI$I1NA*\|

-!T*509:X?P LE6G@# CIS35%B#R^O$"G-VFZ8-!,2+M<R>M@8\G,1/,,#]/(_P-.5M&X.L T^$[$= "_2 X86"'&C=<[F.X*L%+(-937*A4 MU55W0],KACED'QR?T'L:FRL,94K38VON1W\8&/A-

MXZSA'5I_G_-AL5FLN7(P/WU?@9L@\UYUQT15|U>&WP__B$R7LK$.2!14P/ M&;45^3DH6Q_H?.=(ZRN;E%M#5U%"C<'6XW&K#Y)M;>#V7X9%_'IN5>KP1 G(MW$J)B7UU&

(M=_/O20CP4[_SY#(9Y7(V1/19B\0G@(/%R%$(W*/+(Q_\T>1[! M CFS9^SF')BQ=Q+U;TU^E9/IP-0@# ND?9$%(F3I_;5M;GKMQ'I)_9?4/Y6R M=

{(3=`9!|KN"LHL%]WZO63M!^7"VNW)<&,WRWWWSA20S6T_/S! M+$-:O3\W977Q93#M*MLY88102UI\S_M'OF|H\,FT^&.!#T ,2;> DP?EA ML'&HIVO#^Q,'>8.!^^_%^^U1C-

_ET/@8'Y&>;FLFAP"OA1(S[V&2RX"WW*/9 M^WI&NSI=9YN'CWQ*PY;?B^_Q;1U:MQ7=T&8+P(8V[VF.=.XTTNG;AOZ^]>BN&7HY9B=">?>%

MA'#J*N.IMJ;.*\"$>@\X/I9C/%RHI6KZ^VDMX9C|ASEIM&B.!3MH@!+?X#GH MW#_=X"26UAJMD+62"OX'LW%5^L%J]&/?(&OC7_? T0%@KB5?%Z30H/SE7]*'-MSE25U|S+OKY2!.

(?WF8>_ES5>B=%]8@6&#$9O/;AU'HC=<;/_7 H8Z@RI4;? M_RWO/6[.&3)<$%2"VPT HA&X/CH?S;#RFHU9L4/Z+-^GKR#LR^U^#'X[[:(MSAW&"0V&[^CQG

J"C[!GPZ>"SE'6GW3>/N+!P3&I=YQ62))4GGQK5YUF!C_MW^/O#IB%$U0+MXVAB1OB/WA7G>JWZU9_BHJT3:B8N.NFJMA-&S2'X@AI*VP? M_P"RL@IE(AQ8(/R-

1G^FT%6B'ET1"MBAOCT3VL23{!OC*W";4R5)R,H8I[@ M5AUNQ#I']+_=)K^P5PH[^C G>]5.&S-64([N]5@9GF!XO7;NEI2>MN\/9%9% MZ*.]]UB@74HTD\'US(Q,B Y\>^'R-

/QZ13WN]0.;\++=W WP7+9X<*ANTO?0Z M>]BX,_VUH\0P3"^^:L2VPB'(/@)/8V^QXI%>TE17-\TD>GX#!MWN>/8')ZT(MW!32_('MOO;8H0S7C$$I\PM1SD8J0@-MSX0&U=?

D.T!U(C@.-3SBU=Q#[ZZ_J/4-,]2TMCPTM>3EK2?) M+*V9$V"H-,TOG? M+!%;#,%]U$5H,+NKWC';% .NTB")2A$?0M[F3S=W!*ZCB)^7":4OEI/E%R(U

M#0KTBH&@7R;XJM>/9(NE$N]|#U?Z<;]-D5' @W$0W<689UA W2^N#E1JZ>N M"0^S'RXF]>4!?P\X025XH8 MMM#$^4<*1\6T3=1SHHP19-

D2HK1381NHP0)}3Z(&;]D[Y6S77VGK7C^&X.%?5_]2E5-'-MS4M7CFF[ZYXG33^2KRTL+BV;*!U$!$]APN&(;'8HPAY%]++! G5D5VPN"> M0K5(<#IL]77-XZ2U(ZBB,2W\2AK-

BSFBG(^:!H.XG71CZ,?;-ZU^]F(_Q5 MCTMN14PGUSNK4 -J'!?F>YQ<{7WGA<'J"[*J.BVY@E!I_!O^2HA.P/ZF]A>>>HYQ7@/^*3?SRW,Q -I_V*]>]E.X=2D7$E.%CCPRKTF(-)DH46+Z

M#0@YAFP"G^@B!2=!H$@XBD*6^)$&RC[>]]Y4!Y >V]CEQ3;6][JZNKS&*IL M"RE*DONDZ6F+FV(@CL>R)]O{8]V7>S^B^4PCZEF@8_0/I:=8/(YT96;7G.V. M;:-

QQ$"O2&+8O,E9Q1*GE:>P^YG@5HN:=K-:9DB;&B&"'A#4WWJ(7#6]8FW1'A++0_B(`G.I*;6]%FAB2#&;P,?E.1_=&_M9W5P "SFK;_W"6=3.DALOSE3G_;1$"?G@?

FR4/?.:!P5^^(KZ)NS("#.T?-@; M?]ELO*<=.C&]#@-M+! R$0^/IM%-Q.36O_P-I;/.;YZC^:=D3\' G\)#8CO0 MCHYC@@=#S D9#I_665^?>-W+9NPMO&2.B-[!+]=>GZR&,&X5J+/!C8F_?

FYAB0# MQ;=G \\8*Y@'Z5W_BQ/ T*T9[YE\"$D#.>RD",-4KS?O6W8EVY7F)PQ=VE[X M>FHCP7$NN@L[J6:6VLH"':HZLI6A&-2!?BZB3'#,8$^OZZKY_++2Z!1=DI&@

MR4<<1]M0MHJQRZ$SCLDF$X[>#S4_1Q*>,0;A^[1EOM0F>]&/#3)F!GA,58Q0 M3Z_VTTLRER(\{[59F"ZGOQ[Y>#3P}@FIU!7A-UK\UU[NK9_XB=5%@>[M1'"^5F.H6Q;Z7*?

P$"@"9C1>\IC'F.]B[1]7PYHJEFZ-D%1QPKHIWR;UZ\.V= MWJ5A3%7A|L(T.RIK7P-IN$OPGW^!TOQD"\U_8W(&/(6C0\P$G19F M@=@VAFP"G^@B!2=!H$@XBD*6^)$&RC[>]]Y4!Y >V]CEQ3;6][JZNKS&*IL M"RE*DONDZ6F+FV(@CL>R)]O{8]V7>S^B^4PCZEF@8_0/I:=8/(YT96;7G.V. M;:-

QQ$"O2&+8O,E9Q1*GE:>P^YG@5HN:=K-:9DB;&B&"'A#4WWJ(7#6]8FW1'A++0_B(`G.I*;6]%FAB2#&;P,?E.1_=&_M9W5P "SFK;_W"6=3.DALOSE3G_;1$"?G@?

FR4/?.:!P5^^(KZ)NS("#.T?-@; M?]ELO*<=.C&]#@-M+! R$0^/IM%-Q.36O_P-I;/.;YZC^:=D3\' G\)#8CO0 MCHYC@@=#S D9#I_665^?>-W+9NPMO&2.B-[!+]=>GZR&,&X5J+/!C8F_?

*2?]_M7]7%NTD7*3XOER^E:IHWLM^5)MZ"Q_*;=G$\63/2'! M&@-2O4^R+NS^]F?I?&JSFN@ST:H:C?:W9&=,AF0V4+[;8J&H#A9H"D*-"[_M3X84=-V9=KOT4.R(1BS0*<(!D3"L>_;

M3XWV$'+1N-=UF;!#!/.NLTTZ)$XZ'X3H_)A>:CA[L&,\3G'X0.G,_2I+;N1Q MF\653WNP851QH_(K]W>.;$;GC\/JL=:B!$:VXWWL"H\BL\-4-S3=Z2O5!;5#Q M]4V.!]>A4KB

T)D&&H(YA(>H&" NT.009S-'CTQ.QMG$U.*;,.-]/6^Z3J +]EQI MY:!;/>*Z8T%/K=3045 M?%1-BM]KAV\9? Q>NRI@!?KPPO1H<2N"#=8 =$Q1#&C1A.;&MVWKK+.^$$4

MTU7>&>2/KK(A=WW+1H?1E&+WWN$2KB3)1E<6O/"'+WA@@)#18PRJVRC?2, ?(M7]RAKK#C.5JJ1+5;C'41N[WO)IY2IG)Q4-302[,";9%4P22.,$HWT<2=Y[A

M)TN1%E)CUTRJPZ!MBH ,Y!-<<#<(>75X6Y',3I5#]QWN5L/YU> $ 7CS.0>; MY_Y%^SRS&U+9U8%70@DB+@UW?$^3,AW^.OG=BTD)J5F'KGN)CRZS0-[D%,J\

MY\=4,Y3W5W4QKLF00L&;G1-L4>E9Q/LSD^]Q/V6!9+1FZ$?Q[?@3S0=H? 9 M,\?(D/B Z0<$CH#ZP.5;@EIO7:^;E+>4Q@+KG7"RH1VLK1Y-E\!4+G3&32MM

MG#5JU,BY[!4].4)XBM]98;A#F (X^DDT]=&N9CCI L{]V5L.=2A(034GG]MV5F&$[V0!;]K5#)@^_,B\RD:(&80>C-"@B'WC.',7|&D7%+08)BT-V.L:-E5 MQVXW:'_/;K8%?

A<,,0749I7%4MOQ1]V0IVJQ@'\'%:$X?MR7>\X(+4I#56^#' M2'G$)2#/F;H>G:DYM/VC>NB^[H&PL,N `8TY%OQ8,MX<" MO(THOB6ELO.?E:N:\V+B">Z3<("

[*L^1G1TKVZ[U]3^V,+I.%G)|(`Z)I*'`M K$;D#@43G%ECORLOVJDT2N].4O\^O!ED$+NYY6^PPG@RBO:H\1Z[.H$[2[S M:ICS9A'&& ^T3O8Y'/!,*Y?

&3\`BO564'3BPPWOM.%/]2^L(U>[0G%4=%]1. MC2!>&C,-E;[F#KSLOT^(]NM;IL,MVZZ,&2[Z5V=$K.EDDZGF\RN6 @!0!=Z-.9LLA3<+.MD&YERVK-T M'PM4EM@PQ=S_'+

{,XR&A 2EPITF<1D5(S47& C8P,D[N?N-!W,5%(56(-<4 MLV5+(\#D5.HM@(-\[Z8_<2!Z+ $E?GBTFH?ZMI0P7,>!1BP M0,0<5#6^E[2],7((""%O(I40-9TN'050J?:7/E?5]6'ABAVO%*

*Y*I;1GB3F/-MRB&MM'9!(Q6E_/D^$8XU|B,/W#HEQ<8AG*Z3-M6C6'%E?D+95^!/L=LJ65GZ]9S&Y6*K6N7M9(EQ@IU>"UNE<342USM]#\[M)-*

*M7=F'R:^V]*6S8_N^_I7;YC_>LD94N(^=[[$SO-L4-3ES4O[RYF<>G@A#<5#>-M!5T>OZ2*:Y/ZZ94(V!R$&Q#1CPCNJ/_9%%D4F$*BU.Y)+W=]V^_>B91&3E#[*

M5D^0<2T98MNENK"-N:.;0>QVUE!=?$4.8SV%>_)$DDXG@64RGF)VF)^UZ2/[R-M-52:W(''U6;5?LVKC5_XAL_+>Y.I&WTWFZ_=$6JO?+(B71\!8;')RD(E\2-M3

M!EX6J&]7N&4.0XHP.Y7=-+!VR%B]-NJ!<1*1R2&Y^H>'44ME4Q\9X%N?H; MY[$?)B%*BF<>]P-P$P9;T-P(??2$]MHW/@X.@RA@_(X\1TI?S^0XO$I5?%$<*

*MRA[5<;NX%3VYG<(P_WXFM;[''XI+90D1SSV[@;G) A*_^F?I6)WE^J?59&O@*M-US-B[.GJ1RQU3?Y=\C/+[3HRG2{O)H0?V4@>SH[5B;JMP?PQY]HOA"B0TI^_M.A.2 L1(*

M7(U2]P+D7]+A(]S%]$"/9AT1P7KLMG1,.XPHPQ1=D^_W6@^/OD-MA0092I25Z>S9'.ND6Y83!4@KR2&];GRKW#%Z-GX*&%Q!9FD)O7\T1W+Z="U*

M9C+;V$MHS/'G;@7^OUE*45:V@WF%[-W&.+/- HF&Y+<95!CC-"*YG/WIK<_ MI!TWLM.(E/EO+V^9?IS]8!:PONGSYU703[VVZ%;P7SC9[''R!'-;5D%_&<".70-MV;C9J,.:=:3X[Y$SP-

*_PW8+E;"#+-!A-/VD'O73+MVTL)NXSD9BN-3 Y_\= MB9DHRT3A=>HYE!] S7O;ST*VG]8F3FV_@BK!UQG0Y >@)\(D36CK(S;RX_P*

*M'8@;^#XI&_;BSL_FQ#YP7(4WMHLU)*K]BS0ON2A70G$<C&>K]%]&FISE*05X7],$''_9@!]?.0M=70T MQ-DEB9A)EQZ-5TLU/W6O-H/*<*0N.C^<-)^CM-07U-*

*SWP4509DJRKAS]%GDO-M4"Y7+F9K7W\$W#:U'?68P*FM\$W:C9UL-9TL?*\!+PE,ASS M"WI\OO[11,!=S-1[QKNF4*0PU#($OHSC==+XL1O_#D9O*&O*C5!OEL,^H=B& M221P-*

LNW5M-U+BY<3>VBD=/X% \5+NY9OTNS KN!1=[V\UM#XM&KOY] 3 M@?**'EFP0EN-S]Q>+CS^QY7^IG5M79D(387(YTY3\\PE&OT<&\+-U3RO T3@ MGCW00;*

[]/;P;75E=;J_%)46;RSHK%WE,D@Y]YP>ZAQ6]>=%/MH16FH\0> M'BL[BO$RA9\%,)E5#S\&=O6K;>; MV@2AA^GDO',^F&WS$4M;3_Z-5L1BK+I? ML"W.HW[@16"<&#?*

*<5P8#Q8!SW25^TY:/3X,Y&SED"_60#D,-M7_-M_;C>96/U6=CEM8MZ];*QVWZ-26I?BOSNN]S*V;!6A%7L5H6JEX4G_7C=E*_1-MZ(I5*]Y*7/^1MG73#_+5$-(EI.U/48;>WAJI+\'T]#*

<2:GM_53%@,K_*MA/@SP:SAQDE TED7&L%8'ZMEN1=>F8H%;\+/1,4 M?N>),VMM\=-A^U9;BK(7YX0/A>TWARJ+/%X]W'T3',QPCQ'"1VNV:6K\-]8 M3EV7"5,C=^Q-0Z28N

7U@8:7]VVNX'?#83L!##,@OTF_H]Y#M5BYNF]#09N MLD#.F.B=^FEZ\?DNGG,TP94N;? PS\CK,#5_H9D;BJ34?S-ENY(R&]Y[+UAC(>W:]E6:!MO'1240"/RM @$^=DI=?

PDIAS1'$W%+:3K&7!^(8W?,\"F5=ZS,T,E]!$&2! M%#X@US Y[C.OMBNU(WYCP@.3C,QFL5 84[]\EF+__LUY.]O9[VJTBU(]>I6I MV+"AJ@S9&\.S0P%&2C-?Q@Y.';LND17U1=^T

*.W;*CXJ\V"?\+\TI,SE4 M2)^)&_1H-H#0)?[CTS4TG'''2T^96O.-A#;LU,"4)C2[\'UZRQPOJOL+QH0P\ MV[7*3XXBB7]IE|BA/$;>TM,M8L *X=ZK0BQ0^+N 0XWVGO{4EXR2!7#F*

*MXO![1.P;LSRH]\$![=[ME3^3CH%)%HBTWD90TR-1H?D>?`MHB9L,]MC-S.@I.A5'Mf=F8XR^JW1'X.7S{80<2&O"H0]HT-^QAI7,Z.?AL&*_MZ&<9*=HB=+F-*

:O525/?VPQ;FU^9X'1&P+L@9[49<4YA3 \GA:36T3A|[*V M*=$Z/X):DQBKB!@*:OY0&F_)QOR0!S-8@B)]B,D.WZC M0:-*-]B]\[@MI !&[^:O0(\[-^A@V,%7*

*MC^JBJ[1K&E::=QZ&\SO_8L]1NR+OTTQB5&B&$N=DJ6FCAA'I?C#Y9PE3\&IX M!Q38K(XX_L5DUH)VFF/<_Y$Y8!D=S0(IO**@_*U"G@IY,KOAY]YRI5(\)A0B MB3_MOH :?*

*%Z6I#DOV2DGC=T.MBNYL&\R8V:L5W9:B%E:5DU.T>PD"\!TC *O^*(%WA4>"Y%ZIGDQH-= >[7= MY\!!U*^2[Q#@*$F6"OA,%($4'-?M.>K-H#E]77/]V+N#+R"'H49Z.WA.M4[*

*MZ]<5K)WHL3\4#\-PG\SZ[C]"\&{&&(?3!^U8X$V+++(HS@F:8M@0OG;^D.#V MH-FK;SYY9/74O_RS)QRJ?'C5RH*U]X8V7P">'N_!BE9?E[_"4WK^[&;>Y6+*

*MX>@'AZG8>*A'J3V!:LYXWPRB"U964G0IYH+;K1]\EN5W,&#%*RAB.I\#OY'Y,ID2C#\%CS^QY7>IG5M79D(387(YTY3\\PE&OT<&\+- TM,M8L *X=ZK0BQ0^+N 0XWVGO{4EXR2!7#F*

*MXO![1.P;LSRH]\$![=[ME3^3CH%)%HBTWD90TR-1H?D>?`MHB9L,]MC-S.@I.A5'Mf=F8XR^JW1'X.7S{80<2&O"H0]HT-^QAI7,Z.?AL&*_MZ&<9*=HB=+F-*

:O525/?VPQ;FU^9X'1&P+L@9[49<4YA3 \GA:36T3A|[*V M*=$Z/X):DQBKB!@*:OY0&F_)QOR0!S-8@B)]B,D.WZC M0:-*-]B]\[@MI !&[^:O0(\[-^A@V,%7*

*MC^JBJ[1K&E::=QZ&\SO_8L]1NR+OTTQB5&B&$N=DJ6FCAA'I?C#Y9PE3\&IX M!Q38K(XX_L5DUH)VFF/<_Y$Y8!D=S0(IO**@_*U"G@IY,KOAY]YRI5(\)A0B MB3_MOH :?*

*%Z6I#DOV2DGC=T.MBNYL&\R8V:L5W9:B%E:5DU.T>PD"\!TC *O^*(%WA4>"Y%ZIGDQH-= >[7= MY\!!U*^2[Q#@*$F6"OA,%($4'-?M.>K-H#E]77/]V+N#+R"'H49Z.WA.M4[*

*MZ]<5K)WHL3\4#\-PG\SZ[C]"\&{&&(?3!^U8X$V+++(HS@F:8M@0OG;^D.#V MH-FK;SYY9/74O_RS)QRJ?'C5RH*U]X8V7P">'N_!BE9?E[_"4WK^[&;>Y6+*

*MX>@'AZG8>*A'J3V!:LYXWPRB"U964G0IYH+;K1]\EN5W,&#%*RAB.I\#OY'Y,ID2C#\%CS^QY7>IG5M79D(387(YTY3\\PE&OT<&\+-U3RO T3@ MGCW00;*

[]/;P;75E=;J_%)46;RSHK%WE,D@Y]YP>ZAQ6]>=%/MH16FH\0> M'BL[BO$RA9\%,)E5#S\&=O6K;>; MV@2AA^GDO',^F&WS$4M;3_Z-5L1BK+I?.ML"W.HW[@16"<&#?*

*<5P8#Q8!SW25^TY:/3X,Y&SED"_60#D,-M7_-M_;C>96/U6=CEM8MZ];*QVWZ-26I?BOSNN]S*V;!6A%7L5H6JEX4G_7C=E*_1-MZ(I5*]Y*7/^1MG73#_+5$-(EI.U/48;>WAJI+\'T]#*

<2:GM_53%@,K_*MA/@SP:SAQDE TED7&L%8'ZMEN1=>F8H%;\+/1,4 M?N>),VMM\=-A^U9;BK(7YX0/A>TWARJ+/%X]W'T3',QPCQ'"1VNV:6K\-]8 M3EV7"5,C=^Q-0Z28N

7U@8:7]VVNX'?#83L!##,@OTF_H]Y#M5BYNF]#09N MLD#.F.B=^FEZ\?DNGG,TP94N;? PS\CK,#5_H9D;BJ34?S-ENY(R&]Y[+UAC(>W:]E6:!MO'1240"/RM @$^=DI=?

PDIAS1'$W%+:3K&7!^(8W?,\"F5=ZS,T,E]!$&2! M%#X@US Y[C.OMBNU(WYCP@.3C,QFL5 84[]\EF+__LUY.]O9[VJTBU(]>I6I MV+"AJ@S9&\.S0P%&2C-?Q@Y.';LND17U1=^T

*.W;*CXJ\V"?\+\TI,SE4 M2)^)&_1H-H#0)?[CTS4TG'''2T^96O.-A#;LU,"4)C2[\'UZRQPOJOL+QH0P\ MV[7*3XXBB7]IE|BA/$;>

+E.M^@UW8W;A<>KF>%GHHM4X M[G6SGNUBK+O8DJL^08[O({5+|LO5]QA#:6Y@;@XZ8'VOLCG \|=>C2MZ^0L6HS?9@3"/-MULI8Q\=A].DU&+\WU9!0#6ZT9:Z9(NQRWM& K8+-\'&JZIX-JM3N<$>/>!>O M%C$;/.IO3E&59;$L;<(]DYV98N;? %O4[L74(6TN:,_"#X71REO T.@3Y@U+BQT M,H,#! 1Q ,U.>).]/O,N?DN(NFIOMPJ[X?@5\/#!K]1\ [O+=V1E3"VXL4<_Q MQ9O6AS#9^'N0\RU7]DHX)4XT&S6S0KNX_1YTZ,X2&A36VQ F])/>7=6 MU+;HHL?$WQ0QKS+?5#8P/5CB(7-W2_=%OL5'7X7Q/P]^I>375FZ DRHL%MU8 MAF??<;lB51%#0'1."($3 M!\_UNK(>QY(0?](KX1I P68-L_S>28KQZ!:N-XTH6E)#UP6(9WB1HKHT\9$ MH0|OK@>P26/HBL9I%OS#W_5+DV=07%[<&@W2_J.W-QV>+2]VX7IY\NW9"J"%SG8O+M68964L M=4ZAK_VT@8BL*/1QA-?>9ME^XP!$E)|YH]2&JIV(,&7>0UNZ=3HQO-^G\(_MZ7NR"-L5)@_*@^A?Q/CP,$/".">.GD9S56V? ^&4'$RX>=S@\2*3 PRLM\3N3XZ3<88+V3_8?5*B4@0$B[ER@/>?T+1&=)YPIR#K01?W;D3FZ"5[>#6L M-"*\" 7M48?HNY_[G@)VEWUKC. ^^W'^H0G,;3O!!P,6Y#*2K4 Z3V8P7#, M77!-CK]FL,:\AG-9%#B9;L8&3!&Y$:\Z8D!B(0<8+L!_8A! M/.X%1H5)E;Y=IMH@7;7]^9\PR:=#Q?$QD M9%R/<7@?D9L#-":.# W4D5O@,>/L&&,6>9S4B M0Q{(H@7NRM V6'"Q?7VBS#B>%<(")+'#D%8GUZ$^7!(KOZ7A*H=D9P)*

*)8585#32?6U@)=:.Q1-37 MK.68(0?84>2+R+$>BZV.PGH-VHY2?T"4Q745"|SV^8N!B,4 MJ;D-*29.>>U@%B+7:Y ^M70\F P%L! 8>09D] MRD0*@A/\,G* VF3$JLLU<\HPWG1=M\G\2T@3<_5]1+1X*_DW&[,.8!<,D+! MBRT@<@@<@8'!W'01[]1&0L-<<1=NR$E(`8,9 /,L9+QG,@S93">E#Z/"$5 MWA?#!3.)(CYE"ERXR0Z/ 1L1"!=XLU@%T@P;MA^W@]X\TDZ8#$;!@8@ATN;G M^+_4(?7 MH7"W74RC]" ?|7"Q\L(01#-+Y3]#A)YWP9@Q\]3^,%Q7D M_@^-R<^6Y1F3+B++S@"2J_V)!VE:, MZB[$@ ;CP;L-KS&\9AYD1QMGC/)Q2A1ZJZOU4MF_VE/[-1 UE3WPUVV>1U3 MA2)79&1DOZ5?6Z9FM:>Z$=O(MAE9&;7)RCRRZ<#"C875/8K,99N91+DN-E M7%QS"5,=O1%U@'LSD" [\AJNE$FU?K#*:O^NM^T5SB<@[>;C+>U3:\U6HSD M>JP@4L5%;)3G6HOAF*EST2)&,2K&+IVA)62(+90\_%,;U/QGK_1_6-7YL\$! M.H1BD7 SB$[;P?, <0/_!56[]TE]/*ZS?KL-]FW4,&J75XOQF M#=M/4_UJF;Y&!\:,IRT6UIRVL3DQ)IKA,1!P7>_MJFE"=.=W"LT" QY0JZ(@ M[`4F7&16;P#;'4"0NZ|\+&V)LJWQY!L;ZNVW\.7VEX'+!V*OX?6BTOC7SL, MCXP+,8 0F|K4"JTO/*P?#XS!WX)/8K;.[&]WSGFG-3^3 ML^=>;NKU>9G@Z[681*>TC M??.+I&>JJ:/-Q3?!(M7YS3Y)YUMLB%VBY\4&NKV:>..K9):@UB"'M!0[>#Z[0C4\M,HAK\:A1;7@S_4E$ _-V7W MHL5&,73_A,?YLG:80T)7K>E8RC3>*DQ6)TM<@JE%;)14@OR50U3! MK7B55$J59RZK6FJJFU3RU./15&XP|!K#TI_;83AS0SL36'VCL-|]B M(\AH@ 2*5/4$51)1D|&"CC;B3D&77$9>6TV)Q.6]U"ZW.??K|FO^>9!;Y50S MD5Y!C#"*C$RT%.8N/*+;R?PAUY'!XS/39_M2!L:(W;T{OX8JLB-L!1"%L\"@:-M929D\)*&V" J&!9O>=_!4DB,#JOZG'QZ+D9:3_)^YBKCI=53M'S4!L!6B((B-M[,*K(@.>#99WHW=KB# M/"U0NSV/#FH'+HOYB%4|+CH6;6,3>V]FIRP12EMA!IM^:A]8"\?OE@>2?(Q3)A[H? 24;LA#))U*?6%4I7%N>SN-MK4N%\^XG9

*Y- SP9*J_H/D2@_!_,5O~8NWFHXIE,A>RGXOO4GY +9*">&W\-;%%&2;-MOVH G9QF(/.'WQ/6'@=W=)"D; M.*H-^L/=;N8?T2TN'1[X>@/8[X9*VB=U<.M65(O4<)K,30*S+.'N0- 4P;VNN/JJ&$6.# .I875LWJ M?KCZJ/Z08^3FUX?K!%|>.3'V!",!#OQ&0W*HF5E$I^Y"!YA7UN\8RD?YIK'< MAK&[H<.62HU5HCEA]BWI"LS9Y-;Y_Z2K){&NT M'H]? V987BOAYM_GNX.EV0S0^")N!KIX/Q=)PN-D7Y+OQPL?1S*&2Y*!RTW-,.M%E6#F@:\HQ:V.()'QG04V*R+D[W//#D(UV!H.KANP2$*2Q1Q<(R?=%)%JL)\ ML)JH_7,-PX]0C!V;=] (+V,%++?VR?0'/.WY=G?8O:KSUX)PP&X&$_N8G$_*3F_$'1PF,U44";?AFO4Y MLALUB&&)3M+E&"IT4K6>.CKXJD.|-*TTNK/ZKY9].EG MM7__3$_<$\,^XW1$\R%|=52/SE[+"*&O7;5P]35)9/-QA<=8@)IW;5/@CE M-QN3#"H(GF;M>).;3V+;.$#V7;91?WVT1EYO=!W5U(LA^D2=VSCWOQ12-%(.MXFO^D[,-CA"9 ;'3BW7N]X"^I:C)QZ*4;8IU;T8,F Y2\'%8TSN?O"5)=C)M M3_&I"_Y1I3Q+UFZ,2]#RYXUK)OW/D^69"6*|+QK;+]5PCV-S(*WJU95MVF+&.MA^H.#!>6D-1RC&- D"E>==U\YL&C=/UFBICW2+V?W1M,N!)-HU[>E@_),JME5 M%T-*T<^1MU$D-<6BHB6-S)SY7K=A,31D0''05Z_L6$#WG^N7TKMOUEJ?881J MSIRWZ-_%]M7IH_ M[| 4^/WI(.E-VH!7C6;&2?2+LL;#Y T.1T/0$.BAR%CKVO?!;WD$<1/4GW,'(`MV6,3]H2(4IE!4N9;.AH@:5U,P1I&,_M,L.))FSSU9H46>0[^M5HIJ2F7F_M, M+,.UO(Q89W#I,WYF3# [^BCA2Q>42Z\|]RZ$9ZZN|PE/P'CIN9G&@\"L!]1LC MJL"O,NJ0NIV7F HE#\|T$"9\?YOITI9$MXD&G_T^>(18/CGB9[/F=!;Q3MK>@+]K$0YIQ6T7?1H_.X! MH^M[3HP59AOJM$6I<32/#P5L0K.X; A]+IOL/VKY+'.(/AZA[X3L%]9AN MX\$MB<"WUF4?7<^XN1]\K'M)|&U&:C.AM,+ S8R,T]$Y#*QFW5P+Q_@H&V851\$Z6[0MN4 O$Z# (%M(9$F&MR#>^06:EEIU 6A&0B-.(##T9,WB7A?##A.U62KSE9@U M?B<(}(CB`L2F7I5Y+4-"(7UQZYRMWN:P7X'P8&M\V9#F,K;]S^&^X3\FXD8 M(07%P+N4*^?

7))=P+%&D$ZK-2&HS'C1:9O>0Q%W^LH9M'"#G(8E6"Z(H$[8=M%P;EN5"G,7LQ$Q@$82T!6D)*N4^F;T)0>S :=[_4)9QY!#WDY$]O)J>\[:I M?;I2ZZK|#B'F$BQ- #O"!B+(@P2B9(_^8$UVIRR:T09-MKT\>>><@"95Z"CYTO.MF#52 S=8ADJF97. UTC'#'!_!"N\!L U\242;S>"ZJO7(^F.KS,CMQ:09HN, MKO ?*NF&!%5Q? U2AO<3(5L2PF2:FE,)WG'=`3R1#C$N1XL=!)\Z:'=._$ M01#B9@FV1-9]\KE<=CM<,|GRP=DG+]3J;0WGN?AP#0U#L"5R %%V7981H| MM7\,I5U#NZZG<*#0:F"DMS_D(\BE%&D>#R:7I64Y^MK*KL&.H(T&P35>$LP+ MCCT&6;(V.Y"$]?I(CR&4I<9W4+6UTG?HW\I&0;8@PDJ;>I%V4@60|=_'?L%" MAVE8)H-__D3W2B)PM"F=|*.0H@W7BXY9+]J+5$L*?DRLPHC\-N_M5V/H/YV5 M"-U*59@=]//1<_/OVG'.K;*]<<=$/D$\$W=,;$E!J5UlY5X\60IS/F.Y.X% M%W=BI9A7VKTKJOFF1OC.B7G;JOO,S 5B-VWWO>."W#S71 HB\DFD1K<=2('N M<16R'DQ>G.G1J?@'M9"[G1!^-D3VT^LA9U6F;2@S!(_B2QH* ^$%$7;/G4J M"@@=9I?QDJX[56J<3K3V#+);KJ7J*@X6G?N"?],F?U:9^85EUE1,G&!U1T#,O-6T6JQ_1 M,DNS*30=E1C;>?2GBC"SEA2!AK:,3>&\:W43X+>,R<:+HV,Q2+KOBQ)#C!-- M D1+9>CO9EL%8RPO[3I$2L4UN/?(S8S2@BY4*@>83IU%_*VR_?KVD0URN$EK-MJK]4@RCO5LUP##H!1HT"[VJ=OG$#Y+_2>.B%O[1XQ#N)7WU0_'SJT*.S275C5 M7%_7|BK\Y F>;4I<>*B_LZ5!Y45>7OUNA 6?28TB_K6@-K_"]1%L;)B'-^?Z MF)RZ-E%^[JV17H*I-O' KP=CD45_SIR?72*NKI8@NIB7"._PD8(.)"FF/+C MG__ORW^_4P=]">'C<506K^-XL? $0VK^4YW>I/!3]_'YRGL?LR.(IO+HH>LR MJFYE=)?#,$=6H\ !S"5|<=*72>7?KRZQDV9\P-HO.6E2/51B?%X+,J5PY/LV>CTZ#9$]H,H,O M!B*6L_%(E('JEX0% (*R&HLBZ\K*9E#_KTG*O=Z'ZT3WCMQT(-1@ K$4(7"3B\ M?#KJX*^<|=WB5KU+#@]6N4V+5D+6B4KVW8@/+=-,^XH19.E!/@.Y.$BWV/YS M5|9RL'?N3G2"O2MK,W!%@8F!.[[MN#MA]T^]?Z L[8M',W. =+OVQDTA5LK M!X(WB)LM;N%H;#-NFI'_;BEA\T@]2[X%N%8(>+XL^<^]SDLYA<&]U=RW[% MI6/.'?1V,$"+?%*=(!8G>8"=7\[_-RZAJ=.P0QK[L- =BU7"\]+4$:UY@?3 MFN4"^4I9XN4@G0 YW%O%'6?$E=\?#,$=6H\ !S"5|<=*72>7?KRZQDV9\P-HO.6E2/51B?%X+,J5PY/LV>CTZ#9$]H,H,O M!B*6L_%(E('JEX0% (*R&HLBZ\K*9E#_KTG*O=Z'ZT3WCMQT(-1@ K$4(7"3B\ M?#KJX*^<|=WB5KU+#@]6N4V+5D+6B4KVW8@/+=-,^XH19.E!/@.Y.$BWV/YS M5|9RL'?N3G2"O2MK,W!%@8F!.[[MN#MA]T^]?Z L[8M',W. =+OVQDTA5LK M!X(WB)LM;N%H;#-NFI'_;BEA\T@]2[X%N%8(>+XL^<^]SDLYA<&]U=RW[% MI6/.'?1V,$"+?%*=(!8G>8"=7\[_-RZAJ=.P0QK[L- =BU7"\]+4$:UY@?3 MFN4"^4I9XN4@G0 YW%O%'6?$E=\?#,$=6H\ !S"5|<=*72>7?KRZQDV9\P-HO.6E2/51B?%X+,J5PY/LV>CTZ#9$]H,H,O M!B*6L_%(E('JEX0% M6+HIFH;8U#8:!C*AY!&K47'5\|%GR1Z#$MZIC3L0.)+'C;E8[00Y,;;2]IXH M%3L/%S%7=\|\|S JXN6EME_-H:;$HXY\,>Z[%IOC|\1P3U|)6055&ZK57%#Z1 M_N PDZ<45;T&#N"5YX9@G#C-,9[.3I-4U$Q2%#B:]YZOWKYSY>D3PA,S9YRS ML_W&7@O+CX;O*[1%-YM(ECW\2OXG5QCJZ,W';Q6.?=;NY%2W-)NE$R M= [64M6R'&Z';!CUH^/D\,)*&@6,1_W|]D8GZBZ+.,R5E9<-]DW@X0,,4\!*_MK)H/@ZD0!K%>RG=H$=XCR A"IE3$_*,<#&#UK',Y[H;)T->;#%UBO\EWM8_M4(T7_Q,M@; M'G^N^;OG'_G_#OG_Y$YA6GZOASA_T3V>M:LC1N2K6@OPT/ 9?8"R:W9VT<]N/O;#XH>2,YWO?9"CZP 9S =^]J1NW:G2\ M$-I H\|RL1{'G9@=2[#"]V":? W+%&:UG+,,_)#/7(@85=,A:-QF;&%Q3&/ M!Q8_#F4IG&XH\PR\/GPXBJ?8#?OO4 OP BM)7:D, TB+/EX%YG)7*C^Q$6W6 MW.?Y;=L@72UDB:TAP_@DWJI]+/70N^O'7E:- MR6LF<;,HIF*A%^4W/G*YP0! MN)6T0\:.D-_MD0:L:,P-7%[@-L5X;M6-JZ'S5=G=>79D7+T"?"|YL908"/,UCXQ6/,.U$G3&Q)+"%89:A3%K8<)<6=+ M&0A83;7HJ1M(71Z>CXYZT\B\$+O.(|\UCNTQ@I?)_0E%D$&0J:43&>'L,);8 M$%$H):$A_7=WL9K(6>".'|174L^Y+SP:?=!58&"#S?0 N!%2&(SQ7Z(&4?DU M9#Y/G.(GWIF.O? (BL:O6V44WE%I%A%.U 'SM,!F20K%VY@_9 MUQ2"=W$2< 4)E:N\ZI=-7'W]ZA+ ^O,=|2S?}TRD9^?$7<6]B+W5E2D?HJ"XU ME)24?/IFT5,6KK554]BH),OD\ <8#;\5_N1- FPF/>.N<5?$%$O- MLP7!OC^'

9C\GN68:E1;F!BML]"@(16K>M.K^K'U4Y,3K_1G3) M)YDO3-'A2@@5%.&8]P#0.\0??I/#B>1F#,!;"#LX9OFXF|AZQ\L+[<],F=\7 M% 5QYB.WAZ;Y56=[;

[;X4W(="XSE_AM"MALBD5Y>S@(US@ESV,E@'+1E*2Z] MBA-SK";^K4XP5*6'+RMX$EE9&\55NY;#G%K1IQ+3*P.YJQ3P:/"`MS&G-G9&Q"W;PB9L!Q^MC)1'NJ",4T(E?A-&G-\-*

A"0*QQ\H9%P!C"5<.]$1@`M%0(3C5Z%L$MO?QH;,A^QD77>&;=*%;70,FG]}.4$A7ECZKYXE,<#MY.%(:F4`M"=SP(BQE!I*Y=$)Y72@1I_>Q5D. &4A+-5 ^38Z.XQ5>Y%PI'V+*.;J/-*

GD?. MV:7IV+EI~2 3+Q+W<3PE9 1R+T@H"\A!?W%=X,$ 1"R378X", ZT0!S5>S M<[9{C7>]/6U'TY_69:\0#7ZBRHB6<'T:RIS+<8-,!,(G&O"RA-W@ZE?WE1BD5_5F5SC. M,1?

I5VI+.K?:XNS@7^GYCR8]N,< Z.4"&:BP+_%P_(,ND*X_7Z&(ZS=8!(%):0'0;8E^ MG))++!H'CBKW5/S NM7NPA7UP? -F[;W^DE(OEW2/K- P.8I?NI;VQ>A"D0O+

MM#]>XM?:*_+)5XH\1A_"@'8,^SQ4>I?B@(7U$P6,AO?F66!5N?_C8''^]_5-O MZ)F=Y!]VK^VQM]=E7LUV^N?6Q-C2QPW+Q]8^.E WGN$*)*NJ"- M'-X!CBF\ 7K'Z5&P[:]W?K:I^FU-

=;6*0?3SD1#47E/6FC7G1-M54GONZ=]" M$9D]+$Y=@IO&W&8"H92;PF?_(#T!AN!D> Y:Z,!*]\7(S2.5V/#IGZ_W:&_ M)^FE(\/E.6&5>

]6#P^4"]V:HF6:IGDPCA4CC(G'@VYH2,^N$,0Q$:7\>9T@IW0$_??:A(K&:C?!+8:I9"H#"=+#65$=Y5D"C'ZOK M-J-\6TYA&Y>A MDW#P1%Q&0$A.IF!CO\M&WZX.]7F>J"R5]?

^NGE2#]{'GAI M &*YXN^$]U4R\. E68 M9*_1 V?<(E,WMXOE7YX)Q#/^HLM_/'2) &@>PO7+ (_CH*WN|"\3E(0<7*4? MHPDS;&\+?S> ^\MM2HH2?+&!LK<3$L'QV1S_,US3LEEV-

L*Z7E5!-N_%IB5D?I M7\^N;X#R.8O<4\CDCO"%NNDDP4CPXG=7&F-5/>ZIM[=MZ:SGC7<)#GGK2\]}Y M^-PQ*=A6<9AK7.+GF[FW+D#_C6#TWW#Z:C #0/JOBGA7AHB-L#EB!

<;%)>G] MP"=\0#Q>%6*IZ[SKVW]f=]D4-HT_=65TPK:GIM<)#H4?1'C,"= M!6@;@&8#JD"(E8AC%f]^@%*G,?*K2+SQ@W\PV1P3&.1ED/_YZI:6;,AI?L=:1

MJK'-1RADJ=]M7|_+9E6S<9/-H%&16Q\4P$9(%C1K;Q%9KIH##64ML!9Y5C M'/-_XNC3X_2A4Z73^2&5(F@)B9LTIZ -3YO8'7DI^*I.0N88;]O#3UB&.4=

MMH7B!P)Z3_CYF!.3$"O<6A6@G<0QGZCEO$=F 0!=+,_F>EX:OA:\-'A!)JZ_DJUH4|#JZJ;KC\(\KW1?S.?,,_?;*,A M8*E"WBX(P_405%M%*!N3,Y M9S)W:0+WX\-

YFLA:NHSTGL6W0CX]X-;;?8AZZ?ZI\[L@JWP"4C/LOE?_WH*MPC)JU M,=]8D&>M -V<)+6&]=" ;2B#U5G;\E\%+94762>:Y"0`GHWO_^2GNU-M1?L&/S/ $QA(-R<>8#

[\'E'>VS9$G@11X,QB: +P;GE4K9<1G*N=R+7T^9W_> MXG8"P?;F*,D[-;M;&BFLNT'& M!P3$@-M/'T!C*ZC>W8A';57'-+\)%G-5!0^OX&^?5DAQ/UOU#M'3'1:N%3L MVU265/D-

,E_S^9JMWR;5798NIX-?K: 2M590/O-_K(!D#"1.:''!>\JC[A5>N MB)\L,*"3D18L:<$YMNC!\,)1Z14XT.1=&U7ZVRDXYUW>@N6'TZ,#ZCU60&+C6-:3G5&^O.,\XT MT-

/*,NDG<%))KAI9RS2>(4!{QA%0)UHH0E=/'?0[=X(3;0[$1ZO!T#XI MR: -B^EPH,-72@$-8CNUT,U_@1 M5B(7N9RV2YN57Q\84{QCO-M>_>7+I9M"-XJ9-5M(

KOX>%64,'45&JUQ/4& M(RC'^PML,AL96=MZMY@66DV/<7GN=*U=,DU45N-8_B4KD?$W)$@_AR\KRL3Q M%2LF[6JRCD$QB'A8RQ/M3RWZF-??,^SGF9VP(#@F9

M.!X@\14]]X.W&^ZIM>=OS&)B5L/=F$IO:@LE]=;[PR"L:]4=[&MYEU7X*>"X M"]88S;<$>^GE#3Y3#W;F"NH"!+;,YKQ>G=M0;,Q"JL]F#V)@]4Y%WZ@/+ M=SV-

'MI*=\W1G_W442"ZR=(3*Z2)D489+ -,183^;M*1D;)RM\XNW=WLI&X MA9OC4Y?[QS'10)_1LCJ1$VL;6\4+ &B'&\0!FKPPRPYY'6$0)^_]:(.ERZK M:R]WK&0]EL-

G_Q16DU6/4SF6#"1=3G36?J>6P<7H.P ME0-,%K&/&50H+U.H#F;6T9 &QH,";V6>\&F>!\OQM;^7;5>,],,YC5A6..Q6T

M,,9V\}3W#.BU@=T2G1C0E@'I()WQSA'IJ_$@HLLA@ZLOC!@I59H;^>"#}^ZR M_TSV,O6="F?>.RIW-Y-JZ8P7S1BAA[KTH8]D^LG(B.#WM)6N MT_*17CX/.E392/ZHC?'8C'=[_^-

T(=@.R[0)TN'U? <00=2)TE$XMEC>/_/L&^ MW'>]B:OW472@3&9\\VE0RDX=$U.X9\09@$,+*.!BKIUG0/]MQ1/D)'@+IRV1 MB"$K@1>"!%OES2C'';/+7+

[QR0SRJ8W.W1I^WE.I(TE$DQ6B2Q_YWP>Y2-# MN?F%L+H@RGSOY7&Y;C;>.U/T;0B!O.[!U.O+UO,*!QXBLJ\.3BO),PF(O8$ MZ5).&$<+.I$V1.5,%E*;YQ4(SE

A;^]\U1=`^[*3X46.O^A3MC*;UAD<^^4O3 M3E^P5#RB;K>7E_UWO?U=GWX M,.J5 AF!P(?"64N"K"LKJ#Z_4F+?X,=_Q?9IVS22(&TL#1$!PD;(B>/4;&U0

MP7%)LJN(B&3IG7'4O./5)MXB^S+M3:I&]$>SWUG_W5UOI0Y" -0.MG.C(!<6 M.AVG6IH\/?ASEU4@_49O^MGB\3&[$]_6M[XW.CBA7V]7W$UW%[J!=\)8 I0€

MS#NMBBSAQ\1V"TPYD 9CH11:[4:XSO]Y4 U1S<$S>(B=LMMKYWV/\)3 Y-/W MQD=D9B?E">'

M32(>K,,/1.06YJ_3T8V4(7_NI1ZB4M1A(RU:GCC';##!=,RZNGYMB]XE^50=O(@E2]-\XL!{ 7/=#!=5;_%_AM>4\?1& 9IA)3)] MC!:G3O^6//&>D"*OM5>_LV]^&+TZS8WY,*\9U7M-

/"]$?><)<<%.Y1\],:B/,NN^Y)XCF9T)*![!\C&SZP75E#/O!9V M"EA_DGG!W&]DG^\3#)%/'6&C1?[G&Y6&C]?/:8(^<^5(2;[V('7JS!"CK.6D&UN=#S61(MG9B) MW_WAD 1-

8XL#]V\.)E0[>9=-Y*%/NPC_>?,..KWQDKJ=_ZPE'.3"B((W>]: MPM5NVO!P#C'\:(R9H$PR9+2F% &]KW^73]SV-/IJV<8N=];DR!8F.DB7*

RWR(@Y\<8^YD55"=]WQW!"XOHKS1UMA>]//""]N9YI M]"0)$U%%W:9:OXR^'\LJ57ARR^]O^9/ ^+49(C;II*5)WB5,'&';MG.IQ1[S\FO?\RV)-$Q8RP7 M(5^.5M,*2KZRB_Z#

MY=W9E5#5[GQX?#S&R$J;(O91/]_'D'D/-?E0[5<7I(?C]XWQK(4//>""PY3@ M04 %" 82]]6HR=K5F&'/B-(4SZ&]]^NON>$K<;?=1*.@6Y3*C*."

MMM047/E,JAD#VHKA*UJVN&OH"O*MM6F&-4<96]+QX*B*MM7$!706150DZ"?" MG=:&0\#6O8C4Y@ZPM,^>+#<1YGE`W+6C!MIP4A+F!A_-UOF9G%7N> M+'W?M*?

^M5*X^MGKS07@M1OXEU?^^QG@=G#R)[%-V.')"5RBJ4[^>4[LJQL3 M8=*!QV9W3U.N-=N\A*E]31=WVC'AJJA\?O.$O,V>/01A#JB]'(NCHQ".W^ 9

MCA(_PA80E845_Q;YAYWWY.48%*@92/&M-OQ^@>?GMV/YV=9K_E M&60<(^2]!++FEP95N)4]4V]__;YT>,DI;?7BK>;ZVR^!T_*>MU#2&0(N"(&YI M@V@ 3HIZECS<9@NY3NRL)

(E';6@>/*W>=X5GNEEZ_8/#1+G7]3,%;L=$[MZM M_#U=.P,%;B(.LEO@Q -?WTWL1+5*I_6+-.#FMKG\2XBV*N\5II)2PI]H1L.-V MV%8_NF V4I3,.%']-

F9X7JO^]J1S1J?""9]KAWI*W[FYN?IL>8@@1F%;PE9' M#<*2D3PK^XG.|^-34$TKU_-GO.:=';7ESO*$3__PVN'[81\EU)F#=B4D?VP ME!]8 ;_)03ILAL)9Z%2NA"N''J7@U%VOR?

0CMY/=OQA50O+>,V(M89)-SMO6 M=7]ZK'+E^ 2YO(VO%L+;09'"%B=<4E90&W%!I$2,BBF0,'BTBXD7B[]OE>+R

M>L>,;3+VO(HS.I%,2"_FRK7/YU\]_VOTF0P8X_H8);R6^LX9V0^<>YRIW,& M$R02"-MSMV4]#E*FD@*EDK[F.KZ_OWXYT_3QCIE=KCXZ]8\"#.1.,9(9V- M:'$+RY'O.\AWKRK'4+

[WBS6_,,?&5[VVU:.1(W(L9-OX*H:]Z>.W8@0''^F_,+ M4],GI6,7>;;$?BKH@J-7L-I2]V;=9QJO=[<.XYYX.(W2/KB)[$#&4NHZ 3 MX8L#(EXD4RJT)6PN9C*8*D?

0@6I_7')5B8EA>\ZX;Q+.HBCEUWK,.#<';WO MS#]1FC>;60_D!^=;"(A[*?8&J1U+/8^'ME!;QERXY"\-NE 1]ZVE])CD&6M+ M3O$KGO8]G_.UB 2G M'L0

\9:4%'(592YZLBL))T/UC_69.01Y,W%H^H?IXLT&RN^5>=&DU?MRVG-.E M:6]M6WFNW"Y2$/@_N#"IYYZ++L<)++!LOVPC'3BRD3]WL: (?OIAR_]6(WR1,AF=/O@641;)G.#G<

M93"RA23W0VV1-.5X^:"*2|SM4.7_8/3Q'47Q#=LXN_*QL1,&PIXIH\TG\:KEZH M'#)S-)S0N)X*!UE$_YQ:G'$ .HX6\#K/&HS):5:6%GQ<OvEV:,M#_DL*EA!74K

M$RM3F%AO')L95CZWD(\F54;OHO'>=BDM,T3PAPNZ)Y7"6AF@^PJ*WM@.2^]B M1#9JH#DGK(TY"M#3^5,E@84F;.(*2E+LR;$=>PH_K)UF6^D_%,T*$B#V2=QO M@H50R*-

T66')6!RSA(R!,5!3XV+ CJ+,!588OT#%U_CE3]Y3VT]ZR3>X3;1O M[PK])1+&%1?FOEY]F;/"%G"Z&JE5,)7!1;Y)/U_\$ML8$X8.NG:B-M7MQ\MR MSY3G['/!M\X&5EH\?+D?'

HUF.5]P'WXBLA&BIS!#H94XFYP;'.Q24NN/"F$?$6-P<;<,OIL9G###F?SZ0D+ M>R4:YT2CQ=F;66OC[!]3NG 0%?@Y_.0**A$O%##0 K1D+.4,;.48

M<9&JQ*X/C@U\OO>=3;213[1/17^%7O3 5,H9, MN2LOR1G>,;5WTY6,]7X>)R_N%9.U%W\^+5B/V(%VT-0%*^YGX1+)&O,6(V$N5\ZJ=+*?X6+6H4+_]]$C2U6U3

M@4^C"TSF1U\!7FAEB0A6%^<_SE!7TM\!P21Y,J^0Z'5<+XYFOM]4W>P:A5 M2\W.%IFUJXM2+YQ[9^R_04QZZ]VK4:TF>(DH"E>D3!'"8]X>QPI25U A)$C_

M9UUAU+,V16,$UTIPN.*^]TK2N00U1V]/_W>)DW)'WB>T!$UL_WE+1%]E@6[M"Z3"DEI/8=IN8@TBH N"+&I,;%CS^_J;.^=2P.B9G2U^B\[0fVY3ERW$DRQ8% M)RWB3I-

TW7TO+1HP%R5^ GQUQ#U?C1&|.)CW\65M<41C^&/#EC[3=Y&GH/OB M*<[=7@;TG,]W-'\4N^M(9ISB?)S)E_#K]M=X-4QT2A4U$;/*2FFR2[XC.V@W MXU;EB&"?

P^2;4JL!1*#T)O:>MUJ7!>U FH>AVY/89,04"/&?"'^9L8&G4A;|, MSFW(GXC^[7UXX;CVX%WR6KQXKKU5W=L-]TDZ2;JEQ%GB1_)'$,Q4.;(8P_ M^|>BB$$

[0J. ^8P!'D/4FK8[.@3D#% 9'B=YVVT%'(OQ|#7>CFZ8'X6WUY]|@#D\C^/*@.8P2$]W M+G\2/8R:-/RGMWORE;Z-U8\SQ!\X@39&O?@Y_.>J_\K((24UG%L))<-

,:0/Q<*C;]P837_;F\3S'/JZ)O707$KROOT6 M&(NKWMEL]\DUO1O-"(.TTRMX45%=W"U@5PL>TFM++OG9L#F]J <>.[RFI7'_E M=_>OY:/.505):G'^P[QAB\MIV)P;7S-

CBVGX2I7W+DFG=>[?!,Y#98=_)VR MEA';>\5%GCYV:H3-&S]WU.'S/Q\^VI00$1.!QL)46[3,#P]RUX(DFLNM/-UW M/1(M84HN9UB4]B[WGV9[;Z,S.K{[=C-?

=FI_G]TT0:+KTM1>D2,N37]T!&H+Y((ZRC(NX1CGC/:T3F)-MKH]QIL|P;J P7\(2K?8_CG*O?)353=!UD1)R=OK'-S !5 M#P&A,MA(0*

(&4R%=S%P+YR8LE<;S@[J8@@;JD\#QS5]@I2AWF\"??/<7'P,# MENX\<&XX9[>]MTV]*W'"8M<9CZS@Q0V3A8C(/0$E8*F]O.T$H.N#AS_@-EJ+ M?_7VD 'Z9UXP* JO4X=47Q#[

MR.!E_'N7X7873G71Q =^)#AOTVWF[&_WH+VVIN_5;V$JR\/P%HKI(Y$$M\#NC2Q@DK. MD^60:/;]!.>GGD&U7]->@4E:7]?V5=AY',.7(CX,!=\'$;IK*#N7>5C5U#E M?

6$KJ&=I'!]@A!NXHH@M_)PGV<%H?&0(P(F)Z"C!= Q'BW7NRW^2G%=TH'J M:S'T P/=#596*RCC T==/H_>7+0X)O)'F(ZJG8J..BWJ.#=P,"(,.BA*(FS

MI!OQO<)U;J^@$G2]DULW*Q05Y]G_T|/:%JB,I6@OQM7_HH1PW-G2H/3]O(VO M.4 :O!/"Y?5&..8:F9SX0G .#@N)WA12N#G3<4'VAM-QTT(22MENW&9WL-

K]F"\.38Y_PL*]T&1M=.WRBJO3%IWU'77[F M9%G5' =U^?)=\)]/;"UXA 5N>X?GU@@*S0#EX"'3*K K^?A$.1M?>TG.,VK? M>&-P:[I!L.M9A9*<8*L%2:6;]NFK'1:AX*0K@GU-

;]\33O12SKZM>IOD5_.V MYI[5Y7R9XN)UJ@Z;XG9N&MSX"N[&B;,XXL5@EQW4-N%!\#M;U+4#;+XF])B5 MNY=&-KJ Z4#YZAKT4E<#S+N,FC"V" ^93=I+ M076=SSEP\]B:J6H-

,]'KTX.C;]XR$7M>+*V(&D\ M).ISK@ ;ZL/\2H+'U:$;SZ#R:,K+VM,CWJ,M09R24/GC#6-`65]EOA9<+/G' M#84YC,10Q@"1^.O1)6"H6Q+*]54,* 4Z/D]?P)0IA@*E _T5# MN!GE^R;"

[$\$/A$#GL!RM MX#:5682I3&#[$3B*X6O8 "O6>)Y$#MP_V+(# +X327?[=UO-NP3]IVPZBDY+')YI1;CL8]U:R3,*?'!D/"RU&9(T Z?9 OVP_0<(\% MS_]:<<0

L'AO+0\%%P1>;=C89_]@*,2^9?[L5]]%G/ F M[==>MNJ:A:,IJM%;]>L_^'SDE2*3L >9A'T ,X510V(+T6R/X"'N#&--X&ET M-90&%I_H2T@Z6_1]%((\2_"GRQNV9DX[R__GG6;D

M36L,E&@K>/(DZOCAOOGZA-&*-8]K3P04;W:+#558M;52$#I&+09QY?7143E M!L!\3*V,9& E_,3)D-82CC;4Y33.V ZD==(S)?Y?Y5>K]8,U$?\C/\ Z< 5 M$YW$0-OP?/G+

[;##$\#2PN1;N$2-W(#\56% WRYTMD==9ZEW6FL3/KDF6V; MLBTVE8N?.Y?&;>A-XQP"RMOX&TF\ U#D>WQY5PN&1%P%[9\($>/ (\4Z!+ MXJ.

(1T'CZSOV%BDO5'AO3'5(;+F0^<;MW10XIO+>$8F[%11?10M>TX+(O8! M2O_*:C^"YJQ?F:Q Q!NKJL>€>NV?);4]""QYAJ9!CA\ZQFMMO]#5WV"U]H M8G)I1&KS,-29IS("30[€>?

H39 KYZ";R+)-VI) 2B.]L+,T+R=8 MJ5D%:SEV.-1]>"93R>W(SY=EK?MERDFCLWJBBRK<'>&C,.0!Q+WBJ_0Q7?B* MP/OMT 7"+BCF\)?2S/$W>?)

JOS(V.RQCU_?:VFVCCQ_'2GS:#K3P3BR"XS M$$'10GP.:B 9TL?/D9CD.$8Y*RJVJE2"9>4Y!G&42RZP>/I#IVVNOK90#WNT ML^W00PJ>E&\]2 ^"@[Y-

1O_"QEO+0(O@088].$I*+OQNON#UO=S4,8!€>'3K MU=>&S9OU/FH_/#?(-D.Z]PGD(982S1\([(^TE]I64,, +"4Y&282S%!$8%HG MH6FYS<+OTV,?=H1 2+D9'&P-U V1)?

+AHXBTWY M_A2]<:UTB_FMPO0UH]HZ^K=AM6L$'-N=([M#+:-F7AG\3-8372#'DD+O60NJ M-MUA21U,'20)XT5VYGM2$3OSM/?(>.3QXfR+%;=_\=:4_MQ[;N!T2WCP|"TM MD?

93#Q5.8WE;PFT[*G.*/!PYH5R*-/0.Q+61;E_#O1^SF^72L4ESTS^.]IJV MMUVM\]Z-R0[X>L?1(''JD'9YF>/=!,P.1%2F,_@;A"\|/Q<\!YA9.'&B'L%. M4 1.,/#PR?

7>P<\#2B<$I\9>U"2/MAZZU?K 2OOQA^_U_(\E#/A;_F,7PA)B M77H))\ANV$#]0P<.4%*"20]LKWFEUE#DO^?%Y0/FLEC533N;-PX MNEQAL&,[(S]*ZBJP.::=#<;$3GP%-

V<2(T5;5;B.9 !+GQY$OATD\/URO=? M'559U-/"C1+,0GP770^N:RR=]\V:T/M6%32_C(%-@V&:0^NORS0EDI28(,'!B- M%.:GZP[XI.'AGS[?HXFIXK:#L/%90_[*Z5E"DP?G?B8K*0\+K;(@(?

F2NHGFQ@ M>F?%'FKR%!0B:HO]R(^G&R)N[("X@CIJ@IF.^]OLWY;_-ONWV;_-_FWV M?!K99.19\7& YH,+HT)Z\VPM3ABSBUT8@]C T&,^3JR:Z^F2X%N>/:[$3A/[

MJ&EG65;9>G4S%5\,2L!KS5=0!YX1!P$N9P55]/"'TI___OGV_^)B;8/H=#]P M:0.NP(6GNPA\^U:\'L?LGE_>?SYI!>4GBFCPGH^GA2E45D/(8,R)W62NRS3R

MQQ[WZP#M"6.AOE,!_B3^;@65GWD=Y_+\:3)]_0P*I@Y/PLD]\+%09):^8,!! MH*)-H(CE%XRMH#@OH0[.QJ@>/NNUL8LM[U8]^ .P&#)HQB++&1P'^]4

6SPL]Y'1"4%"/"^9U_,+W>LY\O^]9\H0IL2^S?_,2(NA'H)sDP+&;Q(;..N MASL_$JR.@CRG;H)?V*?"@VX_/V^T:+/IVISGGXF2Q3?$,QC8I\2,*TX\^ Y.I M@0#] 992WW6@)QR$>

M':),4];PGC%,:0*]9EI(I#_62>!("^L#%-:2<_1PR'S+Z-I+(:_=KNRUNF M!^(#E':YB']2+YB72,>/,& S-&PFE2OEQ>@//0U8]-KO?E,]13Z=;:LA]6 MZ^SKCD),TBOY(P?9=FU/B6-D=>

(;&!%K\ (P5SQ)(E'+B0F;.B@GR)*XGY_?G!R%AA= "PM&%V;7/$_V M3V_<-^ 6_,&!3$F8C.9-^;NR)2ATI*MD8I/5)V0(ED4 [1,&= -2 M,#)5I)'C7 29XBS,7_!PWS)''<,IIX-5C$\

[!XIFF#6VJSW7NX'IB&)/I\N7 MJ'9EMU['A>11;M6,(.NP'+E- FIF^1\^OYS#&9K_S,"V5&..8:R[XC&U4P8!FC6.^8QH(*C",>.A0$YY,1A\N-

9 M\M#IK7[*6%TI%SLRN[G/N:+ ^V*+IV?S1T&3U MK>]M8@93B6T8\-(.7S$2EEK-PBJ9QDDYA.AZ#D4;E8PK=@4N'^S%NK5 MN#+#4+!V\F.4.$;< ^7P3.!!7.4OJGB#$4&

J/(_7DNO\9?++=S6':IO3I(PLO MJ^H:.Q[D7V;F)\D-1XJA!+)/J6HA '.2#.FUL2-9@#IAG_ = X!FB&&YT%90 M"9&]>XNC*.Y?M).7CI_L_N"YQG5R1,L^09E3VO'$6UIOFV+L/$)!CO"XE;\1

M^;PDMN\@N!D3*4IZ-G=Q((_]BGUNL#E"N>"H#5)FGLW26VYW7L@ZBN]|L.F ME^7ES?ZOWG8<$IS/G&]=70;2Z"KONLW/U> G(C5<^>+<'?=7%- NN2$8]>M

MDVPAD'B1\!C$"Z-AXG9W+3T>_,WSP(G7W$B8^KRG/I)4>4J0-*P%.3Q(]%I M?+GH;[GQ9 /,%]IZ5"N3F/;%18OQ^U1.8T>?Z8>9U&*L_[&#OYA_*/_ UF*8 M-[QL'LEJ<.WR[Z8=

{U46[@=3=[<8L 0]RV)'#F-)?]B](@UBJU!])/5NV?!,1. M_]$1W"]Q^K&UI.Z&&W\LI-1)H,W4'2UG+ZTW//#T7^4./Z,< X+"H&T6?/F[7"R4$@[>Y28+*]QP!5&YK2[88SVF[W8+

M*$]J7W86C1{<["L_CUX\Z%AU72L]>!8C-Q)LD:=:K0#9?SQGY8_8U MWN>65L:H.*VM"M!#<,D9GP: +GA(-Y^]EN/.!/@ZOPNUM_7>DSR*?$,A_+U[M)!2N?[KT??

Z(UWW9W9_8,!)OZ@?N[=RDI)DNL5=@1OR(J4F8B^5%0G8_VC#E M%FQ1Q!Q0'PI'2H(2XA^076EESNTG_U5>;3[1/E<7O/9@D/W)EJ67V?$6M0L^$9*HO

MA:Y@QZEJR.2I*@T)5.<.9GLMONX.CE_WEQ:55VQ2<.UNO.!-E8?;R.&11;# M/P'@2>SP$G>2X\+79"A<$6":!JK!2[3,.W]4]I.EG=]3ZC\.X2-SUC9ZER7. MV1W=4R&_'E4TB&..4N-

PMH%X3"Y\& M"#<@V I/(.69YCLNY@GKBA7G0B=O9_CY+>0#M>=]EPUGO!B/%/(!&Z]2-G0SV M)=X6.O2EU"[-(^BI^.'W?39&GSG"NSN+Z.TKFH1^U428#VE*(&%;0#GO"""/\[

MQ2LJS/Y?2>,DMX5^E6NDIW5P+_[4%;TR**<=L&NV8W5LA%^,WXOA_<^_#UXZ MY35ZH'ROE;R$HUR\;U:'F.Q>L8M[*3.3L'01: *O)8.15J((9L>&!5V\BGDYP%UG7K7JB)0YKP

MGQ. @VY0"X?2EAL6;V7TQ*8B6.TGY?+FZD][B#2/45 DTE6C\#KE$3#0!P?:-MS_]QR$%T-% O+M|@&@]9+DY&\O7G(6VEl.8AK+DS9P-K7=]3?[(; ,-5[AX+ MA[\%KT&0+FK=

[^6]/(6H17€MA8$+Q/5\.<%K'#./H4#81?FAH=K+C@A+L3;@-MF%?X%P354C+43C&,/6S$BP'G,[1]< MV@HJP"7E&OIF_=; U\ZO@NEQ7N\]X*F D]..&R2"] R'F&K(\CH'0%M5YK"|

M**<7'O\'3"4CWBHDNL1.[ ]7]GR?J:Q-='#;P.O= C79*>#AG,%+\<N=[$]1P=1G=.,?P58#YEK(+7 C1-')/%&-[/0L^Y,[U<1** -I>'0'@+R+U=;^GH M^]9]@_KO)&<2OL#0YWTD4;]H.=?

0;]54SZD"'[NQ?FV*N@(/K* T?I$0][G10Z>#N!^DGR5%^ZU?/]BB[Y%*\/: M< 9#\'T7LY$HA52:)X=SD+0_O6-H>S.Z_I@#)5#11G&\Z M2-Q!._FQ;4B:(*\-O!NT^R?

E2HEO1562DZ/!ZM6O7THR%?#Q9#! ^\&FL9Z5=<$CVM M\PNB0H/?1+#M#U&=_BGQ]SHVN,.A1WE$VV;C]Z5[]7)¥!LL\P:T&Q+-->08D" MS%X*)ABH(#<^8"B<#K:VX-AEL+S&

<$=B .@D6^$P5<_T3Z.>4[@$NN\#\2D1/(]%FIW2W9//\.^IA_[^B1/MCF.'G6[>V;SS,7[_B85/0$> KC7(5'6/#'R"4"TZ0\&FB]>X\R.5Z#;[KQY M2'F'@/6+7':NSGS]XGV(?

ITW]EL9(;.S29!H%/!E[5M5+,6 MBG;9[%:PP52OH$1P 90XH$]"]LZ >PN2YLBW->=)#TR^B<4VFY_M_3_:.]=P MJ+KW\0^2A*0<]9Z^U MNU]?7_NM=:]9)(38[?

_239R2_"\F'OBX#?Y\%"4\MKR4?BAMA*SZ#H1(LW6 M\$<2>SZ_PHD4-\DW:(_R;_C0Y)@?D(3/M1??W_2W!QLE4)3A-7,G&N'F-0KV-M%O,Y?Y 8C^T.=TT[H^K%5WU-F4W20+

ML.>&C#40?QX0SB&(=.@=IJZQC<:89N^<=+=(Z$2 Y<')0.C3/59GR+&1&I\N8 R/G&D#_$C[BL!#F=R/WM%1RE_"3S/U;>WU#{(U9>MBC%IG_5K\T.

!,8.$A:UH0TVMRE4L"\R#7+FC0+4:(/YS'=B]@I(Z$A1MF MNB^:#G26>^8%,>8*W[3Y+,)]PORL"]N9@<*<W,-L0S-TVVBRL)F8>S?*R M^%6!-P-+DUK8,3QOTKNLT_*1'F@XV?

FCO,W529NO9&)7]3AJ^ 2*$3NT6";DQTZ4C2]SI>^;YD8K&I<# M/].POTY-#(->K3UF^M*.BK>??AHH_16>L40! UP92"A] 7*K1H-S2*"'74H<6 M;F4**KU(7

9D(T*H18/E;.G8+2UQ.6 M6S$1I4QYTVHM'NTN)] 35S^]VJG&&'NV;!\="DE(?RA^Y%$N&O M!%?;EU0Z+.F@H"A5H-7'/=$!#1U@4=I>])@8;P_(E4].>N!V@Y4HO4ZKGE_L

MZU\!=8D0-27Y;:.02U^8]1 ^>ZGFY07H:LLMOD'/#)+=']M:KYEL4..2/X3 MJ5 H^^,9[8\;'+_H:!?JOK"5X6B9V,-/2>)>ZJ9BLHR<9U NV1RC(7L&6H<)MA4 M< S#% L\?&-&7C^N*?

X;)T7%GU7[\X]0]JF^'G.% M<[OX.L2WI ;4S2]"-/T019@9B]EF9]48<2GIBU]>>F,S4A)F:5=VSJ,E5(N*T0Y?@M^,?>]MQ >QI)<2DTS@#(7A",FY"V&OP0^E

M(@@'GJ6R^*B,Z]3DO4% ,B6QQ?!J*3[%)HJ-JRW_ZLYUE)F[\R1_WKSSU+E* M\U[?>;?I-F;25T7[""WH=1 [/.D)7MEPBZ8F0?=I2*3/3':"'T,6$BK7<-M0ZT%^%D46PGLY*WF\?

M(VU*.-/%3GK8 M*^A1HZF&/R2XS;SKPF(:EGI+A ""ECOCS?DJ7]HK/Q$-:D$U;)MXV5-P$!5 M@V/+,Q>8 ,.NL3-+^_OS1[^I?@GQF(E,]D;^=QR;_)#$'>X

M'AA.O89UEK/L'C6LJN,;1&7{X$\=*@M12WB2\0#Q -(%HHQ8*,'_6,&/<<0O M3&

*{%&*XC1PSX/N53P!J,X/Z8<*E:+/@ZJ%=VN6%Q2ZQ>]57Z@7G]WT\NB4TXFC2GLYRTC$A#SVSHN*4YOZGIFG$Z[I M4LH3?QT'2:O#;?-8T\A!:XNX93"@)DPA-
]_O(6H'KZIDFA1C$*\GHK*,+4+8 MICVW&9^)BX$YXYVM?HD9,>&!(R/"L4\$%/N^.OTDWO@H,)?UC!P6T!#-<*E_
MY!BF5/X*]GOD)+_1O&;$HC(3(!W3#DT*XL)...2;$J/P7'@$V\;&%^&+W+/-M+?ULN'32_C!HF] 7Y$=[MV5)MU"W$MQ19TB6*]
^2O.#BGH_XT@Y+XIT7HZXR/ZKB+;3"^+4OO9S1M_M$L6@=TP)6B U98@I10LB):.?BU!009$FO%=.;[.'C1E./BV9BM?V=.;-'TL M'M"&//Y) >S>),
(LU7X!C24ED('3KEH,O,1IKFVS08B6'M^HD>MDLHC.O]TLU4CB[C!2YT+A&_Z($P4(<*S M#O5[":M(@92-^$^G/SU8W%.?=:CO46N&QFT=E7TUQ_W7W=[<^OYB,5GU@ M(5-
PRG]A7XG3!=C(3A)89FQ22*3\|%?8]2];M.;3O$,XWM3/Q<84M"&8;BM MS<*GQ)T#W.*!1LXI5O75+I6KL8R4FCU_UQ>M8E9FKO*",GV:YC^FZ$OHW_!= M ?
K9.71O^CZV!BE05*%03CH*>U:.*_=4"+Y!7$"Q@=80KYTN%=._&/VE1\X- M<,$QE(.9JK20B!^S;A,*F[5OS&X8'XBO.!*OY=SE^<{NT-GG5S(RK'^S5,;$!
MC2$\6ZP5>T]AFD%W@)G^QDU==\T4?&/A]\N6DU1VLA(.+#$+*_=UN:YVY76 MP/PEU7V^1T0(&UV_]?$,++8#1R+S5]E<)LOQG|"J"XNL/GK]=;+/@V%IH]8;.
MUE6J@P821T$'XL"=RP(#IN97D#EUN<&K@G=^1DWRIA3!..R]U,[$:+'WV9# MWSM)XE@>OCK_2^^T|\YE[*>U+4V%Y%(R5E@&:?+0@/!T\|^%L:-7"<[MH5>B7SV-:1S%3HY=
[2?"6J[=FH@&Z>W/P4649@5,3G4YI]_+]BV_:LF[Q2A,_M!=LI@[G-:*)H6,S!0^PA;+6_Z],BNF3KRD2[N^_M^E>&H'8_%YGV2]]]?\}3)^U^:=#@E!=]#^5&O!{\L#LI98
W/EBL=.*$<,WV! M)>_UIROSS?ES#OA"<36\'^ M%/_26)=|\T<"K9SH$@<$W5 /$C@O#^]3!8!=*U|(<$]$D!(7R(-'Y*RTT=M.MXK;
{7EA+WN'ZWTW)P./WKG7;6Y_[=Q&;N]8'_[^^UZ/O)?WZS0>3 $)AZ" M7X Q#(-D-6>N+B\'E$50GT0I^"3S+[4;:KWA+02+'?_$;#E]_"|" _%L:8E.2 M$N#X0XKM*-A*MQ/>,
<6!EEL[SL!_H6)8_P)(=^>S;\/15GMC\RL^BW%P*ZA&;=8U YTFL;!F&RQNK!%0=] M?^3BQTY]-C5$'T%OE7A&4;C]?=*@72/;C+Yf++#XW;(=D|)$\&?'-PW2F8JLE M@_@6J45PYFM
/93&X+PRQ2'EQD3L8_" M4BSFO1CFWH%3GIMO8$*M0M-MNTR9F3Q;G\4!J.D[63^@2] +0T-!@HT^#P?6 K>F*M$(T@)/4'IJ$'02;%8'
MYPRPY_"#>\AQX2H78D(2X#LRSBF*+J0DDUC &U"%-(.!\>(X6L1T M=DY_2 LFVE28[RPSXH?6^F>+WS!NN9ZN$=B%+"F[!P+#AZ,@;-5-'!]./#/T M@C&S&I_\BBV9I?
#D=(;%>\G#;F"$A (Q.YQ13&)E#)XRV!YFN39<(2:T,N MFIZ72H4L=A%_"8Z!@<+#T%.I&%##H%J2R0+L,7TXL&7C1^ MJ3,..Y$]_W%1QVYTQVGQ9_O%_HXX:',$C^:,P96-A,\;?V(?
[%Z=F4)Q1 B^ M"HBB3^Q*=(@S#-LS\3U.7U>R/kto:;Y@MK9JFW:[!T$0,__17D@1>A;D-U"\4 M*$I TFA$.*'Z.6P1R"%/9W88LR5\DHQ>ZF_^5%XZ/SA I_Y"KT_*T45%-
8-8?!VW4XPZSA@5*?&B3H?!/@AA?"3\[W%.B!>B&J*6FM|@_K-10:L.S46>B4T MYL'1@^OTJHP2A=9]ATEX!4PS30OVDV_0ZI%7;V82K*OQ&_^O$K%Q#0$2F1D(023(GUJ0A ?
R/MC)6Y!&AZ 8 M. \M53"2;T5/G.SOBN&:CU{(GCKLK*O[4FIC(R_%#-U68|"@4E3,, ^22UB*^ MY4P@!IU!NDP>I9^VW0[B@&'Z[;<$%YR,##:G!'E>]5BM6*
[>E\X|9R6/&L7P=(+6(L0F="#RAJT6L)<<$Z'?VOB>DVCSIX.+3M95 MQ_,>:ZS/O7.CK>V!O,O_/11RRQ?T)5+:,,N-^%P>I:%U7%';_-_+;XFV2Z1'5< MF!(KJ,4T/U)C5X^FJJE,?
<@Q*X8((>,Q]G0F<+3!V.#/$LWR >RX?N-?MCK# M2]@>%6SA==>6RFSY>/M:G^36WC9=L0LOCK;A47NP+,"^"X/C@?$]@Y6697?FN M^5<0;>/9;@EMXTEMW9,^?
6AV8:N1D,IACICQCMXMZX&%YG M\)\-661).+1RE9M""H:D>4W.LW5N:=Y-4UW=1$N.C&G.7G;_PUUW"V7WB$)2HW6M0FZS1%)FU&#Y*RU MM!2]6_ M\G['L:KQS_X'' L,5IJ\7%
[/5>_ &D?I=FH$NI^KEVUUOFW@/GF?Z3_4S^6G MF31[7K]6C]WU@.!?W7XNPK5+V.2$C+A5+53U!USZ5L;HS 0V#,&L^,&L715R5*.S-.M.O) 2H:
**W*RM5YEF=H]7GJ^<[FF,;E#5M''^BZ4#R/NU.\(7 Z 9ZJ6U=%2P M.]'#!EB$@-URX!@S?0(!*O =NR8IR@('X#AC9RK;^_P6GGIO0/,I]?]V J6C
MZXZ^>^O9M.OFUZ.#L\PNRDWDQE9K4.(4Z,.ELM^E3P[*A7Z(O5Z0/*FYWZ#9 M.UE*]]J5IZ?M$$F93Q&)&]:W^@$XP68DM&&*A5:E3RW(D]K1+1NCU&,IWS\K
M5>],:JWEY0(HSO*5%0V0,..X@Y3%'>SF8JZV*XD)5_ Q3\%#,X.%"BXI]!KW(NY MWDZ%DR?R'X###WC0@XHZP0=.B.V-O1BYY3WG08MW%(7))TY!(N)=(O!
MT^#H&+7S7<5>/B&U8|IC_>%|+QX&|S)ZS^;O=MA@T6W01EO#Y1V-@|U)/]N MP6NN%(\@S+769X=A.E\=ZGD=V#(X@>?M!;> , MS$6UY
[7T<8.V"3I9RE_(WBPSQN[G.A\MHL;,_@EG1/!9[MEKCX1)V^"VF"L M*KQ)"M)TY=D#@YPQMC,JQ?+MX-Y*UJUXD[V4:W,Z1\|RK^UH"6:Z*8]!U9.W MK"HH!'5,2Y8LU-
%9D>YAJ492VF5'L|S%]+4$Q+10]NCQE+E##3.%@Q2! M#$(LA3,+8(*$'YU5IWX@_>6'L]+9R"UOR^3*!75IYB8W?N.I=[3L#NGE]A5VO6CS&:+16R]R-ZQEECW/&H/=-
FC3.K]_TE46?\ONP[7J09\ MZJ-/N-^:>X,/RX9A3A2 90&PDA! MY"2F% 'I *^DVT2&%*PT#T@FZ=&MWF7)B%?5F&I['M5NU/A-E04H@LW#D+0J MBY2A(/
#>CB2P"+S?"+'9\PJQ,6P;JM$DZ_5 =7]TMVQZOJ[11?YP\!M"@_H M4IH0/D#1)\G>B!2KV1\#?CWZN=K0' M H-TKP^?3_^1<#IW?"9R_/Q8,B'-;OVN9?/Y+T?
UT!68;"2B59KX$;,F5%L % MZ#UFHXF*GA94'D^N$3WXU1S8Y#/7,Z>A+FH=V|#LA4Y=E0%(64MO17@C(-1 MT::Q:.^$&Z04]\1FZ[G|2 9E7GPMN^|KZHT(.!S|U\6(TBVS*
EB9[Z4^3*A| M-@WSIEM&/Z6&2+FV-KU(\1X3YV?5526T>"[4I_LL=_D^@IT@L7^2#'W;1:EG M"EM(,XO7A1"U#0F:C$&G[_+/BQ!C/1!%G\[< 0]R\/__+2L2_TDX/G[M.")U
M80'9I@/E\?],YROZ[U<(HJUUH<4AFZN26'T6QIMGQV)6WENKR7P!-(M%:C^,ZFR#8PO1.5;2Z[-KWQ6]AW])M,WM>](@1T\|G: MZ[HY!FV*T(X1B\O_=;
O:80Z1(5+MIJ0VG5;30B'02H7PTN#O<$LV/$W!X2O MS#T2575SMVG.ZO.|N>>>YC_6B.\.H D7)2{CBO^:7?\K^F2(E& PM02P,$% M -@ HC5,6C=2VH+_ @P(BE09 !0 !N:7@M.C R-
#$R,S%?;&%B+GAM:.2] M>X);.9(O^O]^"MXY6-QNH-B=# ^9KL+L'Y====<+]RV85?/GD'C0."SG#LJ[58I MV:[!|)?,AY2]DC(9%#/+O/W\BM%'Y=T]I:.;XS_K7|LY?K>85/>?MFB*(B2
M[F/=;S= 3E5 BHQS'-.XPR0*4URD@F$1<%]D09!':,VZ_3,/990F<8 5*P@F M"4LP"TF<!0F<9)4/"H7G19KO[^9 ,'HY5$6KQ55? S7__T9;N\]_.OOW[[-M]NV7[VRS_&6]N?
TU"H+XU^[3?VH__OW)Y[_%]:?#HBA^K7^[_VA5GOJ@7C;\ M]7_]]NXS_R+O*"Y7U9:NN"%0E7^NZA^^6W.ZK5$?Y0N=_83Y% ^X^ALV/R7^]&__A%
#QV:JE)^D0N;_OW|Z>Y9D\:OYQ*\K>6O>[4>Y*=?B\Y9N MMN\HDTO-?:W:]N%>_.NN?]O+N?BFI[GOW92'5ZV>5F<[2JX.(P7(.IX?)_G'/\
MZP7L> ^)W^Y17#\S5XK|WQ>,0IN^]L7NC-82F8M9;KY0KU=BKN_NGM3% MK$_/L:_^OQ7I+ES-\+0YD>BPOS0_>Z;^U9,Q" \JTIM,JIAZK\OM6KH1LM.71 MT]@4__HG_;?
%JOR^>++L2)5W1EYMU56W65%2?UTNZ^4W>,;E9B+"0E/,,1UFL M,,E)K,\F*G# 8I7F01AG<;K8|K_;"[G"OW_NV*AIV1'Z$T#2[9D=NY'5>K?A MS5FGB9MSON'GWUK2Z$;U<3_Y=
<=#HQ>@MJQ-I]47L=$?#>7_[4E^T9I.]:D_M"PY%*?{8[SYST=)+8]BL-X]E6W-KV1]%H3^M]4%$PJBQ9_[*Z,._/GD[UYN. M-]KA(Y"UG_B5K[6E=K_%1|\BM5G?P838KF$OM
%/,_$GM-X(N=\6^_F!]E^W M7850^;W72^N=+]OM)ZTH/Y75W|LOF\IB3H@V]GB(2:2*YS+-,0RX2+E0L1%
M$MNHI&$RDRNDABC::*IHH\FB^\WZ=D/O*KL].0+2L$;R)SI4'[52&X+(4!S7 M1-9,T$ZHPXE=::EJB12M6"U6N\'O9FO^*I?;JOM)O5GKC3I"9)9M.B=HMTDM
M/PW;HE;G7T>_LG[J596KW92 Q2U7ST2")'S5&"1J*:,# G'11@I7"12Q@E+ MTJP0MB;#&1H3;TY#!])1319INL;IC^Q/RG,%C!L)'J2%
[<=3@CK8!NJGF"#4L_=KQA![FZD!EPJ85;AB[0@UKJ,:-?CN[$\3 MFA1AD&$>%%KI9UF.69&F>I"$1:*"Z2Q9-0R+/(@;Q?^&7@-\Z$Z?F1,_"6% M'2<_\/?3_BB:&%&W8VH.9$''V
6X#!QO+JO.=OQ=('+_ :+QD&3?/^954Y4J* M%W*E_[+]J+]*K[_?2Z[5W9O==K>1W2_H@_DJ5G^3=']S;.V5>$'2B#*<%9QK MSSHEVL<6,>9Q+&*6923*
(XAG[<,&U,9]$*4P%JL133L7?'J,8#]\Y0>U=,V= MYTJKDY8GU#!U^&W#UA4R?"'-F#\W_C)@/+GYCD5,&@<R*C'88(+5W.-J/'U_MG;RAWS)(W2Y+.OC\?
W:7%_L^+9D2VG86%7RE;S?2-[\?I%*F<=QDF*ID&:0 M:2ZWI3GSO]+E3D*CAV[VX87)X<3IMQ>*Z6_RN57B1K6D:.MC44>><7B%CGA$ M+9-7J_ F%=
(O9K?;^HQ<7H27M|'F&QKC[6 .;=?[_2V1YKO;_?KGYE^&=62^8FC/,#IP_&>81IWDG=JIV^=^3S!=-M;/.'?C(_VQ^7;^CCF_$'M!/AG54KGX^^=+0'YT -B^6IL37D^Z>A,59%?N4
M(#_6^1/2@@>\WY0KDTGY3M)*QEO?VSHW:%$$&8IX&.$@+S)&,6.(PBT2(94@B M0I*HB MF&|(^26%BZ[6F51#&2T-;<0U;?MXWVESR8=HI-
PR4&1QT&I!F*+IY^;+7HXR'8_/CC\0;@>T9IL2:NJ M5&63AKU6'[9?Y$8K;.VVM@:]K>HZ!_*ZJN2VTCHFD@5+(\QEG&"M56)TS 6TB]!>Q+NIC8]Z7HTMI8S|$&AFPW5K'##
M2V7^7;.);CY1G|'61+KY0E>H28,Y<%_!%/1EIP@,X4\$^PP]5MS@1M4VYM, M=+W1T-_*YOK^PVYKRGA%'47]1C?BJ@NF/IC+?IPDGLZI9#Y]5JH^EH2I4"'+QW#[_D MLJDB?
OG%*/.W]!?UIOMC=SJWU0\\=YO6X1T.%]AC;M:|ZNZ|QVVWKSF!]IK4 MSIVK@NFQ M7W_98FI*!0TM-W\UMRE0U5IEFVIU>K6M5>_-%[I]29?
E4^&B8)3F61S@A*K4!$X9+B)58%7D81PD+(EA_4 F MYG=BA6FX1S5'5Z@GP!7J1-"6$C4YKZT0=;IE+4;SE*DD;**P_>?101B3&V_$ M:4L.87IVZN^"G4;^@=XP3'?
-_"\?K.QG@MS3L3 UM[,>(#-!_ BHF8OLA4D6 MU[NMMO;UZ?=]?4?+U:*(4A5R?9I$BF:8D(ABEE*&PSAB]>\!'HO<*5_B$;&) MCX'>E?F.;Y^E$B5OKFX:Z19!Z5&T@$D*%V
4Y3.XKNG#IR1S7<6P&,RSW.A M?T;8LW?SYS[OT'4JS()#FYDX;%L-,9%%69KF6$AF2M=9AEG,<[UWLRQ+2*A8 M9%6Z?I[$Q!LV_"4+CAL1Q2&@]-I5,9#Q9?+"MN8I\1TZ3AU6EY
PZF+Y7;+ M:?8)>,ZS-U^!$0UVF3C\X7Y.I0<;/>DP-?Q*N3/YBNE9~W*RYE^)JOT,T3PG-_M%\L%4 MQ[%H#DKCE(SV&N-%=W4!51FD,88D&A 79QZ:C9=,8W
>15G,,2]2B4D:2ZTQ4H(YR6)%4A&+R+I']@BMR5-7 M#M3K<1;F=K5E ''1.H*7Q06V/Q2 -]_# -#AHG#$D '>^_A!QO+3M(_/-(%.N M3 75X%<<#=KE])^+0[>C(''O-=;|]}_E]H.Z
MH=_UOYJ$YX^F\=)Z=;W=;D]VV]9YKNOW6I#U:JN%TJO?=FVU%R(-"L5(@1-I M\O?3/,"4,H+S4:(1Y%F>8/M#W/S#X9K?(_XKDMVX%&GV_M%;L Y3-B#;5/G@+<=DFYJB]
[ULH$/SW_*-^H5?G6^,6$<=[_XBHQ.! MZBF@ZIN[6>.P<$T=I.'Pl%1G')*GUZM8D9;V2;'N]$B_I2 6G4E$EA^,"6Y2UM M\B@9SX*PH#&.B=++>6!!IVR;+
(ESDC*NPX*'2WABH_Y4=8UK3P^]+HK4ME%;:FZRS?N_:0O1%R31;J',4BQ#3C%1*L=4 M29/%G:5A$$@E$@4S4/PP-KD!T]7OF'8;,;3<,8/FVIS=@=^?.CRL)XP6=>^[M%ILTF9+?
X>T7W@\'>*>F)KUD/<+Y&,CP//J\-NSWE0+R]+F,T]-MY/ZPU+ MA=OG9+2_VJE05K?!^/\#8@;$&+BS.?74;/<9PG28))% 6R4+D0+ 0%E;=ISA,D/N(#&!ZV MP,TRY.L7#6
8]XCX%3KA73(S&VLOK*\)07'>J*D!!$\BH8!'X4?D1ZF__M$E]!W\H/ZE}(TM"@R\|!5IEH.]-4I-4-P'+\6BH$@&,I+AOL7;>0ABB6E!"_X+ MRB@/T50DUKDF!F0G=M,/C)CI"
!IG!54U+_4/:VX0K]FQ/Y@!R{};-/@!=,< M/;@^*'3@ C5LU#]LH'HY'53VILTTD+E9/-Z@ UE%< 0&C"7 8K/94'-!^Z;5 MP]/.U_UWZU7=.NY5:9KYKT35%1N],AU>-_J+S8,LS7.FL%
LTH96)C"E(L-I M%&H%&QBH'OC"$YH4779YW9+GIXX=M%W_?"Y)9)KY.NZ@>-H?#@S,NEO< 7|\=RY8 M">|>O%WQC;ETU)NR_F^YVK>#[H=2Y6%1.F3-HB%:7Z;<\R"-
,*9B$06%ED2 M4JM>CW;D)CYR.P;03QT+/YMDZA/,[*Z1M;UC0:A'N/_B%QB8DGD>3:,% 8 MN#DHEV.$\)DSL11[P2"P6FHI%$ GHO&+=&7[FD&>)C'-<"%Y@DO .
MYTDJS6VQ4BK-&1&@QC:NC$RL+O5W*IM^('>-J)UQ-@=,,.UYT5!NP]KSCN7N M@_,,@[EK-G[XT=Q]L'P,YSY:SW&LP>[NCFX>ZL3?E]JK*K&(-U;+1)M>CAA-T MQ IP#
($MH'8*;PJ88-K*]%HP8 $? U(L"6[+S$ (!@/&G^#WW>3;NT8[.D MJ+M"/=2#!]J KXDZ[#8;K<++V817)152P,.99D%,M642,69AJ5Y$PIA3C1!49
M+&D.0G[RU+A>CZSZ|K>9=@=*9[+.>$]IUZF0HIF(K>3;1FNWNX.@+I"AUXF20X MY0*")RT#(CVKIG$!Y;&V<5K#3>-<+Y?K;V,4ZIOUYM5ZQ[9]M[SFO"Z>^22Y
M++'^:$^IE0W.19JDD,DEP$?-0*QJ>XD)RBC,B>1HE-&1*+%;RMNX=,6_3@)BP MVDY%LYV>L&*]M?8L(;WC$6\.[^5:OP2@\H$!,*=|_/E-JZ^)8D.-*,0.7"M
MU6,J,.I0RY#'Z?,N./@:*P^B/>^|>!=8G@R"=UK$(1)^TZ,A7MJJKZP^[KM. M("E)6%##$.$Z+ LX#' AJ,2YS.*"],U!+&!TH.W1-.8^2 M18S;A^S T;D8@/"V#[$=XQ>GX+!4Z1Z3*JA
/799^>+2X^Q?Q2.'OVPPT#X M\O;++JU^KV1C6&D/HVOZ;IKQ'H\YI#'+(\(DSD2189*K$+,.,!)A+12E5,@D) ML9X%##R \L7*J6<%KA34S79Y77<5ZX TNS[OYEEWN1)<+>V)K52?8-
YF/_V?O2#GWAXU_RY- <.HI;WXF((^S"(,11%FIU*D2!\RG, MY*3!_FJOZ,#%T>AJ[+.5<0;<)OJ&!!O9&47$PLRSA M@03R?,.D&L1+3<-T=X%KVX/J134CX^1=?
43R(S((Q.ZN%9HS<000{CMF!GG3, M:.TF?/<2K|HO;)QJOY!PA45L#.G$R_QN^T)ZQ*[1GK:XB0R?]S:Y0RZ'YB^$1IB[<7X]= M-ID%:IBRF19E>
WUI0CY*J5VYF/>BNI+X7I26'WQ@B[UU4T0O2OI.6Y0U50& M_5:NRKO=OM.[U4ZG]HTR-0(58L\S2)A!@*)+)28Y#'!-%0.JS 7(E=)1 +K M\:F7LS-
UGEIW.;5O=;|>H>/VIU==35W+Z/ZC5W5Y(HHF=(AT5&M"L>A9CQ0IOKDN9$?RQ+HKBKP+"SU6W(6FV] MXV1+V/FS+R78[&G"S&PK\.PL.F^ ^.P*,. ^;HE.BR5,U?RP,-
I;E=/"Z69%3@(KR&)T M1V7 0G18=#:+T%W@O@5XP2IPG?Y&ZL_194VSJ9)L+Q&**)*,T!#31&K-'9,"_M%R((,0]25BBMTTF1V&KNF*=*2W@+&TIU986+|84:[&{4)\7;U
M66K^A;$BM*^6RS +!-:4.29I4."<9S$F6I]%>1'1A(-N7X?)S>*;':A?F1(9 M)K7-6XJN_=ZW-2RX,X*?75C''RHN7I8S(.!@CIV#8"?XX=&/Y ME-O&?T/+S5_1 M!+
&?H/T(%]QIXY=ACJ!R<.V!S!*=KO;F^1 \W\O,NH11G],TM'/2D9/&WN8 MU]S[VDKLQ0:]B&?N52K2OM0&Q9P&@2AD!#+X/?(V\0;?X;16]$!RZCC&'%QOX!H9MH&,A<^7:;=AGND5P733%&_G]4H,(,TH"X].
M;@(X?=6$>N1LW@)2_Y_^J3:=@(1K,.:K7.W]<70O30]"/A_^H]Q^>;FKMFO] M=3T85#'-61;'F,F08B(%PP6A6E/G>2""0H8D!,W>M*0[>9BFY]*9Z-CQ@;YI M1E#'B8UMH'((({
$]Q;DL:,Z<|_!',73X_1<3>%8JIM MZT-N?[5?7;_$)UG)S5=9W>A%ZZ@ERV6FGP]PFL2Z*P]!P;$8XT#?!H>>:[-I]_H=F=&[+|;EZKF">5Q MP 4N5"8QR<("TY2$.*W#S)=+
[19C|HM,)T$^AL-7BO>XD .AYC,/SA9G'F:\'V0> ^2.;2#NB;@8=G MTSGC O3UCL6G'2 2A9G*!,!#8OO.N/'ENS4VE)-#M7T +DO]B-6TS3 M8'&Y4ME^D7O%TH(~7[0 2"!8@TK+_9-
^81U/0W;D@[M'5 ^@HR=P76QO#-.V!>RGPG@N6WS.8%\M=FM^0F/^)LWGQ#S9F_GLAR\(&%SVE[#:*Q)90CF6N0PP">,84O9HGTG,+441 MTZ2P2U0^O?P+*^:+Z$11V&\]=0(?
8L)5L;@F"3T3PF1U8/6-JX!/!3N8% M/OW4=&/I],FZD53I+_@BS G/%(^PDCS$1+ 4%W&181F%F>DS02)EU4S"C?S$ MVQ$Z^.O F/H.CW,QWV,.9%T.6E _.!#]CZ1S
W.>D706H\$xd.XI)AX6TO46 M_>$&TCT5Y&4@W8E5'(K*19+,P!{?-^MN3&-A[fOZX.3*)=)0F*LBB#&)#] M@"B444<:>O4U!-&XEO4D.$R=GI'9I8)\0'A M_;@?$!RKQX%? %C-
^+AD0Q7C T_/5R\^+L)1M;C%QUV3DVIW3VZ\U0^/|+-824-M0@@5X2"6$I-<.VQYR"A.8Y4$7!4I"RDL"_F8P,2\^6'O[Y[A<,";>32#$?7
M_^WH(VH8@&88/X)'4<8R)E),BC##)$U"3&5"L.*QMJ[35 2*PB8)70*0T_"@ M)ICD$D9Z@H:=(WN)A# =?*#4R.M=%HM!**58XR+*"QI'B11#!4IDM
M^4^LK3H^#E7/-2>EK:D$1)NQTZ"#VPKGX'FH3>&9*+A7V#AO24GV]*=..3\9 M;?3%&7H EZ3>#Y_I9KJ823,.4L"(.0LRQ/.(DS;>K(4. TS=) \4D8B55]
MH2L#SY7&@^Z'TE#\8&NG9Z9$#*9NAK)Y&G:>*YUG%(QI\WG.D_\1$GI&P,';_MZ!E?Y\)*_I_RMHXAM6Y\+@I.9&)F%@$*29)P3./<7(M))D*1YAD#U6:=H3.Q MAFD\B4_2-
#"KS^],NF.%_":0|'2(!&!0/Z+R/,7@-MIT4)6|A]YN-N&_7CI@VQU-KB^JYN)ZKV/WU5?BV%7(G]|>I;-YMNJH6(XUB$ M:8(EB_463F6*&8TD#O,@*B(ALDA:-
?}TYF#BS;VGC&]&KE###DFG#:!VK,2=%)8O>[E0 T5]%ZP M^GP5OY=#<%02[&$YMXC!:Z4D-V,MWZ[X^LY49LVNY], UU>+LOZ2U]GE>\U-
MM++JMS[/4G]136%*%$]99@$.91YA(GE].AN$..)QPFBNXH)+2 #A4H8F/EWJ M?GO[=(S59I++307>L-MK'M>>>\/?+HXP)ZK-LZ3C#+#6LU;W_#7/HF+NKMG"H
MQV!CS%ZAED=_<09?.'D*.US,SJO1'"%_@/0Y*>%O735&^E!N7M/KR<,.VP0_Q MXN'W2HJWJWT<|!KP5B<]+&C*&,U.\EF0Y)@HF> B8AS+(DCBC,9<< ZIU;,G M#5)^\(^S0@RG*
WR_6W]NGP>+A'.+ ![4X$ 9.V4W31XP=3:'JJ."\0>T$^& M$6V1_0Q##:R_X !XTE0 PK(J)#@@Cf6/PPI3ZYE|(9{@421%%N$BI2:,,] [F M&(E-/P6:QD5 0V(WA-*=A8F-KCEU#+"|
<5{L)MW]XME:B?PY?KN?B._F/D'G<=H M!H8?#P9?%$$:%9D0.,I5;3F%16)&WW*<%#0#.T:H80K5>6V@<,_?_I]>X?*5I7LA-_,F M[?]!
{DD.KZ=EW33G7S9ZQ8|U0OW>XU';C:0]59A1PC"AB=:,&B9)8:C7(E0PS M&>2P]L 35" ';SZDP\.#FM',L@*[B*63L5-*%TL+43$T,-=0F|>(&I/&D!4Y1 MF'5G#XCX>+<.?12V ZO-
=M%=|.WH\@-;EK>U;?2FK#A=FDN]KBEYIR(>'9"'' MY0.<5Q$IB9E8J9Q@H$9RP0C'"9"6I51W@Q)Q/;*SW>T(&Y*]2P5]HH[O? MV^WQR[$?U@2S(@K3%Q-P)
[%$O&$SI'TTD9|FT'\Z;W+Z<^BF[S!UAD?PLZ MC%:WI;M:]KK;EG39PWJPWO2\VD]_UT6Z(O'SYR4^|R"U9Y@<@TV%08]_M"@&.NUYI=_Q7O:)>P,^&'G&]H6HK7 MW^^U@RA?
MEUPF_.[MZNO MLMH:Y7U#O[_4/RBW9G)=FX?4)0GV6O(MEE4DH4YH7F 2AWJ@]"+_@(@_R MJ% BM-JH%W$QRT;N)4DN#Z3K3@ZBJQ?GO MUY8!Z,M>S+BM-

O<,&VR[U!WX*E.H&RY0IJM?=[D_FWT.)L#6'BSOTD!OK 5 MH&^@G7H&.@-DT5$0OO;L_0:=Q3_5C=!]L0OF.WSXMM)J]4MYW[43JEX\O*=W MS1A>[08GBAXC8OPD92G[,C!NG-
/T?"1OR3,R6L'G1TYW9L6?+? MMZURV0] UM[CF]U*5":AJ^GQ\W*]JK.;'3?GUDMZ7V[ILOQOH[\:EA9AH%]" M3A0684Q,9\|<4Y(%F(I$A46N)"<%R
7TQ=G$ZN7ZS>^O7B)93^$!NHW>L+=T M-9\#49A6VO-4!Y-JKE"=0=IV$^LSIGW7 VM[_>71D?4-ER_GUQM?\SK,ON%\ MXF1[)P!3J9*+Q?4WNA$W=[>_R>V7M3C_,#FM(VRFR
M(8F'59(G88'*Y:F4\'W0HI'&DT4T M+^(XE2R,(=5OMH1!>]1U>)TIL>AHHY9X5=^PP"P/:S3M#(LI, ('H@P"29U M4]&KDW#5:*&?&D_[?&0/;"U ,?!D#%B3G?
6LAX+Q^"@'/P_J6\VU 1XKS>; M%P]O5Z+..;]ID\].$9W9(T3>WTCV7;88,]:+M7F'YH.[JT/[-/RCY^8%\J M-FQ+6TC<)@IY.KB'Q',ZM4\N.-N1/21._[P>_!S\:NHZ_B4-WJ^WTC0*B8(X
M:&MP@IC$:500S'EH,FR4P'DN8OW/)(AH3#):6(4'!FA,O 4-T7]&-=FZM8TA M;'^!<0Z7\7L?#]+"=MXI01TJLLY);'\AXT%RM^L6-P1 =RDCL@WT')3S[I^\?";I&;\@7G%;S;ROW9RQ1_J
'R>1D+PF&(1 M*.T'J"#$- X3'$HB!..%+)A51A^ YL3ZIT<6[>DZ75_8X&=G^7M&!::GG ! M&_8 $3W9]#849S7G 1 \MN0AC*-#5.JM%X9RW!M6\:T+ZKA.6$)5PSGBA>8
MD"#&>1PP'''2*"95D<96H[0OY&-BI7'@S*$@$#BH^](W,FX*S80S3 W](T%L M;WO-!+6;?38QY"!#S@-0 \;>):O/9A!Z@*!O-/I8SL%Q);_DC:DJC*E*2.NN MR"#*2)8*'# S6\;T.*
(!"3$+5)C1C*:97;G; (V)SP!#M/-F1.W-$)PX\[@ M8N&X7BXM3!.?$M3%<3TC,0?%IAZNA01ZVT* M$W0@MJT7:AQ6_9>#GVJY_"S;&B9JM\.!3SE&J^1^RO/VB;9AK
M4XQU*S_).UJN-(GZES=RXZ:3R##$S"F!4/;,KPU&88PS>$5/G@$S D%7\$P M&/%YXV).P#P)D;FMXMAP?_6UW*Q7M66YK.M!/ZZ7)7]8!#%7/(@3;+I'8Y)K
M*Z00*L4Q8YP4>22C!*1^SA&:W.KHD6VJ'$5HA@ 2SK/XF2G.'Q(#S4N^H+7 M)*]00Q3]T?YWDM9>8Z+ZZD)_CLR\W>5'A'W2-7[L_#$E;>KJM2?;*_MZ^5*
M:7H#\7>6\]4L5YGNN]H21UV*1T>^+LXT/$AA=JSGF6% L9U2/FS6GRT#!"!L M/R$$\IC;(?1[)3^HKD]!M:!22HZ7 MG_C T<3,V+L].=@Q\P@)N\/%73[8-
C6BK7NBS7.>G);.TRGR:/%9SX[3@CT^ M,4G MWFA]@I"Z\2N+Y,-MLGZM!QBU2?D@Q2\7R*G:R4[1%Y@>?HY<0;KSI\| M-&-!^3F&CRO%SW[*H4!)_.?-
VERB7=]MK:N2>L],O,DUJ5W7D&-=7^/*5=6V M"FP&00,JD_JBCEO$KE+"MOMY Y_] M$%I5FK'(') 99HE,,1$IQ456I%@&62HRE07:-+V\%<(LQ^>Y>G\?C0^L#E;?
M&,#VW3GQ/1Y!$ $G[7(PYS$&$=JNMX&7#.%K((-US M]KD%?G:[W2\FT+-V#X8A;F81M^2OCBYA_6U]>VD]*0 +@K.J 7L 'BL#P)-P MJ[=WJ?NIZ8CY +2!SZ\P\;D-
,1$A]KBTPZNYNWM]N67U>W'5;7Z*UV^77W>W=TU"U?;U0U;OEEOKN^7 M;/FW36M VOJCT(6G=EIO;S?RUG1 ?OG%E*J:@^:C_KQQ\NK:A\=)RETINNEQ M<[W4IY-
)9]7?;5/H7.GO_?UZLZV[4R(C&7V\!>H238 ?#'X/%L[RE*\ >,H_ M!_H>W8:+X'3SZ<'4YG/\78$XB@XX+^*:U?GYCBZ7+W95N9)5M4B+M%"LT*C+ M), DYCG.DX28/B1Y$0K./?
\71V9&5;WE9%.U@OUY_E M4G*]8%M:#8AGG'IVAD@&7>ESMR6,6LK@J,9)N<=]EDM%AND.5VE!?L.02$ZN
MP=%X%A6J@OZR3C.ZWDK4I7<.&^_K]:LDINO[1%A.$$_U;R@^&=@ M+J8-BG;>L"=L8/O7$&VBY5H16*"#!D+$7VWTCI!Z7E::)T7^6SKK(%' MW+:Z6;6VI/8]\LW(H4_2;
99O9*B:8U?+5)>1!'C(9:,Z7W/\A@SEF>82!DR M4L2L8 J6(V-+>O),F0.I^B+HXVYSK]=H_O'M2\F_H(XI]$V;-&;2EG'=8=K M&F@[U3 %>#]\?GU2]2-:;Y"882#X@KMV4('ONK(6,?
9%=KSYD^)0,'PI%&L MR#A\Y"-]J.-F9I[NWUI(RV4 MN5LS>7J*8))&!+-(4ISR1&9AP!.2Y1!3Y'*6IK98#'7,#/E'F3 ''DU;[/[G M6CY1,_'"JHQRJO=EI]GF?0M G5<#^\+R!;QP?
0%@!>@/,T^JT0-#LRI-?P ^ M5J<>5_8U+N6ZJG9W][42-X.07M(E-Y<1Y>KV]&@%TSK!1%C?K5>WIO'$)[G= M;58?5LU\[$4:*D;RD.,@Y%H-$YI@)K2#F%">)3O3))("9AE.S?
+D%F5''FUJ MNDAKB'O] 40=)HI/__Y(+G-6Y)@FI,"DB 0N1)%@'E$:*%'$H00-^?R1WIY+ MTDOW[@QU;,BC3R:E;*W0I_W;-%(YS8>?_&W:';(_TCN"'<&GQ_OTN&^&!/;X
M/S_[YPIY>]D>A@1-\P8F&R[DF=UG'DHT#?CCPXPFH@N_^>Q<^0_JKV]?-ZMI MMZ\W;+H9#40)#PN92YQ'DF%"TP#GH?XG9Y&0*J5*!5:SD^Q)3NU3M4R8+:_9
M:/=Y';/H<3(Z7L@5S_'[9/\H 7V>YP7(_I+9/U!N5\UV@/FY;8;)/'#G;+G0 M;#?/,,'ZI_)^&:LD[GVN=R?=3?@B_:=_O EN5M_46IWNQ,E[G?RE5YM[MK M73HS].;MZD:_?DW23?50O!
<9@$/<$:C$!-&8EP$<8!)(',2Q1E+%+55I%XX MFEC/-DF2LF,2W;=".A0\8K>P)GCA\YL1Y)76/HGEM^%G:.$Q2]7G1-3?=1>R49NRV:<4_?31:$RD5$>XS1/$DS" ME.-
",'V^)07C&1'&70!&E;PR./5QUU82&JMO73<AWVN=[_MPFLP:!)_05__+(W=[!G$G!/!'>FH>/U@MU<+=ULZ$I[21]6LDU'"W,N$D9C MG,1,:&7-8ISK;P&.2"[BB O*
(E#;50#M&:_,]S>QA\NW*]3R@S1#7B[$3^)[MT69^D_"/<30]!8GD)/;C$Y9-.NIC+P^\K45;< MU#H937@7?1S!-K$"88>3). M^]DFGEC#,C3PQ'X1-]7T[NV;#V]77_4AMMX\M-M
H1EBL18QE)I!102S)(X MPEF0)%%"%&<%:-3)"1H3&SA[:NBK21 7R/1=N$6&$9C^. 6/G9:X4&B8+C#$ MT$%HWYM]0!9/6_H4A5DW[H"(C[?GT$?=-N%+
[0R5VS>4USO]U=H,-5I$:1RF M>9!@[2V9)AT\PLPX(H&*DB G12!R4$W1*2(3;\.&).IHHC\:JL DVY/HV&W" M2V6&[4*PN."-."2/IYUXDL2L6W%(R,=[:B46!4D:"5 HQ2]<+K7+:S-
%;#TA M9'8*SB\0,'57+W^%?M-FJ5SJW\CUSF/TUUXR3XK/@N"L:M >@,=*$? D/-&C M7:XV>ZKK[793LMVVKK->O]>"K5=;+>2RIMNT.GA4GA^;$B0F QQG.<'' M2FU0'4>\%H*'+]
(AC.N34>B"GU*Y"'%+$N#E+-090FS/2I.K#^+B=C,F][3 MM-5RM#' MW%STOZS7XENY7"Y$D18!#Q7.DS3!))**ZJ"*$T*F"/>+3VYN]T1 M@CF.>\EY%-$@UAI1LV$N"3-F1E7&.
(^58GFJ3* >XE&[R.V@%"^4VLXI=I$% MIOE&Q0"[NX]Y]N34[I>=U75]+,QC!_7)[UVFM[+MVU6UW=1:_$:N]&-2:).A MB%A2A#@-S=UYJA5"D4((8H.5%%'%C+Q]"0R MX[;#Y?+"-
M%DHD(&O%XJLNN05Z#HP#FO0U(-SGH]^>",\UZ'&#^>^3KX28=* M3VJ*HU[?E97)4/[4-?1I[A>]J!8IXH[8H0*7%.8X&3B(D@+!3)0_L* MST%2$^L70]S4X,F6/-IT]!%O& 4*PYC-
JYQ_"$!TSPS@@"HU/0&AF.%ICLH ML.I,*SF'JC*'%YBO&M-*D*,J3+LG+AC4:S(9-_*+J;/X*IMHSM/R>E-$ORG7 MF\]R\[7DTE305PT/UYO2),J\VFWTGTVAO?[P!W5#OR]R$7
51R$V<7I,6)SB MG.4%CN."TRA3.9>I0UKBQ&Q;[9N+$QE-,XU[PQNJ&N80U]S]^E.S<7YVF"$\ MX8NT@SP]PCY'*4_([?S3F*>'_N1 YQG(.I3O-Y5Y="5J'H]K;]ZO5ST^
M%H2R@@FM^0-:F&XGD<0L"1F6@92*IF&1,VM;&$!W8L.X7YO8J)!'!6[OS3CD MGG(%'H#P!TWFB>"#*9D?Q"T ,7OTZ#F6.+N#3U8"3L<@Z%"=!RN;)O_I(NV^D\=7?+
[Z5V%B.:QX+&.%1!@$F:"IPGG&H3.\L#GF1) MGEHU'1PB,K$:W9-%/;KH#T,9D&QQ%J%Q]>A#;I@NG%AD>QWG0W0WA>8$ 4AW MC$!^!3>8?)T9WR
1?,DP))/N1$V2TTG_\$$NS(=8(] M>;$5\UGRW:9N7=E^;_,T2.(BE[@@<:)-&1KA(DX5EEQ;-$HDBL>QHRGSF-:, M]HRS)?,4GX 6B@0,\R U'359@ NF%,X%)2K+L[R@P%E5GA!R2I\
[,H,.U%VG MT@W@!C8#+\'B EL0 L(E!N$Y\?Q;A4\H/9=I>$[D ?OP[".7-"'?3X]M&F>] MEX^+3%0D5$Q8@F5FTE2DD'I[2Q.ICUDL590'TDH'PLA.G;+2M8[^H'J#BKL.
M=9H;E_;:HU".6XG3 33 $/8U",>+BEY J#ETI#<)VH7-B7W@)YCAW);$*RZ ME(\N]@R=RFT%/-VMW/II-WOR==UK5,K/6[W6AWKB1'OJ PS%LXM,K!<[NJ@F
MC!K*,+OGO/QV5H\7T8$:;ZP57\/&!#;0J+">+*#S=&:U?T;%?6S]C#_@VH69 M;0_FU/576BZ-#GBSWIA\NG8"''TT8ST.%:42UH15'5.ZQ@^ M#HV)K27VUFMXG.+,
[8.M(7C:$=C^45>%<;^1O&QLT2AGL8J3"(>IY,8E$I@F M/-&*0H@\3 JM(:R*B$\M/K$*Z)."[NX> K;;V$TNZ'ZU$,EA0S[EW=O.ZRT] M\Q9[*M33O73B,XZ-(&552?
GA7F[J06O'];J]\0KOM>E]\TTNO\K?UJOMEVJ1 M)&G*$I;B6*6YV6 Y+N)8X41DB@1IQE-8):HK(Q-OQCU#3?GW^1$D9@*)"4MH ME[%A#S7\
1M/NKX.N]T^!\@PS=!P9,SW(YR/&MMNUXA)#70IKNK1+H/]R>%= M+B_$Q%2%83YIJ7KJ>F];[N%ES*47U1@O84=&62)W]UV;BK&ZO
M^;;\6ELKBX!E>2&4Q&'&3,.!@&"6Q@3'A>1)SGG(].*@2Q0@!Y-?K+PT35XH MWZ)EASZZ;]B"*3 HLG9Z:T*T8.JJ8P29K8%^VBM_[77\W.;T[OE!!X;\:2M'
M)#PI*2CU6763(S2/59+K,@XW/$U:<6^XU_.3?VJER]*;^V,^'R M5,DTC@N<\T!KJ<",42P2K:JR+,D9"X(DMQHS-0%O4T=-VJ3Y#_U9<1W#Z.1O MQR;)&=:AH_U\OU"+RZCG>TW
^.W_F6\(<'V?&_*\9;L6=X8[#YM&DR'+MT\ M4YSO9FX:J(ZN[R8B 3]8Z[.Z-^5X@)K^]C<[67).0R'U:#K0GSJ,49NF/98L-JM>"ZI>78 ?/^0FAA-VD/W 2-H?1A,C MZG;@3(,LZ$"Y
)>!0\-EU=D.A@M$[BO_2Y9QC.$T19NF;+XZKJ1O5YDF'(B6&[^$*!Y1F,$)U;A7?6PH0^,R8PA91F$\2@_,.K2 M$WV"#];P7P%4<;(S1LUL13^29C$]CFWW?T?
LKS]LI7B^JOT#B*B@Q4Q#A. M@,?* O#DY:-6'Q%[U=LID.A1ABL4S@!<- M6;7'88(IJQ;$GVW,JCTP0W-6 :O PU O:?6EOE)%
(';N,"DB"+,@D#@(!5%%O&@H*%UP3>4^,1*R;"#CO@Y/Z['\(1J MI@!5*V"PQ^-.4T((TT@_'GKVL:8I470+-/E&$Q1BO.-;D27#_-V)>1W*6[6;ZMJI]5>4^A>5Z-4"RXCQ4G*<$"E]D"3
MC.$BR+3F#M,L"O*,!@PTWQ) >VH;LN$$[=."6EY,+E[#S?];M8T7KE##$=" M!,!L:3U. Q[0=/2(&]QNA"/@RV@$4)[78H1#\L1<=%C"L2Q1*6GRBMKVL#?T MN[%#/TDC:
[ELTKWK./NU^,]=M:U#ZHL@U)XK#RDF69%CPLU$H+C(<)++G 9$ MI30/'?ISN_!BM:TN;KK=7!/1]DKM-%+ 2L@7: N IXEBL8XD,2T0I<%IBHE M6&5)F <%D4J!:DHFP_C2>^+G
-=.R4\-&4S;[[GIFG%H?NJ@ #KFZ*I-#;WN MX^H];')-KYJ6%U8F+>\]0*0GE2^7K(6/)QPG?Y2)._76VGN4:,@(>WM79@E MO BIPER)%!.:!#CG,<,LSB.JE5)$E%4P1(6SONY[#
M9=S!]R M3&&<$M2AI=LYB>V=<@^2N_G>H%<- M^^CEUR=6Y69A%G/*DP1'4FI3*. 1+LP83A46691*$F74:AB *P-S7J%,7?,' M!A]^F_*\-7Z/[E-FJ^QS16'"FY0?
KY+/%9RAVY09*O>NC2]^HY^MFZ2S@@1Y MD3.LHE1[P,H, HXHQW$19F&@(D&%5=+NR=4GUC']3A]-=QM6=[CCZW[X)C>+YJ_H,,[_5\B3I5ZCW5/@FD(_UIE.WTC3-V,&72D]-7
MH_E!"3PI@^.U9]WI)\5ZO(U/?\C!2=&2Q_5B^U;S+$Z+5.(BR[5W$NK=R2@3 M.,AHDJ4W&RDN*'?>TG@BSQA+#$M MAV,9Z$ZPMW/!&445B)ZVM##M&;=UU9B/][>=@_!S>]7
MLI['4'Z5?Z'EZK.VFFK?T734-5<4'X['D+[^OC5_84OY>J6-K$UM8[U?;TT: MY'*MG/!PP?&48]S$_9&>]Z18=[>_)[BS8[])L_\OJ 6R_^YK\K> MV7KF5^;FKSW3JP/Y@!,".^!&3D%U-
D]T0LCZSNR49%Q"8$=7=%'1&HHDSO- M:A>8%DIADH:AZ3618U5$*0U,IZ8 $ D[26/J@%CO\O95?7D;%9 TFE<;")D M%TL+#)2=$-0I9'9:8DCD[&+)'0-H3@@
8VJ#L@V&UDX_.6.$;9#UXT#;\$<= M/7E:?;E>"?,?DX#ZE2[-==LG66TW)=]*$)3T.7])V/U?9;; M[5*VF=XDHP4C,>9Q*DVF-\W9J[&&6KQ^T MABSD"RG,9TG[@>+
(XO:T)/S8^7TEV@8"4KS^SF55MWU MK_!W13H>0 01C?KK5:N3;:T'Q4Y)NB [CO[Z&Q*;8SYOK8:_2Q<#>W+D63U M;M^P(8^S((F5P"D-
M$F;F6Y'S!2L2Y:&BL9IPB);D_84@8GMU$.!G;F[?N?2 MX^(D+..ZYE)A87IF*CGM52<(J)H!33C!"<\D0Q4Q\=!ZGW)AASC.($]')P&\8) -DN M8C@-=#
%YA.U:3I@3#&I$T#XQ^M_,3BWTV$%YYE<]W*S?3"5*UOMFIF5[\U! M\EYN%TD>A@EA!S MK<,->Q; [?.PY;%7"B:%?H+2[3?F0:%ADVEF*F0Y:DHHC06BZTQWF>&;4_R MAX3-
3MOZ @.F7PRSF#S;@_=[G$L T[H;#V3MWE0KNY=0["@_RZ8;D&/+LS#\[FVPTS MWO?N1CX)TRI"EHNW7&VN=Z+4J%YOM[)J7FF=99JF<&#IRDMMZN]F) M=<(]0&,)Z+\<#
("196?9D':B=9O2\M..\]A[=8$D+)007&&5 M$X$)R5-3.IU@GA8TT3M4A@G(>G*95M[^]>Y3QORR?*S[LISPCW>
MFF<_Y[8_S;27I@/BRXT4AQ%M1:BXY/I(RW)M;Q:%Q$PD#%-51 5+,AHJT(BV MTV0FOYKLB-:E\@UE]))N-@^J"9["=N89K.SVY^4((W.4>$GJ#0>%M+3/CU# M9-
;=.BSHXST[\FFG1((Z>>J5;/[[=O7Z._]B&E+]A5:?))?E5Z.5/]*'^I** M)BQ,HHA@H>("$QGGF!5!@F60!WF<)KF*:9?E-!Z9@A&W^H8?ISW!=GE''-W2 M"FWVY'^];^B#KN)80/E.TP$
MGW,F1(/>VK2M:/^N[3YY^@N(VB_@+]X2)1S0&$ZA@"PX9W*%@Z"/TBY<5G!M MW=*K8&T2/M[+[0>E#]UK5M57LPL1@9!;/ #IUPND#UZ99_?1N754_3X"?G9'J&178,34
M2'U]:CH.:$:>.IX?Z<:8N7]T+'IMG6,-B+<&.N,49VZC8PW!TV8Z]H\Z:]^[M]>KS=LW_KK\%'S9UBP'Q5S.E]Z/^#0^H,DQ<:5MCT\PF!FN.4?BL-
8=/2,":PV#QN<%"TS58.MQ/Y4PRC%N56#+00G5(/UHR[U/J5>K5ZS^FVWW):? MMZ:GU^U#U^A1$.)3/SX;B9,*P$5B*E,@B+@,6Q;:+&"*V)K8C??_G\ M"ZK)XHZN0S^,,;S&?
5V/*,#V?D.XV>U5@P2:$ E(19 W1%P+@RY!!E@49"7K M8&W0\ HSE@A9B7)<*63WB)N)T[6C_Z!JK?C"])COMZ+O=:*O7CP4IS@/&,%2!)*J+$_"%-1'U!MG$^O(IPW]7PPV]*_0
MBX&._FXE!?[>HIT]]BSO!J:YX:]E/VCAA<-K 1MXWB'T9 ;ZXVM68]$[G(]- M2O\$W!3V)_EUO?Q:KFZ;RYXWE->C5UH#@F6%3-,LQS16VO3D08(I3S@FBBL5 MIXS1 J2$!ZE-
K%CWM+OKQ8XZ3#<. V:G[[S! --A9Q&8X'+52D1/.F:8UJQZ MPTKLQ[K [B'8_I9<+&XV0JN1U]_ORZ8[Y2MMY]GLUG//3KQ!#\30*^MIL6?E M'-
Z)/D2$;;Z;#15FZ_5G,=E*;+W[QL0:R*O5C[9[C8O#%CN[X"R[:DR<;B.- M?L[M;'POMZ:EV,?-^FLH'CQ\+L^@-^NF@0)_2ZOS=C6.N]P?W.1Y"00>63. MRCC')(HESHO4Y#(4,J,!2O)%(
-.P =4#5[E2=%BO8;CIG= K%2:Z$W#'Q=#8[,##K@>T.T.-3_(*5X#'CC_I[M]T7[ ] HM8F53D>_;KC:SMV$8[9\(<&@V=%&Z'B*D'F+Q%5"_A9>:(MJP?8GD9D?
2P*MW4^R4K[CJMM29?=#4P0)C20(:8!49C$>60"2@)SK1 CF@0R M8U8!I9.K3Z[0]O3L38:G$(S;0!<)!M4:>U(.]M!3X>RMHHHN$=+.-;%X@R# Z M*\. >?
3TF=F,I+/L]DVE\Q]R,Y@^W-?#Q%:W=;.6KKC]X>5N8Q+'%R$)LCC(M% [#),4DH@07C$LRI"S- /5%@R3FUA#[(DWK7VN]A.B'ZY0RP',GAD! MS\Y@\0<)3+=<@@;8W+
3TI,],4)L5H/!3O#'%H'E4PZ7M*;)29W?\66]U(]\ MVJZN[[;6U[0GGYYXUS9]67I4T2>YW6U6H%;V [(/[U(_8L-VIJO$L(O;0:'< MKFY/+SG?Y>V@2$?7M\.?=*PZKTV>99N^;Q:O^N58-
^M7Y7)G!GZ^5DIR;>(W MW4),BFP7T>PZUK9Y5R^H_EYPN0AXE!><4BQ5(3)D@071"B[(W/^Z-_##O$Z;C_N][E<#]_A_AE5[0#.!Y7RV\?<#4<(]U&YB,_KS-"::&
M\4DO@\D)NC:&ETIJ8UW497SO2DU5U+NH^874%.J"OD54)%E!8H4E93$FC(98 MG_0I#KF,BB(N2)9FL";Q=H2GSJ'HV.@J3WN7_]7]N'ZV\;45V+_WRS,D.(
MZQG$MM[[F<W_MR:L_GU(T+U'?NQC[J=YM=5);>?Y+9L[(U#ME&O&:RV M1DQT3BQ(1L-"VW_E:B+).LH(= MV"#X[[MJ4"![?&:"W1@HY?U=PBGFV3KCA5_9[<+)
[.;Q#I6<]P%U >G^-. M:[BIE5>MQ6!Z_ABJU2'LOZZJ?C_2:E&H- M%3'"F"M,;FA>8,E7@2 @69E+[M#2FP3QJ .F0'.77LZ7BI^[$VW%RAW@659NBH/RM0 4& 3B-&4\4()K'6X41$
M$=8NFL B"2/]HR0O8$VX)X+9<8C7>H_ITF#*^SUOS52FZ]]N$&_*-?N_FPYN M.W4_$8@P;>_O2PK6]@[R>U+V$,JSZGH'2!ZK>IG6K M?W;W2K+MF]UVMY&_E:OR;G?7?
>353BZ".,HI%1$FE,28F++X/.$4,ZIB%A$E M4@:X\W%A8?++G'8^0$<2K5?(\(4-8\APIEVEFC?4,G?XZ"O;H-$%;\#F[F5J M7*&7*C\XI) [D*FA=;W@,WD4X+3SC)<,E@A_?'ERTDN.
(:EIN MZBB@ML5>R4WYE9J[B?KPV2?Y_"9H6F+#ZM/TK@9^CAZ0:NR^GVU9I7)BO0Y0J5I$M-(]"-48>>BGO5P_HTXRL^OWLJ%:N"O4%P\U\J%C M :]0(R+:-
TS_J9,2.&CJ&;Y)=J;ZC_W]@)VG/_Q7 SYL_-G>CJ^AY?,+,._P M\V=[04^&J#\?)PYEN^7G>A._7DJ^W93\+W(EF\XLUROQ$T;'0V=.7$%8)[0C#4+DT=,GY
M:JH=A3TJO'9=8ZXP6+EZHQG\FZ2;;I$0'JJ8%%@QEF-2,(9I* (L@R3+.(UC MR:V+$R_FY@<.CEV9.(.9OF28136W4P=V^J]IJK"9(_CS1=">&?>I8VN.^,\? M9H.\AQFB;B=P\QZ
Z]/XP6-Q)^"X/"QW:E'WH:\K_15X^$2__48UW9(N*]-H M:'=_OS13O7G">.RT)Y#3#GL(GZ,Y.2W[WNBM6%6 MM62O$-TBJA>DMR8#?V!:L1N0=N$DG^! CX*6\A72M-
$Q2)_W(/UELZX\WO3: MRNMQ8.P@N=E'Q]H(?VJ(K-5S;CKA]Y7^K-KI/\5'_15IO;-"[WH19 *G9OHS M"4."BR+-,>=!E*9,"9J" NLGJ4QL9O9H(D,4Z-4. V2WP2\6&YS$4:ZTM"^T
MIZ/*;2VU"<]"<0!O[$$Y/>WFTS1FW<*#8C[>M\,?=JV\,3E.VP>SX%;K).' M?6_LA%I1+V22!6$L UR05.]:$C#,8A7@7,8T9DSI_Q.PXWN8X.2'=T>^_MYN MZ\-ISP&TKF80.;OM[\-V+
[NZ%Z=PL'[*6TGI;=ZF4%B,U?)V C^M#;&ZBEX M4.DPUZ3KB/7]]74!M1SB3A-@R &[.P+;> 3"QBP73XO#O81%7]XN(5++L,%% 2Q
M$W4@PC&RP&SA"SM!^K$)RR<<[98VFG&SON9:/6Z:F];J1$/W12*5RDPB3QHF M A,>YI@%I, %BRAG(M(FC@+5#%N3GEC-[8-]VS5J6=DG6E\^"@* L*6M,PEN
M0+O'%V1P&P@LO2]]R)[PO+81&) G=A)\!=W-VM@9=37Y1[K9 MKO2.6*A04$D3@F6NMR>1*L5Z[W)/NS9CY*R^M47S MK>T3M0_*]1DP)]E6&Z^R*:"_;YFPM^I'T1OW;
[P@XA:?? Q%;<%-^EZ(Q>UH;2!PW0UVP($M('G*<\D)A$D42%]HTP9&2>2*C2.C_66=N M7LC,Q*9,0QK1EC8RD?(-TJ=[KXS7L '(0;P4_7'=.2>F,-W:,J._JK6^0-V_
M>]Q=H9J_UH7J/"K1+_.=&7! $NB,P#LFA4[__F#YHIX0&\H?O93$?/FDGL X MRB_UM:9S@PUSV=O>]1KCW/Q_0[!N^]<=<2_JJPG#9,G+>VH:W\=I)H4(,".2 M8A(R?O?]E@$MX=P
M?2MVOO<\6 /M^BEA=NDG<2%"_MI+N#(R=[>)"P$[T7SBTA5=E2+;OEUI^[X^ MP-]I)MYNY9UV!44J II3'(5$:SQ%8ER$A<1!(H0,6%YHQ0?3>"?I3*[.V/;_
M9^_=FAS'D331O*'F3/59H$^O(7[#Y%WFIS+"LC+#.JQV;K089K)*<54C0E M967,KS\ 24F,D$3"09"1/79F=VHJ*TFX^T?!X>[P2W D&_QA"
,@N(/BZ!7+FU8X3V7F+=\KZNE^[G\:>$_6](,# \&> Y<.H,.@].]/[W@ 7=!!*"9H"FHMKU-[T.'5 M9VL4:BUHMV6H_4MNYZT9T[Y/&!0H2*3"N',A*Y2BF$Q*RE"42@WK+ M'9>>>
<;0HZYP1WQ[4Y.-Z%@V]!.'O#I>,JZIP.QL_"L9^"I0"^/O3-/..?M MSP#PC' N.I/;$]39*!"IX(4Q F,8T8B(N M0-O(GO34^2\M(X'YLOG=R.O]2Q,N,6K)=+$P7;UTE!(,
<48RA%.5(I;%*4H3(M,HCY@^]6%E M!;Y8@VP[IP($TQAIMZHD79;_K6W;>UJN@E],=]F_F)I=NF<5J76%-IK98'/@ M%CAMT]?'LM-LK_$!8'KOYNW'J[H4.CC2OPJNGR%NN+L*?
JT_BN'\+UK,U M=32_?=HD:LTU38T13'.0V--QXA*K=L)#W%1A+EB$E3@8DMX8J7^C(W:ZFH9 M"0SUJV#/2_U':*ZZ);1V*F@*P&"ZQP]6#AGN,,&]Y;Q;DITY"QX&QFE>//!] M>#;I%
[W@%VE:"&SVC3VC5$51$B,593'"N8@056&$%"W"@F&AK1IJFQYZLOK4 M"D+3"UJ"]BF&IQCT;_+1D@%W/K.;&F$%]GMY@5>?@BN GZCFPWEWW8;N=UNWNPVY4IN-N_6#
[1<+524DUS$ M#"6$8(1IG"%*"$,XB273RD"&86:K#'KH3*P6GE$.]]2#/QKB@+W4!]6PSO $ M $Q[S"*[O4;QA(&;;CF/A1\M8R%8C[[I>WLVS6,A0E<'V3P.3]KY;?58OBLW
M_*Y\D.+#N@ZL_8TN/RSIO6VZ3L\24RN:S[PW+W%.][S"U*^76[YG]OTPN:JM<%5TF6A2QK@+K1\X1DR0'(5<1$46 MYA%+">1*Y)3$Q+<>=^:5X#"3H4O_W]H2:EB\\0Q(=I'%
<:+#M$>S_E5PO6VJ M*>KA2]NU*:GI:XX(#AI>ELE3>/ ,@5D#@9<%?!GRZWG2TXSLIAEE3 J1YC1% M.,TCA,-((DH+TP CHD61,A$9Q]Y^1YXG,\NN/#-6>.2X94B_SO&"P_;DV2'*
MGKMS]LLTU6#D5^C&V2_HX+CC,=TW]XO>5?4(L*=ZX]?^T$)%2:2B5*(L323" M.%>()-J:CIE21&):*)G:-:>Y3,3J!SJF)9+ Q-&$;\@PF=IO144ZGC7@0 ML"9V->#4@_?@95$\
[;\S!&;=>Y<%?+GO>IZ$NZ]OUW1Y5]'5YG%=-8Y%Z]4D M*0E#D6"$\S1'.%-4[SHAD$Q)'O*8D[@@MC[L)2(3.[*&;/"BT$=D8N5G2!J]MB<*O)WOAH0\|:?ZGG7;F9_EG\>/>ENM
M5_I?>=W1=W-3O=4G];W\N.H^4:YX^;B4=T:5+)@4-]Q@5A>9 CS4" 62H:T MVY7()(IS BOK'\7-U(9.SV_?G*L->V;Z9N?) X?!'S6/0,4P[NO8:9#9,/>G M:CS
#59&7F#RI+7&\3*K>O,"VTL]Z&?1<873#V5=_ANITF9$:S;;\9@6N2T MR+*"452$ID>O8!@5F#!42,IBQ53&B%42MAVYB55>33PX4K\R=XA,!K>T%*W+ M8'AQ*V:^
"=TO('"TPKC47$N:"X7U#/9<(7B+U*\6^_X)=*>@?>I>BKMUS4.K?3:+/(Q)GI,(9:'27@[+(D2+ M*$.Y$BJL.0AC6!W0BYL3'YK=& J.'+5%B\U?%T%+6=FQS3;:,\<3'\X?04[
MK3(9LFXCW]Z_#?:#MZZ"*$8A:2ZK!G"^%J+N,7R__1Q?^II#&*>E)83"[.J MLC$@O51PH]9R4WMF#/V=K!YN]>_T&]W(HWI]_16:XK[=?5THTS/Q_T3HAX7 MQ$A:Q*84+4_C1)M"
(D*%B"021P[13<#! "KP.=T0.KJI&R>])6KES,JK!&0O529XU=#IXK*M@4= W-(-1@$#2CNP%+4G^V!HA=F2$"Q%
MZ>8BV+XR:J!'MS^^:8YON@A\D7Q]OS(MZ!8)SJF4L422A+%Q-E-$\B)!*HUX MD1>,TXC#FO%9T87\B)TZ[>$P^N7O?S')!/S;5?!8KO6TK(93>PTFV, 8#LSRSMH,%6XG[C1I=^.W?
#;,P0DI]^Y&0,T7V-$AAT, M%Z9A6+[L6-AS&-]]"(Z;-.BCGKIAR_*^UEUUB/S84CZ3E'*:$ZU!3#B;R0P1 M[=,A%J=$2LG)I,F,^K*LF4;][\I4]CX3JID!J]

*M($S["5DNKG>BU+^*YCX\XU%>9"1"DE/37(V$B))06T[H%Z%>;C;K_Y;@_3Q::9;M=8G^_M>Rf^O:,I8#H;OC$AEFX_A^NJ,CNR"ZK6%5-!U03CFZX9 M;K]TP^N1;X\FR%20^C)-O/;WK\DR%;PGILQDA,;5BK^35?F=FB"(Z7MO6D.T MR<0A28446"*>1)'I*VLJ4XL(A4E!<5:HD"I0KO40P8E-HD,M]9%^MJ,_6Q7Y M1?"L@S[>(_''>_K0F&#$O5:$/O@=W<]ZU-P,?R@VG MRUM-8"T^Z/|FTH^H4$E(35NG%,$B2A$K)$T1QNH^;C2;VKNZJWVCJ MNCBU3G9_1;<5NO[MBCXX=*CKAY MLQ' ,-L[JQ<=(QOE|U+(E=A4X63] M>,*E\0[B2-M/UZN3P,@&]3<GV$^C&>K+W+C0;&>K+W+C0;&>K+W+C0;\;I=:V>=SOE[JYXDP)!E\U5 M8GL_T&G?>[<^O5$XWC=\FF4Y9%B&%'|/R93*T>D8!(E61H3E>"0"]#DN/$L M3;SWVVLZ,],:*NN!:+N51CR0#X_+]9.4[6WLHWX)>.'JX6O8'M7HP,?=E4NIZ9:!31>Z4DWQZN4%_>LW;8]F<4^(/0DQ7A@:%9S0Y_+ZT4SRN M[*95W]"EB4E_2;E)[/Y)97K55N_(5DB4J4HXCQ-$=A_*E>:B-+<%ZTU=-QSLF;D*6A8=6U3U8&FGZ_P@_M! TC> _<'K*"&Y?;D>'H(S:I0A@5^]2@LWG!3 $T?_F.GN_W0FSA6&,>F1TNJ M325"(\1$'*.0AB)362(CG$ V_WDR$V_)AFBG(R2PC>X 1G:;>KSDL WM(#1X MP_;+Y&FS7B RZT:M%,3E)AUXVFV#'G,_3+MVBEW,,3K(1 -> <<#N1\ZN^WK#1#8+AZ=M4<-<:PL9O0VS[J,U\P1K"[%/QU;.O.384YOSW<,N'H/166Y_7U62+DWFX\?5 M=^W\&YHOLNXB08AD+$&,R@+A(C--U(H,95S0D O&N0"U#X$R,+%",,2:SCW- M!*_ .-@'[0ILC W%UDX]3(D8,.!Y\ ;C5=#AIYO?>!58]<9N9E]-8#"XPN2K MM364_+S-K!W!.6E? ;H. _$ZDJ4X3MU)6OU;KW>.'U3%WQO)*I&>))B=5*2SDP MI(.:]E7P8;W>KM9;P.#:/@B&+T4\20]3$7V"!W]XS0NRE-'I:J1OW=EN1BR$ MZUZ,V#SN:#34T[H.%]Y"G_HTR6*$]?8*<)1E]$A8B@BAN8RIQ"05L%*SYP0@ MOTZG.\C$&+ KT"R~<,)Z7B]2%9C@L>"WWT%'N(/;. \NIVE AL_9U)KOO/B^#KT"R^^+Q'XEG!3@Z\ M\|TJV;/U(JV?E%59+(10:_ZCO2,"C%$>36+9&$,F<9M M0Q2D=%UG;%Y"9H;B: E1&;13@A*#7C<#6^!2I$G](T-MTI]%$2$,=G_F_<<)MP@,7GQ7F4@N>FPJ8B_ 4H-?EO!N.%(VOD"OO&"F0)^ M?GW. TMLA/8\MJ27Y*L,+[$!X=((&ZMWYVX"M5[=U+/GFFR CZO-MJIMK,W- M;KLQ8[K*U7W3XV21<)Y)GDI$HB)%,,H+1$,F$NC)96_ M;SUCIRHX^*_>O K \Cl)/ROX1_#7XLJ!MG\/[?IA76W+_VZ8%O^U:^Z(/VB(M32[!K7<.5*U&O&/[ZTJ?N;?:T*R^RNH|R:5IS/RV MR30D89I3&2N[6*`3)OB2$W9CM$YW! T#;C+5)#GM@Y]_"-J2@3J.1/. MO36;2 N]AN:NK^QYS"'+P@Y<;K(YT6N=:]6NP4N M)%)I2*@*L8H*4.WU&1H3Z]^&8MT?N:89U$2!HPW.(&/GYX^4%Z8[@*+"!QI< M%L;7-(,S%.8=97!9Q),Y!CV/CKT:/,W%V;PK-WRYWNPJV98RA$K[ZK2@VHF/ MC5DD$L04Q2B.1)Z%H:0DM7+BG:A/O&G/193!JD#<.(5>Y7E&"K;=G4 :<2D' M$-,!59P-[5>Z@/ -5NUU1:&I MF1(AJ&JQF(-@B2"\7[,C#+XZ.D/)S]OSV1&S4J3 MVFK:^X),5N0%CQ6*!$L0)@BFA4$Y43E&4E5D5'K*MT^0A-KDP[HA%/T!*`MUZ[VPC4MI4V\5OI(?)^&ROI[Q.1%C1GVJ%BIKJ %BDJ6*Y0P,,TRO.DD-C*ZCE9 M>6(%U-*RVV;G8O?KES"'P!1)2\9C@L)%YOOL!?U2QU;0?SK:,?KS);C+HJQ MWR*7'X ?V==?;LQ;US^T[HL$+8Q>)"%_N1TE,GMH-S+YN=M9R$]!$Z1H"S!(L)%* BLGJ"?X.17B@?RP<;0#U#P+^%?PRAXI%7PW3!S%<3A M51C6 QMLZA'R =UMOZTKX^G\|R"L(^?XV=^ONZTO[7]XE-S47B^]J8(#WT(5 M+,.92?XM"F? OI5K/8NC-,M2IETA2*C%WY=P<84.WXZ&F?A7\K0&_PX%7 M\.QB*_X@ 3I&{]-1T[LA/04)QD@-FM4Q$[PES$0R[=@ZM?,L6L:EIH%F^9I MF|WNH>YD^]Y4FJ+4,CG,@H2M.O6U:M-'^:!-<6,C(2"%[J\6-Y@]M@$(VP,!)-RBK3?&ZG6 ME;R5M=2N/4FP7.TU3]F*&P*$(354T0%;1 ,6=)1VDT!<,*MW;X<+2UL5!X#=(+I+L!T2>=]3YVG,NB-[Q7RY"_L?A@?1WJZ7NP=6TAMU*U>K MS=/R.UV5].W-WSZ^BT@S%9(NOTAS%Z"/[K8,ZO5JM./+;C+/(A1)F(4D1!G! MQ/1 B1%)L@AQP3!+211%>6$;0O/$T\0[?<]EG07.X3.H&441"?,1:@=>#[U\ M&VZ?99/;1VM\?;/AR-DK? F8%OKG_PCV ;-7^!ANX,+9/@HH4N89OIXXF2]* MLT7)/$/3C9Y7AI^PK49HM>5I&^>W]YWJ^W3(I;<4,RU.XA#@7 <%8BD0B$;_M93''H6(QMYH\?&'}B4^>?7*Y(6E"4PU1>]5U#I$%$%$YTPB MR30D89I3&2N[6* `3)OB2$W9CM$YW! T#;C+5)#GM@Y]_"-J12

[.X@,2K+U;6"N\DZI< M21&\;482!8:/[_J?39IK/1>OYNC),9)\&4,[M\ +,E"CWR,H8"M_4&!/-OQE M.K-;Z(/BOK2_AU^`_1?UAOYIUZN:D\#&<4[,_"U*/WS(CQ*

)MA,/A:R.^)=BV9_P(\1S.^""/QKH M6+_?\^J_O*-V0[U"ZQVS_1+C[C&L6K=WJIVHTN:,QJG0V=2HB+,HCQ'$3-W M6SA5B IM!;,6%3Q-PTA)]PV$-57.,J?1:P^N39^MP.Y"?*

X+G9'RFMA#3MY'$&&M].< M U?'3A|LC9OT\X)0#WI\SD%#;BK?+!?>TN6SDJ\/DFYDI^[KL_RQO?M3+K_+ MWJ;KL;?-(HPSR=

(H1DHJ[4VG28VHGG&4\2Q-.5$BMF|A+B<_\5E6,_2R8K'F_MZ3BV27-EAL7\V_8-8T'#F;TOZP#ZL:_+90PI?>3W-$ 2>XPA2H@B(1_M[]#T!"L<%ITMGN$N<#?D,6(5-\?

F;W)CVC+N/1-".6-I@2*%8 3R;=\[5GMU8"PTM@F&G_ MXLU34/,#2&>U!G;8X)D$+M@N_BF0 J0"3X&88W*P-^1@.<-0!/JRB*W7FB^O M&"K>LTQC\,MNULG7;[22;[0!)+KI=-

>5=HCOZ[KC-T_'1UHCZ=LP7C,CUVY M?>IXO_4TK[MO='7S6/=V^[Q>?=1$JG+4_D?71^'G;NQ,_ ZG3V3\]TZJGE_D1M]%#!@ M3T'WN5;

(H):R*FCD?!8E.X9Q;6KH02MK/1K"TR*/FSX)_J$OD87_PPBS3\(_M^6>0^(+7^E/OYFK3K:QMW;YL_5#-D;(L(S"%B.9AC'.6,D1%2A&)^4X*%6(9 MIK";UO.$)K&SKK*MJ_6>YNK<,50]

9'N,C!4;JM@/AJ*GDM<[*3R MINO.$IE9^_0)>JH/>]VI[-124E8NZW0,<^.XU2M^6R_U^YM&BQS*.T.W'^^N/WW\0]=W'V\ ^-!>? MWP6?/EZ_^?CIX[W'|U^|+5UL\;3;X%-@!-

*OR'0[!?)W6,)NB\A4JK*IF,+9D MVVT/ P3CI&$,!\V""5T:RK"V.-KD:Y.);/,X*B0I&&,(44U3$A"*1AB1-4LQ# MKJQ'<[U8?.+@M]64,,,)?]I?S#P>DQ4L'V[5$@EXE;+R4#C-H:(:%;S-CB*

MT\$&:EV0H&^2ULM7YANA=8'99[.S+CWC:-3S;U+LEO)&?9;;-A/W[7]S;69H M'$W8F-$XBX0V\"6-S>B+'#&:9;@0,DIR48B<'"5;T=Y>H-!^V/K51.44,'= M-UEGD&_^+3#7%*

[=U;*$D0.FPZ7=_99 M+!-8,6.T6TNR6$S:L=\XA@4NMJX VJ?+5;@=M2?6 /&'6PQJE.Q?B%$4G)--?& M1QZ"(Q-73;\[PT>P?0<)_Z4#%AX3VK&2UGNZLB@8.QTM5 U_3=DTCM"Q'N5C*

*M'15M2/Z7-!U^>&O^8BI#;,%0!*2\)\PL+C[A,M8L3DU E4N0\|>7*65,>Y.LY MT@T.A!V3ZNS!M-,HDT $TRANZ(#5!UA23^K#GNZLZ@,,QTOU 5\'OHX6D.W M5;GBY2-*

='IV"VD2ZHS_;D>B?#L6Q/$^JU 8*4H)$"'!=*("(2*%1(]%,M<*AG,9 MV\9'G#B86)UT[?P#5T"6VKM?S,&LV7-H2#9'?_A^,SDJ+H[3C\CH/9AH)8H\3N!KO&++>305.;NZY??UL*,8:H6*

MH!:AG!41R@C+M%-:%2#ND#NEA)-<6XHL+'+KCC=2ZVK94L*<%Z+W2%7U8 MM|H*!%.9/F0!-)%QE,FQ@XR5;+ N,F<$ZK&LATWU\OOXO9YAUICSFW-_#NZ]^*

MT68BW=8^YSMIABV4]_K[F(P8VPZL?6M,O8N/I(-GM.I<,/LFK+TP|&]SGP@-MM[V.#V[S:2.,5@[5UXMC;L-N)U6[%/>]49/7VFTEQ^[@Z-G[\I8^RNEZ)-M.I/MD-ASS+E:L*+*

*{6:0$*B1+M&L5Q8@JI?^-1A%/,.-%#BFX@G,P\>8V-B>O MF3*C>L]7(7^T7=-MUXB%'"O4Z7+79#DOE^L_J1;6)"_I@T96W^5&LU/=2W&W-O>.^K^W7MRB2$*J*

MTARC/$DC4|05?B9A.$R MK#79>@USP/IXIZ]@%!.?^M@W@.WIVT/(KN6H+K*%-L2E(9Q&'P8+YF &-*

@.FD:,&HOQ_2'{f1#_^:706:H8:B8:^N@FP9\9C4X@R^K^P6. /SIKDX W22[^*^$CS(>?O|L;ZNL@UH[I^? M6,O?Tj?@^\8DS^]?!4.MIH^=?>UCEP?IAN.4+H+!]FZO3/YN#*

<\)XQ2&/"PR M6\CQ)=O=|.+)WSD4]'"^WJU,ZR?] ;Z4F[__1E>T]9T]#G"[?2]+_G3,]28$ M9Q$NL'8D$U/$$]:(Y(P@R83(A21$$>LD#1<&IC:G#BP%6MT$A]G@R%5GSB&@

M6L0%9N%2>P39S!S25BUOP1\.354!"RP!U3D38^H6+GR\;66P?3AB2]VP MA17]C "FKS#(9=GYBH=&"/VLP&C,.G"U?EL^2OU?\HM\7%)>DVG=[!VB2'B1*

M%Y0A$'!3BFY(@)2>A7P|NJWOI=E4F(4(74UE_C8JLC:.OTHJ^V3 MJ0FLO&/_V)6/AE+CF1"MF8@9,,,"2"'<4HX*DA,DJ!1)F*4AHQDD8&=++>&J5 MU1)O1NAM#[T":@8&G9UQD-

*j%=;8 "JC<1F$THOC13F#OU8\#9%^I_-$.C,OU MCY;O^YI<=KW9|!Z:ODV_FUY0=,EW2VJ,K<|RNR\V|A1DONC|'&E-|/<;-_6 M 6_]UA>3QL5(KD@BS#S3F'"*LF$*

*LQBFB8<)3%251HD=V]YF<' :_M&*K L/1.7|!_V-|QP4<C4C0_!|HG3P*,79&OSZ:0;8(A#M6P1>&_)3 MSGR;$O)AL9-P00K3YV;D,.COY[C3[6:@WH,Q1=#*

*[T9IYNIRW$4L M:)AG48ZBG&?:L4X8*F@1(*Q4#S*5;162#/0 M]!^'Z?Q^Z.Q4M3= 8!V#!9@=6@EHPKOF;&_)#R+P/"%X5CA83?O2 M6FZ_%XE]0CI=*IY=<+8+QCYQNI>-

O<_YZ'VKU[C^46X6J3XO:9IH7*"6A1#BC M"2I4&*.0J2C2SEB480Z*_IRC.O&6["1M&ZI7]8S7X]#&1KA.8N193AGK.2P M_?BB|.V=T"-,WIX0:1+.MWI.K|CX|IH68_7UO7SX.OSYZ0S?*

EYD8=+ZT^K'MC M/G^1]\8$E^+KCFU*4=+JW%4KS*WHYE M9.(M7K-FFMN|3!?0;*$#?T&70?O+F5$?8/C>:BY88?JC#]'@/+C,@G&_'5#?N*(.NF|S 57/?=RHY6>[L/.!0O=&S\MZ*

M#CD(^CO(JI)-9^4O4L@FK.0B<0BIP2%1)F^A&&$"[$XRD1:DD+%69$*0%_ "_M/EI6VV=\"({]6!CR.M=1Z:KD* TPPS41!#$9%U M4AS'F1!%'(56L]BM*%Y6[['"'<7+L M7.C3[6:@WH,Q1=#*

1VMRHFXOUA"4%&2%&4T MBQ%60B+&"$6%2@E.6*PBNRZEM@2GMAWTGP)ZH#8VF><%6'9:P"<$_ UP/H%F M_Z=NB_2/*UZ9F\;@EW>R^;>_U*&2&K\#]U.FQIS'9+*DEA?*

*D7CD=Y;SPPXDD M%]VSB&CL](^!7^^VW]95N7UJFW6KG',,98PBSDQ)'(L0*9(8I7E49(E0<;@*.MZWJ*! %,#"G\7#(F Q5D]@!_!"0(=I3^6Z&/[64RB]T$WD^)#N:*

(KTQZ]W3N,$+V6/**/(HC2(9 M(]JD N&BB%&\'%29"0)1-2>*@ QKTB7,M+ %5<$["F (MF!XZ.!"}T8>!V _E;#;0B@U\);%.QVB'B1

M;!:7!$!U=+P87."1:(1K&9N<)B1/.$!HH3&6/*0I*0 E2@ ;,\2LFA9Z6X7 MARB%)9B 8(5_B%QB%A'TW.(4,#E!1BLL*<\?M(!:+0\!H.R^9JO=)':O/4AL0|F9\!T^()C0JRY!/VX*

MV6CU\&Y7:0I-F4MM8;Q_>%RNGZ2LG[G5OY!O="--;&.1YBR425B@G:!1$^PPA M-PFS*0]S(F>!5%&*K1!(C^)BZMW>TFWOVQ];RL&C?@J84.N$L9U.F!PYF+ZH M204-

/T'#4%OWUW1PE5?!:=?FV3U?=2OWX!5U=\QP4W5C4N&$*[$XRD1!DD+%69$*0% "_M/EI6VV=\"({]6!CR.M=1Z:KD* TPPS41!#$9%U M4AS'F1!%'(56L]BM*%Y6[['"'<7+L M7.C3[6:@WH,Q1=#*

*M,O,#D4@D\L(8%B%+,"F,=Z,@ 8Y#&5*F""'T2F'XZ1F5B_7.@B1JB0)US%!=+ MG7*NM$*=\4K0<61KM1^E,>]I'A+SS6H=?-CAJI+$4.P#*'9+_ '"9 M57_<;K:5_+U8RI:/^-,R|=ZV/"EF:*

<9+AK$B;HT* "\84YKGB MF62L4))9WVQX8&B&,] -DOO8H+V1T>LA?8%/E''*-IQ>J$WV:5@^&VB1N MU&+R,5L6]RXSSP'PFN;_-_R*

RZ"9I\'QIFBNZ8#=?/G$;NBJR@>9^6ZV/(+R MXB+,Y]CP/>S3>G6_Z9+:,3E$15W??U^T"C-(TB@N1X$SJ+8L00C'.,IUEI2J*.8EB3,FH5T0LG/?&^9)CIYY*.K3G-%E0# J$>WVJF

Q"VJ?Q\V-GO$]-AZ+8C M^,<2I/K=X!A0\L !9U/G;H+V%;?C"'-5/5JUYWUO&Z/*=AC[DQ-1IK)15/K M:E^P1_]ID;"DH!G-<%&8(K5Q(LTM!<5!0$F1DBP)(NLVP5,Q.;':WU%N,S&Q

M7E%=)2[3P,5>/4TV1>.;P,\ /&R|.!8+ ^K:6VO7J=#FUIL/5?NJ:U&43(GHH MH_9S3)[]+O0S3+;?G7W31X63;.(MG7;_(V)?V[U[S;Z@4WY(-%3$WZS5NAA MO9+/S82]6&U_|*

*L,#30WEP%XW&>G9=L6IP>OOGY/3E.5-#/LB N=V^MS^^)|S[02T8."09/PPMJF $F.]K#;.>YGP0TV'|F"R^PCQ\LNR>_OSW=6>\' MP'"\OA^*

*#^!:DHM5\ATS]39[E=0NJ\fTN35;\+OGPR/=.:*IO6;<1)OGZU6]`MJ9JMNFYBG>Z^L=5-JS9_TT-LZNM5JRI?%>MN_FBZHN\#*A,F'5 M'=Z.W,3[7X\!=/-_L8?'_^?*

*WIN:'9]3Q6^.&%7L7C 5^XYXPOZC -@@[0!R2 M(BV0L7KOE6C4\;|>S/M2*7V(,NWK%X(7{N5I@(6*\"9I1C#-@D"KPK10F2KB M0EK5\'N0*TYH8"/Z\Y1883ITCZ"?6:0 MYJ:SF7?\H/?*

A[=5N96R^JU:,Q^;K)2[_K@Z?).6W54&AI@Z.%Q3 M1@UIU-&^0!_7Z\UJ/= ,#03!\++T#UL50X){CG|U%)&IR8K0^/.UFO%0KA^ MRQ6;QQVO>>1]4SQO_MC _Y-*

*IU*RW34.O1G2Q#:8N4%&'G$5*X$PT5HLFG#*,=%@NL.&>I*A6I 'H MWLD5"I^+6//N2A M3\RMGLO=$;!M&I,%(E-9'.(\B$*IG$B@J5(*!S0.0\YH2%.K4IEV?"9>?|^4L.,*

IIL'(&1,>U4#DL,.11RMM\?EP[ME),"#38|.?T67.]|+K\VD_T;J^7|.8JBZT9MKOTD 6)HSQ4. E3@0G+&&8Y M%3B.21 714%)%-JJO$%*$VN[\6VDB:,.^=?NU/

*S4N&;S)CY,J9V4W.&6;|@" M>TWF#0HW)0;_&$!:RTJZ 84U_/YLNIP*C+Z:LGO!(?|_76^N5U]E]51R><6{J MZEFKP*MOK+J7=??!,1.:,&#J*@U#14Y\L4IS'A&))DHA'5 59;&V9C9.,VC\C*

M&<#?|2Q@'8|H(X)0#+X.'<G> LLO'D"COV#@FMY^-_M$2QKW5B3T4'FRSBW%NA%/KG]6\YMGY[*6G\{'|?5I55;=7W!=]=2G|9U M+!>M%K+6;*K2RBU0<D

*3;V&E9IP6229U&001L_C=&<6/=UY2/18Q-+9]Y+ M6X: ;B ;\.R<0YXA ;[_'?$FC\KYS 2EKIG6I2!NFG.@.'*RATB7\K+@8-YE9D[1&^4VQE#N=RQ_MKSN#W/I&?3W/ >W##>2:?*

&UUU'(6 +B,/IQX// <9=KQ3GL]H^%_E/&7]]6O M_^BV6U_]'7_S9;|(#@6G#ET6#F$36<#R- P8#KA(,(EICHN<%##BAG"A:K?93H44,'D.0-1KJ3)1]7O7"#SMHB#2 MLVZ?

*+]"WC>=QG#3-U?LC=RPY1^KQ=>+B"1H3+|^&.E#4KZ&[[^8#;,X"IWQ:PH/.L6Y93B MVM] >|#;[=K!07S<.(8 .7"Z'>G.U&883U_C7'Y*P4_-=)2ZKZGHE/K,'*

*MJ^9';UZ;.A1#D[_/K\49_P(f2P);/?54R8.[9_KSIJ2S*IU)L!5X]*"3H M>'U4(*MW;;UC6H:X#"9*9(F.0Z$ M/ER33.A--XTH3N-04)DG/(S%8B7O35*8G3EL0|J8Z3MQ]@G;OU-

*MB11W= T M;E=X0R$K^&A>Q)2R%&=%DF*2*X.93#D.5"A(3A0+*3^O8[PC>&?4)SW:-[T# M])<_5JKYZ5?T=8_M8%,A=VSM3B"^$8/1/L]@>6@E?UKZR=K)'R'Y@UO*GP9A*

*MO*W\P+N./:+7E:I=IC.0R"R,50I2-/)8F5DH= MHVC"*>I8-55?6V;_T>[J?75W@ \.HS_$%,CQ?(+9QKI/M-2^L2"8#AR:*

*MF[=3LIN%RP<3P.VQ(;9WI'SUS/;'V+QMM;T# ^J;SMG|*BB#)M;[-%4UP(+7J#6D2'I'O#,.[.U?4"5(.QO"=@\-X M3QRIH&[OH#F%U+@_ZAS!W=S$DPEK[XWR(+2;-ZHG/.]31N6*+*

[?&,"U7;0F6 M"[22'E2PA;0#+JI3,\[FHAIAO>^B&GO4T4#K+ XB2;$(E383BSS& M19$D6$9<1K+F;.@K.?I6)W;@-Q;?#7]L7Z!.N91PSW:L7|A2]L>GCO8-D8& M6.[C#+-*

*L:4O^%';'M'WGG#:XS3DYHKYLT.D8G=1NVTS.EJOFA,I,GR@EA%@-M)-/F:!3X7/C\U/6/>Z:YDF&/_2+X?!?9-;R&YS1Y:8UHAIC=;-&MZS0)>/!? MF|HG<+[*O'RP-*

*& XET<0WX2@^1S;.]7(E|A]1WST:17_Y5UHM MQH4@+,:")DS;TT9AQE&"%4E)QBGE>6!5 P! 48)IM:8|YB>|]PMTIW]?&E75AJ:.@.*2;68KIK]LLU&* M;V4)P)-*

O.^E68@A"R7'Q8;4H]|K98EESK';99))RE128D5@FGVG;B##.M M C"C-)[@EB]J"=FOL.!3#[AL 6'K%2.]1(=E&$@ M D6_UZY#_<-A^1T?.9,%-BC(;DD-*

/W1.K5]SK=IF2/6.4'JQ7@H1FL16Q[" MP$M\|"KKQW7-EDVUQ/JZ\5^:IVRU4?!H"A8;+URSH60\R$(E$TQ_MXPM":8291 4F$62Z,O!96GISI'U"F>:Z).%

*/T>3;]\$O8W_6@[8*PD 5I&..8&Y,K#+5RY_HR7-UI MJ.4)*OJ14%3D1,5:#O7Q 3F.=%*.58XR%.9\80786+54!5.>F+!EV#"#6FY0 MQTZ77|-CZ)!EDPX0\,4KBRUQ- H,?*

*5Z73PP=3[SX:L;29#R M=0-C0 D#|YQ-&;L)VE2*CB/X2]SI?CPDLR]BF1(FTP GIF@%",,"LT*KYC1. MLC'"*LE"D;_%6=M-V>;6Q\T984(:LB=?TK9?%+MUA?:C(P#.HD/?E:F6,D;5"*

MSQKH:OFE3P1H5290G-,5Y#@F4@0XCPM|L,H2*E2>)S$OSDMC M.M2;UE,NW\=V/"/I9WWRC-"0-?3N>!XR%,Z*>YD:4IO*?[@+*63$(PG*9U^ M%7[>N/QR8R[(NKH?!4^"N*

@CC6BF-2R5@6G"5^!L1Q+@4GRKI3:G_DB1>|-MIM5=58.JH+P%8-S,=Q8+MDJ|203!H).HJF9MUO1.L*>FZ$=|=3"|\C@@QU\MSQ M_'R..X/2^Q^;

{GY|$'X*40FO;U!=5R7^KQ]+X<9LX1"'S/HNAIE[K#0>H M8:$Y>94/3?C8[Y|OKWNEP?3!K&'+OL"#4K#^F$"@(!;PQ*:+AK;;PM.H/1. M!1MLQI^MH - V'Z9!\AK;F?4IBCIY_5J?*

*=0[N2^^&T6"Y320F#-3"TV(-,P M+' 4QPF-\R2)2 JKLFA'&/+],!57;,OR|ISB[Z78\N:BRO(: 0ACD5*51'% MA=)G?"(RIG]*4QR3D';J4YE&H+QL_R Z:-D6PCX7;RX9G*

*M%6^)]=Y;RCQ9, MY7H"'''GRH@LGM2S5QE2736HQ4,B->&^#;,U<5\N%R1|A72?U0P1SU*LWG_L M(LN-75'S##;:'_APB5X3Q4%(LLB))0A51E5DX8>Y{3*Y'O'Z[05_Y-Z]ZEO$#Z*

M2!G0"[3GK(DT/O"VZZ)7@W4 .)A?3(-<#!=,AUFUNH%#L.0:M&C|=2*_M=! M!0 (S:).X(+O5(G#F_ CW$>3B'9I;M4U3^J#RMQHS|\Y^,Y\KLV)7^K5AMQ*

MO6K^4G]5_N&I$O^H8 7D_5";6,/<5N6Z.J[>8^3.'X(G7_^8(KN9YDZSQT _,+N=$#VQ,)L M9VB_D/6/V9Y'AKO6/U_??KVZ^;"4:%.5_#>]YZN(E]QUE0Y;PO,!QSD),(LP*

MRP3!3!+1!!%F1+6'64'24VLAUODB:$<=='<@#&JH.8S7NEO>'-$#3G1);>1.WL M_] OK+>'T'!+ O_)C"=9:WD&WHM.SS ?+UEK01YT5S6[@TWQ^&A-8.Y9_SZ MJ+=-

T[VM+7+072C%,DT5UXH]}GF"21X2G.C _9M >3UY-BRH3BK5PL P6N7%N15 MA[O$^_O-AZJZ6C\\|7CYLK\-7[PU]0WA_7W5E,I#FN2ZC97,X=?*

*\+|^M?/QTNWL(H#PM:X#0)*28\CG%>R 3+0F0R#+)44.LPFP$Z4]O|ZQ4VI%&?`M]K|"K-T!A"P,?C|R ZW]8R*#?=9CP@/L?#\@.!KYKF# 3/UQ$8?L_(&WY$/R MQT5X8>%;/.X0Z-?*

YHK|(+LLGXR.[K=;W%7O8N2.D92S.),:,L,V6,,.YRF. M4Q(_2_4OC'$*.U;=@'EL62B;I\|#.Q&'0A%'1I@O.-%.E!?ABI:OP OPF-/+\O;: MMG_,>WV1O+F&J@E*

*M.%]|YPT.PVKH7.E@>@<@&*CTSBD)G"KOO!ELML(I\3HU|TY^0Q\Q_^Z?7QL M2^>SI:F7!Y;K[TV!%25D%A0\P"Q7.291QC$-@Q@'@:"2%B3DS/KP<8K(U+$E*

M(;)H1Q=4U&80H?&|W8?1'=LM.@" .S5XHAL0[T63|TZ7[/% M$>9?=%L<>|8Y-U96E11WI^^F2&)]"(M9:@JF[LPBBT3&LC3'"2<))D$>X+5(-M"KV12|/P-0\+F0"S#<=H3JR-

=AP@S4);'++N1VWMV0!G&XYBF5"6Y)(7. Z(-M5N5)P7&A&,>2R3B3C;|DA^'|/-6,-&W!]L1S@:')8_35EQ_M>9RC%.?X[2%X$@>]_6K9UW+?

*%YO_B$WJZ7IFLR1^$Y7A9C_>@K',T8TIRA M VM.USFGL1K6 %/ !/3RP!%"?_K/IP)@<,Y-T6D"/^+^.%3<$[=*X^\Y%C#O MJIWA&H2.5YGF@# M(LDP(K%- @%5GF1J"#*!8]*

OI@+$Q-KDAU+)DBT8PKMN#)\!7V^F@C[V? MBN["/Z^J/C1Z*_1^*_47JL^P!W)!E4I3FG,<,5/P,2 A5D.M MT_(T3),DRUE*.UNQ%I#VY,?+_S?HP*

[2_*".H:Y!PX$E>X\0%.=QW]B$Z$$/ M2#\3M@D!=':\O0#R\0"D=RQ[8!\;(!\' <2Y)!SA&+ 3P<=<3;WG:.H M?:^>ZQ"NL<)\R>]Z5&4;67@I_KFM-*

^;KNMEN;E2OIT^38VMLWTI^T)<3\DFV M2;8WJUY;M4 ,&+[>R(=ZD81'G@H2X#0.&"9Y1#!5N5;E0&=4+K=FP<2;ZMRHX\0 M'Y22?'.S>L?]DG|@E2DJ6NMMZ^LW5LF&MT5**

*{I%GBF,N$G.'35-SL,XO$FY0R\?%VMN+ P[UW+ M&2"]N7PY9RSGGE>5*4/|7K;_O3XT"|ABC^6&+?!.YF34! CC1<@H[@ M&FY3;.X*[?*)E4L3=*\[/_%_94NYOE?6_KRHIRHUIJKM@-*

,S20":8!6F!29& MF,E08I;G:9I%4A:A<(H9@?,R3Q#)GG;CKVJI-^V_H5$C#F'-$T9DSE.8U,:.M,& "4R$ICDF04Q6Q- N!P4X3H7R&G?H#X,4T3B<&#>]5+C8O#-,]0U@#B U+*

M%P@.JD,PCSLJWD]!"%B8.=S":2W\JGC.6V0?0,+9AMJTJ?=K>76TA2'Y,S M&@@5?!^E!EM0955]#/. TT#!8=]K&&P P-MG=(C>X$.A"\I;T1207A"I[@HC?72,M-5!

M>|B96L0'1S200A:,A%X3G)'0V5BB^)$G'|#^LQL#^6Y.'R87BD\;U<-PW7@!5@ M7KTV==3?AQO4MN\[J_#+:UF'-<>98L+TA9N$H.#>$[(XQ?&^'FNVD-T30O2C

M,/E2I@(B4+DD<4@XPPDO|+E8%!DN MTI1@GA4R22,1AM+]7 R@.;6%VW%PT<4PFXO5/1<7+KT#(7C;;>R>40(ZQ=:.K M>_.RI?&HR9%?W32Q^H4&D2!4PJGL$\X,<)3>

*[ZW]=?.4)5B?HDFVO_3&'=3'VPT"'+?T"D M 7/_V%NSV?H#+/<-.;"X(BW\N5N%U_E)6MGJ9OK):7]Y5L*VQWO^@EVD4Q MD9P&U<5Y&@*

*H5%&@4J$D&0)%.|":"$)U8MAA74\)OVM-&>FXO#[UOR M&4'XGJNEJ5"#Z.N?!C!f%3<5<&ZZSR. (*WH@L* N@0--YL>=1&RKV'"=WG>N MZF8*E;R3*_U#TU/B77-4:P[35VPC[!=-*

YG]37#(H@L/ M 7?1@ZV^V `W[*V8XQD ^*M<69DUY{@IF4$B.5#(## ^%0L#[^6YHT=TSOMU+C M&W5'O5\=61^H57<[^R?*

Z^IW5JXV%$VQORAQ|>G&RG;;3KSNFH\"&&=.2RK^,/-0SV848%O53#9@%HS^Z_ M7FM!^H9PZELR6W9^CBLT(`C6]VO0<9W*N*WKTE2-^Z*MQ>_FWN#0LK2Q%]_+ M)*

*MV=)$'=\'VR(8T63L=>1J782WG15J8G@(+:JUL1H49B)76[!.0O|P4\"G1YQE MB8*M%@NDX|'Z="22IN+\'N_!6@R;EUFA7|QM4YJ&BDN!49@R30@6XB".)HS16 M3*64Y-*

*{]27Z,T.1NXZ;TSSLO!]'O^N-UL*_E{N2H?M@^WK/%VF)F=Y]89&IC3-Z,9C++) \SS(#,Q-1*S ME,?ZA%3D E!H8 MT..GJ^G@ SIG?S+D -E*DR'HF,[D&4E8TI,3&$-94;*

*!YTN;TI;ZB2'!;.T@A5#2#/(OO#35D MR 6_2OI+52BNTS0"ZF=. X^I+=-R 126NWR.&FE\VF'!*YK@ 0UOIS]8GC MK+]0 R<>@2 .T?1T\79333 L+T2-.6)+*

*(S;A^FC5RRD/G6%%)\B .-5Q!%-MUGV&1FA-K CV?1CY$7QI^O8K: RN<4WA$028YAB0WT&5C %AKU#\ N*F:EP^ M#)#NL91P0!>-C3";;K(4I:^K;%^!%QG[O%*

*[=RO5GN;Y\NF|ZDO/-EBV7S[>L M%(#"8B/#3*R6-'5L>M1_UO[.^20K=B]?=:KOV$&&'W ML3&,AA669WA@"LLO M,]"2898R.Y4)&QM[MM)@ED+VRX'9OC*--*

^B5_&MS1UTNG^3O6I=\[Q=AD:9A MFA',B\3<29$<%UG <*9HP0(JA"BL+\Q=&(@Y/$/F4'Z!#&^H90ZUW/GU<[P! MWX^?Z!QO_$6_2 T_?

*J.SD%U4@\2&%WOGJ13T)SI3WHS[$_E53HE--2W=`(<-MUSK,U>.Z8AO9'1HF^HG@FP@"G*0DQ(:G$-$D8EE+F-!:*A9%5N.&)\2=6UW8J-MP./4*33LKO#.D:&F/P_B[>[HHBC%?*

%08;X687XX^%NRZ,)F. ^|-.Q2. M-W?NX $<-I%-0G}|MWXGFW16\<=*O|<0?NVOJ1=HB3'# M:9":?!2Y Z/,TL#E&0ON##Q88#0=A*$X,,-+|8=-P$5|$43N\#M>W5|MZLWZ0

MU27GQDU9?X%2%B(GH1?'G[U+'"]HQ@P[<7 =/^-@?OI^J6/K$7M-!SQY_4RHV>O?R=!ST\!^400I82QI?^9^U"H2) /-M4,PBV,FPY7F"95HP)5DL1*1*

Q2/TYEX'>^IH@-98#G($_B$/,MDK'(< MJM24=U(F959R\&IK*F!Q(&)&8)E\'A!RS"7^)L5VV6SXET^L7!HS%:MUA6NV M-'=D?%MU#>?,=O-F ZG-T^:"===^9?*

*O/<>Q24B#L&M9T)Y0$^F'X\]FUY2]"U ME,I7&B9+O?WQ8@#*T$8TGX_D(!=A2,BK!?]J4' M,XIE>=\LD'YGAI"'+$Z2'(LX33 L*9/-C'#!4_B."V4*1,(T0NC%*?Y51CZ MZ,*

.G@@W.9B'$4[[> 5&Z#[XCQ8P(K!6E1/;F&KQZWF_J3?)++,+I')H\:^J9$NN'@ C4\H/_"1R\<0M#R@=>|0%>%(?@J3]

*M(;IHD&G_$4\0$&PKO:\3_1BY>8_VEL*_>/;0@MY*CGAM(T+.E=Z1[Y8\346D5=?=-3)^OK5?^90YJRN6#J8G5E+F&,=VP]RR@EWS"K!,OLV!G MP3#HS0>\?*

RNW#@H6)2HJ48V5.)B14 691'N$\HBPA M021#&0,N(B&TY[F9)/36KYMCG MZ]NO55>=1S+,I1]"'$F38F_,&8X#UB DRQ)BR#GHDBM'3G]@2LQ5$IBN;JDX5.)

*[(8V]QG&5RDVKY$H'TAO'1!C0#2|>GVW]'V.RO\;/ M_MW-L_+'JC;AA%*8B)'=DH[C(@]3;1XJXRC) X%S6G"T^Q"4""'>3F.(6+GM#A33MC;?RGB!-'IZ%'-MX>V23&3_>ED;AY'X8-*

*K%E;)N8\$+FB5Q0?1(QKL2Z8I0[Z.1Q&FLDB2D<1@2 M]UTB_0!Y7O)-!`M!SQY_4RHV>O?R=!ST\!^400I82QI?^9^U"H2) /-M4,PBV,FPY7F"95HP)5DL1*1*

Q2/TYEX'>^IH@-98#G($_B$/,MDK'(< MJM24=U(F959R\&IK*F!Q(&)&8)E\'A!RS"7^)L5VV6SXET^L7!HS%:MUA6NV M-'=D?%MU#>?,=O-F ZG-T^:"===^9?*

*O/<>Q24B#L&M9T)Y0$^F'X\]FUY2]"U ME,I7&B9+O?WQ8@#*T$8TGX_D(!=A2,BK!?]J4' M,XIE>=\LD'YGAI"'+$Z2'(LX33 L*9/-C'#!4_B."V4*1,(T0NC%*?Y51CZ MZ,*

.G@@W.9B'$4[[> 5&Z#[XCQ8P(K!6E1/;F&KQZWF_J3?)++,+I')H\:^J9$NN'@ C4\H/_"1R\<0M#R@=>|0%>%(?@J3]

*M(;IHD&G_$4\0$&PKO:\3_1BY>8_VEL*_>/;0@MY*CGAM(T+.E=Z1[Y8\346D5=?=-3)^OK5?^90YJRN6#J8G5E+F&,=VP]RR@EWS"K!,OLV!G MP3#HS0>\?*

RNW#@H6)2HJ48V5.)B14 691'N$\HBPA M021#&0,N(B&TY[F9)/36KYMCG MZ]NO55>=1S+,I1]"'$F38F_,&8X#UB DRQ)BR#GHDBM'3G]@2LQ5$IBN;JDX5.)

*[(8V]QG&5RDVKY$H'TAO'1!C0#2|>GVW]'V.RO\;/ M_MW-L_+'JC;AA%*8B)'=DH[C(@]3;1XJXRC) X%S6G"T^Q"4""'>3F.(6+GM#A33MC;?RGB!-'IZ%'-MX>V23&3_>ED;AY'X8-*

*K%E;)N8\$+FB5Q0?1(QKL2Z8I0[Z.1Q&FLDB2D<1@2 M]UTB_0!Y7O)-!`M!SQY_4RHV>O?R=!ST\!^400I82QI?^9^U"H2) /-M5D*CS\)+V2_R?KLTV#^_;RQFMOS?*

*ZW*U^;LV6/2"7Z2YR(C**4YYQ#*%)0[T; M"FW@YD&81B3G01!9-Q$9)C7Y9<"..-I11Q@U#*"._WL+<@2T<0O9'Q2M2MC"IG M"O:6M3\TW&5M2[OH[^O5DZPW MS]=!=2;Z^ M7Y7_)*

<4=^ZOKT:ZM?Q:E)!9+\Z$:%,C-\5\"M,Z7!1,_TZ*(EP\R]!,?T*|QRUQV#4%_]DL(_M1TPRK1(,%U1$6.5,%82&(HA%!^&'E9@9P!U%+_#IP;RC9^OG.!L/]*_C! P^ MO1V#,GGS>!RG,K/78U#4MYZ/X7UEZ\[MI50A/!)Z"111Q_]HCFP_M++MEBYS=&O:(!VPM#T,Q@1_34E)/*WR,VJPKW5+TURO>]C78RA>R7%R5F^?+ M2K*KM9"+C"##3+PCG%_FZ%G/Rf_M8PF$KJU5*>LN67N?!!?$E+&8!YA(&F,2"XEIF#$<)"O/1,JC0#'8L?TTL56E'IF/ID),@Y>IFBNS^B9/K[G,2:F(*,,FV!,J&/G7$:YIE5NO.1 ML2? >TSH;$?.?E=[C<'XQG:&9+#U9RT4;'<[P;!3!O=ZK-GV<!~]+>Y4X^X MJ73ONU@T?8!LLI!K_BU<3"7W)>;=FR;OXK16_Q+]/(@S),+4EDACD+,IL&NUWW1X + MTQ$!,AJO4LOC1?/S_@\=GQ>[\LYUD^&SX_4"==Q:V3;@G=TW(@)[L &[LS6HU-M^,SM8WA?7QX*$-,J4U^DJR6=>E[ZZ$_^1D0^*KX#Z!M;[U_,"1OJOT[#.'0?:^]ACE4[;JO[] [^[E07WD68)DHE,=7;/% F,"+&K,A# MK&@0*T$30H15E?'S69E8#^WN$WN<7*#K,W3T]P,MIP&MZ,Z;F7&S=#Z\81%B(N)"[RZ%Q'E*(B)H'N2!52MH*,&) MJY*&E=? +I^%FOX@NS"HRU7XT2ZCAR5Z;@2 >WR:F @ZV*?Q.F-GK^ZPV<2GC+]/N M?C$$J7(7(04-VBXV=2TE5V!\I>ST/KQDTV?;_^FN$K=K?<)HSQ:\IWIS*=:/ M3=T78*D&'J7^UM#BC$XZ;:A,!!M0L$,W"7 Q?T{(VV"5%TL|O\ MHPFRW15Q&##"H"/.9L$YBMHWXER'..LH?;5>-.:M\/)W?&\-1CT/LCVWA"+B M29(6.,@5,Y&$'+. (A5A&A8JXXC(FL_>7AQM>@R]\%CMSC:&JS-. MB'9H@T[6WC$\XW3[<\#G=,CV#]_'@]8/.%W/VB \[,[;=D/^B#,W2-@3YVI8 M&(Z]HI^K3?JO53E2HHN^=-'<[%T^F"K-]9=[;N3UJ@G2O%H_/%;RF]2;R9/4 M6\SZ07Y:U_6=:??:ZYC'5<%(3G"0%@23@#)<%+G$(DHEHPD1/.%UQIJ,TZDO MZW8=<6]45S6]1M>KYB:|"\=$E^TQ]Y^2FY-M)U=_?:*#9.,;=- E3VA7"HE0!8 MN&^RH+1&9=M+:,,[R>LG<E7$4,SAGXQ[/^.'FPD0-.T&9P. M9U_-*2?C<]Z6AE/#,.81XN0$W3:7WUBY,H/>$4XH+U[\6&E3 M1GHV9(^>!:\8>E*5? GB:59MZA?&UPO4[N'.*U)+5=:GU>_,)WFPUR9[F/U6M MY57%I8@7"4O2#/,FG9OF)D!"$*R(8#'+0ZEH 4RG\L#6Q%KY-9-HO6T6?-_" M\54LR],\V5J,20_S>?HKD5JUEQ* M47_4PE^OZFUE=H.O.O)WFG!9/ MF);T#J5#E1U7-+S5X $S,'%'E> WM;O<1|)37E=&?UYHYIR0>_7#ZQ<+0J6 M[$0!8Y)K#!A.8CS2*.8)];6MHJ"- +5JA'V:Q.3*IR'8I%BU9.=:.HL"3\A%@ M['3'>>+"= -44O#2/RV.IZ5]A,"L2_>T@*^7YL"3;DOO=.CG|$+-1 MR4PFB2@D3J.889*8!9AE"]T8|N6!]CR' ;/;J6>#\A9K41ZP=^FNN^U!13@]6LEHJ>E/$QK MUE5M)?;K!6[WD^UWOB'OLA-6;4.HL-UWB(SI6LR6*9L,34H!"F,E8V85(6=#,.IHMUZ!A28|]6Z7GNK>U. -7G::PQ<* M,$WQLK5 L9FM)< I$2>HZO^&U \KS'I*Z*:,^B??<5O9[(N"OSO'YE^ROEP) M_=\K_WF5*5_0AUY?\O<5E!/2WV4W*S+ MW5;XUTO>^CUXF/R_ERMQN_XN]UO]? 7PS2:+WE6P,ABOVR'BY>5ZDC$4\EA1G M4<8P8?HPD2LE,4\%4:E,)8]BVZ#W<7(3+WG# 'HT'*#'C@7$=CP@WC%A'}5L M@=^P!O"/"FS]-X TQ-&.,MJ31U=3 &(?M.T7&+ <0I#_.& 8M;\) T'1%H/, M%)N$4L+U _8!GP%KS!^UTE+JOJJ^3;JKG8N+R_OWQBY?+R86/TGU@B*E]'O<; M*>,Q10U!8_S9-VD?DGQ827D4&]:==@W8- 673J*ZJH3SP@([@T34\\|.*W4)H MIZ;K0^/.UF;=0KA^8W6;Q^'+|<-_;IXOOU>BOA3_K+L&-);+\,BK$R^_+N_S M\CO35)$EVNT38:$_2(\)N_XXCM35-BB.RFEQZX{(T(Y+:,ICX\VVF :$Z2^B MH<=\)++E>WYV13:>*,,@+Q;%*BEQ;^BK!N6F&G5$AHDQ;&86TJH#OG[6I77W' M$NFN[WYXAN19LSE^]OAQ9Z:H^$ 4E]I^% M\ >FJ/H .C@YU0L%-P?XS:Y+5). \;EDA;FK]KR(,B5H$"8X)['$1"8HS.K$'A'UM>|ZF'''1"H=?0VJ)1N6!0B4IE,"LQ(0(SC.L-%%.8X4C26 ML5(ICZVZ*D"(3KV$FTBW'A^#&&RBPIZ(-IN-&Y11(1?\C?B)V(#2,UCG-*(M&S1X=TJ \&-=*FV&FK=;)4"X-UTK(>_"_6Z-=^>/E:B6S_<|GYZ|$_SD !.K M0$U2:IIF/S^0M?>_G99[W OG1628+FM(HJ,R>W5TCXKFY)$[/>I.?KE1P?K> MN?&'G0-K3!F- =W*E?]C$JI8;UDI-5C/5[= M6DGYF3>[<]'LLP%31+--A$M(D3_@_,4=>>:I[N D?S >B6#R.+AC,K6LFA99 M)@O2U.5=W;XED]4R2",%B+Q-,AQ5#B M4X<+->R@/3]HSY GCR08|"W|900PO3!SX>>O5]W2A3=_+N^T00Y>EWA&'#X M@=]+AJOA=6^*7*VKYS:1^FI;:5-DI\@2TWE$%[#GL=:(,5>X M2*(4QW0+9G)SE,E IM ;S44J0[!^Q\/*,;FM/ 4]'IP!BC+.B("E.TL14GN4Y M9CP66*0J#(HHRZ,BA!4Y/!L>IZ[%>W!:LA>H(^P')5MS|VS9H0;G2|"!7:P M. =E|F9S']]C#7IZ\A^251_+)[E(LC OHCS$*M7G M2;VU:*N3% ':8IKDD8JB(@)%|-@2GG@EORA$/+RSFZ(/AB-D6 .J0VN8|5;^ M%.#!5,&K LY)BI,];R0&KA27#1(-9A-4Y391O0)ZBX/DOUAI95MP!BJGFSU-MON-M7OE4"KD2=6.? K9HJ7E>L &F: Y2ID^NPK\/S16F!:DP(++4^J2=*M'3Q5I^C-XZQJB9IZ6_P_@++=GIW"RO+ R#U!>6(T(MYNL.ZA29>,^51H1];P4@QWV7U&8_)'_H(<>=#4%3!+[>L)5)(096;'V% MC=V.=8:\L,73$[2AY++(ZW$1?%5H!37ZO.59CXOVIC;KB<=\17YU/QZ26QKG M7EELFT27=\_FF5M6;4I>/K+59A$+1M(B4S@+N%Z6@L>@"I[JGP(6S*FM2@6M MN70>1U,',NA_Z>6I)U?_"^)!?LZ-X(+B;VFLSHD]T*H]$KEUL?_7@;\!+](@ M5#PWCZ(>DU,&;3GB-5G %I2?'QRLY0C?>*"6Z\".Q26-O7_Y^%A)K8$-A:8+ M4OWU\LM7^^^(0UH--K,K:2NI]!MK68#7Z1?-0G^YQZ B-G;KRB@I,%8T!,D$, ME[6TOHI+CM:\M*%D2AORDQ:O^@0(|(4&/EC5>KQ#)E=F:?=-=>=KWI\"*AG0 M)^P8J&V?.(@TF?VJ,"294G$0YGD0EG'B ")3QTCTA9;,?CI6B_LZ[#M6#KX MHW<>2$"0 O3K824R-8(P??+3@0>($)D01,<(S;](@P@)$'-$8"A"!#CE?@(BC ML"\"1%S'@&OKW\N:_ZV5,$3(4A4IA84HC"),3%/"-,)1GD9Q+N,B(-;!>KUQ M)!:QAD[3_K0=!V1#_5'"%'F4 MQGF"8V5Z!5'!,15)B I>A2$E>H8^;_WOE"_C3\ MH(8AP-H"@#NN1::!#'A*&T0+S886H$+6)*BYZ;$^-+$U/&ELX?>5%N@$R5+S* M?K#Y"E.!!7Q1= K^]OGQ:*_Z>5|\^K*M- ^5_MQQT5DK&.4UQ@9 MD(H\"):1#)P#4<;H#0YE?6!E/GZ*,)7BN\-36T'<)P;>&TE/LK5 M_5=5G6W]\Q0>A&:HRC@'2&/4G3/*QI0G@G4P8WL/J;Q^72!MX^/; <=GMNQ75-BW(#,A!7&4%)ARK3L(B07. MDS3'4.'2A.4TSV@*ZM%L27C],U^/?!/ B0Q3V@)O$M<'']/S\+33'5,@!%,? M>TPNT NL7A9KF:+7&U1V7]%'MF3G#4L"@O$F7@GZOF-I7),,WIZ6=I5;NB/3 M@=AA#62$BE (@EE1*-,H+L0L,8>:O/F#UC'*RD_L1'UBQ=)0-I6I@=EQ. 3M MM,ADN.!425NLH7-N'&I"[5P5P?4RO%%WI*\%#;.TR%AD M>E.&IGH$QWE42$R+D/X3X) @#K/GL'+' H(O6!MM_9^_=S|>H&*AD'TAL-& M;1E7C.,207!LY3@U ETT/N(MFFPYK-U5W'DH^%)9_,KP?,.G ZH4SQS25T#Y M)=|LV? *+W&RKUPR0\7CMT1$<(H#8/!?5%U8NVV8. MZZI>A*$(U!KE%B$#),HR' A1#[@Q;P@(I:1#*P*GQP??NIX($,0&8IH3Q(0 M2_,6C6'=<+Z,L/7O73Q Q-!98CH&#D'$A84/G91F* (KH[4OS!1.=9/A%3-'1 MIQQON5E9_9TMM_)WO9-LVT^^]?Z7_U9J^A7_JOQ^_<#*U4)P*F3,!$[3(L8D M$#&F$2EPD1<\XED4$ DKO0*A/K%F,6110Q?M"3<.D<^7?T=_MBP :Y##P,VB M,"R$RHS-5V?*98&94!&,>9"P(^IKA0LB?)U2?'1 'PP:U&-M%13M,,') MD(-M!^=]D_#8 A>!?448@&C/&V?@ LN;. G0>#-8?3A=:V7Y_.^E UQ]R# M[^^393"C[3#3?? <[ZL8%H^FOF^CO9=?76!^/#$/Z[-Y&)_5=U)\LXAI!S54@ M.#CU6;$B,%O+%8BX_>XKH/=1DF%(8A8HJY8>9W$Q\5&CX0O)'6/H<9>K MM[9LKVSO$G"?B'"R'SPPK3))? PMD[7TRLR#LYKJ9#FF0G^=LA,<0>YCS^-8U M,EO\OG/I_,'@&\4?]TJ;CO>K\K^DN&-_=U;HRQX%Z$28YI04AF(DP-F664DP3FF,I4BI3R1/"K9L%>^!GXLWC M'5LVF0<8? 9)UW5Q4]H)V:0"V!L%9/J1C?-&8&&+9I]>EK,KUVI.WB 3H. M6Q_,3X6\ ;#8]RPX;2_SS 1HJ_&(V\"PEVX/*;-N/1TCZ&Y/!B>$U9S^L-N7F M^5((_7G6IL4A6_Y_Y>/56%&%"8B8R+#-)?Z<)*%!%.5*IRF(LR$2E3(K0+5 MALE,O(&TA%%'^0*UM)$FC@QU^_*T T -[P/^Q(>I=U?)095LQP5S*FL[,.QL M-6['1>L7O+5XVLT3>+W27[VL-U_81G[!SAZ[Q*]#B6- 'A[*C;'^VG;.82A$%48"2V%.MMR2IWDD3XIQ+&%-)('0/0(>(_0F7]N&.M;O/22+;>T8<.M;/@;@W3KV" ML M03>(W+DB EI;EG)Z6N-CU&9= I):BOU!UMJ_!'3E7Z^IQK8UQV10VV4J4RNUM S3$2C_O5"[CQC191A548$$YIQ>.+WIV9QK.TYCP(K6*;(A-O/#WY+\N*>_L2 M>RT'S79F?_H? 16[(3#]B*GQD*>R^'3TC<7!AG00/R3-C*.N!V&!UB-I^ M^.'(Y^);QN-0KNZ;$)Y%$2F9%7F*BRQ/3'<; M?:X(%-<*+BR*7,9AEA-@$^PX;NI,')33)YL;-QLT/\L (/ G? L2P" G/8IQ$ MD;80 VTFTC!6..&4ZF-=$>H#'K2B@5<(7;:+'8#-#$TV+A#;H!TG;9S?%)C: M&8W>D0)N)#Y 5>X9,\X_'EB5[PPN&\;A!.AER M,*7R,X%F;IL:IZ;'>L"XM_\&+9.2 Q8N;#Q9C- YG<3LV[|N YQ3C/B+9+7I M(2,_E2OQOE1*5E++65^O3/3OMOW$;M3=>L.6^T*=LFZ[6$D:)Y)%$G-B//5! MK(T\D7.L!^^8RF4>)M8|(?RP- +'R/N=1#=A$+9^HQZAIZJQCM:D_8)CME9YM MZCH!_(H>)VU+.7D9V_.5K'51LJOFI:.VOORKK!=I+[(B990GFC(28$%'@/&54(U=)MPA5)H=)"785G)3$DUO@-MI?BSN@!.BO? ZN'_Z0;?EMHLC_KBNM(^I13U1\U=5[OL2=8FONN2\JGL&CD'''11[:*>HY)EL8X-|9CD-*"24:"C .+:E;QG&RGLEB.0 ZLOF+9?<)\/-MZP^Y+5Q5[B@CMB<-6I-09.U6]!1HN>5ZI) ()3/6;7W.\(/-I_XIV90UW&%Z. M8PC6"(Y(>-(74.JS:A-':%[K&M=AX"?;2XUO^/71=$Q<-EG&7>!41#EC*:&8 MAZ8P.TEB3/-,8*&R. E41N(\MSVJG] Q\>9OB**.*F*&K/VAY10JXV=!#[+" MM,%,.1UZ;9V2U_[4Y4%NMV,48)!!IZ 1@0;.-;?>G.V<,)Z_ ^ Q]B#JTQ6 M3R7O9T_=EH]2/RS?_N547E6YNM/XRG](5M6+@N1%3HL84Y_)3]28"H5QWD8 M69N:O=9RU2OX,D)WSV1D?_>B+Q\.)D'AI?0L,[:I@'^''|\ MSZF%3^T'SA30N_8_=9(-+K MW5:5/ZJZ_^DI=LJS"$R\)1K@L"FY@\U/Z.J_.F.S_'HEPTSQI+8Q=&/2U*AU MW0CSV&U5ZE-S [|>L6R#F%[31C[3U^9Q.JP$^-J,Y8DG+ \-\Y\S&\%C05HMMN,N^8,-5]KF[^:OV^ M6VBI2D.6IQ(S04QI<;'$7D@L,Q4GDBADC2Q/D<,4H8 _9H(TT<-86D.&H8 ML+<6A[$;M^]<0!3/%/"$%]#\@)AE&P-X"|H>%FS3H]$B!;U$K <-R^/W9K$0K M,?#TH]Y>+G^O:T+T/ZZKR^5R_=W4-M$_?S1)_G_44KS?5GHCO%HWI$55MQ^XFP?BCZ9*PQ]+| MJ^$)&:90RQ6ZF@|+0!FPB3%UK "FL?7_G<*J?YT!S%##A+Y=AYZOY=8;0+\[] MG3,.O*S*Y5;4>B8_LP<3 !K$H0@)%G%,,"DHP93H_RD2EH:FC ,A5CT&7XT[ML6+N*"%#RKY*2E_N8?5YAC0PK6@E'"*CHR1&VG;]<|,>9K:S)$>,|=4R._=DM MU.7K-WV^?\?TRNH\89=593P&YL?/ZY5|>%RNGZ7L5&XNPIA)%6'.5(I)7L2X MX*;C A6<W!C79>O& M/%?2*KILXG+MO;'7SV#KIUY62I7'XU_\ZH4NZ.,@M&SHO=Q4-/U"XP/Z)B5J!5C;$OD_BR++MO1G/>*',A MNTB#*&))$F&>,U-5@1H'6\@PDPD-.Y(&20$JG35* <6(IU=3QU\<=R:KE,Y(O M&#!15UO&($4TZ&=-?FW.#TX0T^[X=0@:>_VDKJ*QUV-ME-Z\Z,&VXK()E[5^T4TO-*>13BM]*EE1+IM4N-T= @D$#93"--*6#>&\Y29LE M.8ZS).-)DF=%8!7L945M8GW0>BVV>W*/.FSI#P-FM^R]#O!:,B<1F,#;:R6B MI[4^3&O6=6XE]NLU;O<2/#K]8IO,Y*,[LBVKGJ.P^T@)R:E2,<$%#WJ5,DI M9A%- ,*.A2(@($I58'54&:$SOQVY2-'=D413:1]N<@F5X[7H2%K9BC\CI$)YY M2F#[""(/@KI%"4$F&A3Z,R+10'3/]3=G"^ 98;T?HS/V*#QCVA_5AY7HXM%? MQYI?/57B'I7K*'58PHSK^!,KG"930ZZ$;6;&E1T;?PDRSO /*[>Y MD(=IOVE!)YP/>FK,7^CFZK M2G6C_H.6^1!D7&EK.Q0Q"$FH!WJ@BWDVU.'>YO/Q\N5N/H.3>?W- YT/VQN'L84@WM?E[N5I?S=5W MVRGL?5GSY;K>5O)._K5YI^7^CX6(&,|SEN)$*8E)H7+,XCS'-%>YS&(N4@7R M.5O0G%@-?M8S;?]'K)=+L^CV+)+H.G,#TF@V*=OK+,S8P/34."_K3L($/CQJ M(8#4GK2-#<59M0H @M?:_.*J8S3IOF3KUV_K;F:.BQFO=ENMF),L3U)*,$6@AEJ\XO2%2\T;/60C|)J;- YAW7'KN\DJR6[V7[WIT!4M^R MYW9MA[*0$T<;.,(C_FOO;%*CVQ%<'+KS6LKJK5'O&+V9>_9:BO^V M?:_MB_!KIZ:H>ENX:==*;\N6O:),;?VF[^NN/IJ((\5(BM-$Q9BP(M2*0&4X M*62F5!J'J0@7&S/F^&T4C#1HR|\S8+T8V@8#7;VS'CLOZZ'MRIV]7T,KU0%Q M'K_>F@X]F:|YR8"SOR:;#D"WVS//0((NV-RP&+AW PXXVW6",.M^=_7U7]4*Z'B2,0X M5:.]@=TY+CAEF =1&]DD92*R\M*XLS#QXL MV2L<1HS'-;.T:,(TMQNO#B$-CHC:J_+ID7532PX_59!*/P^3 =7N,/1L*OX\.MP?NJ_LR1X/$:E^*?=.M;N39.QI7!Y Q93C&B=:ZK;>- %_UW1K=?KAY MDYA:Q.(0]GQ!PM_F"%$]'Z P=BC M#GU!TK]E^6<]6\:&TADW494!"1*2:./O5$68E.K .?ZKSC/12B$)#1/K2H8 M#="8>(T:HO\+-62;$X0A#.B4<0*7<9/!@[2P!7A,4)? >(")=[G/EKM:Z0O" MX[1@48CS4 I,LHP;)6,ZYD:"I&F6)$)"[M &]4VL#LG.W>X(-I)7':ZELTIR:]OD8;UJ:DW4 MEYM-51,;C7'8WZW?E\OMIGR2'Y22?&-")$V<[!^KI*5"7\3 4EDD2B<R\B MW+"/=OR>A^?N79L;QY&@\+.A1;J=_?B(UWHR"?(+7-3.?G+7I4^]41=OE;M/ MG.@/"MSHXAE9\|!2=7M^_0(D)=&V1^)!D.[9B.XJ5Y6(S'PH)!*)O),?"G0T MX2_R'IU(T5_U?4[G5'^=-]^I*T#X;V';\[OI%OP8]_&P@7F"7GT^>6VS^675<M#^8*]_4/5JY:,3HI=UOQC^_;M1ZO_IG5I5@5/-=!><$13I/05+PQQ&FN5@# MB.6,I$P0F\- P1_DSGXAK;0YD'$=:=S-3O.X9.'5@D#X4Y5P6)BQRC7#&,L!0$ M4<454KG>ELDBS6D(JCN>$V;'&N2_"LQV6Z@9P8/%(#W<.I*,L_#U%+H"&I7\M;,8;N1 M2A]"? *U(1PAD+HXEF:3*E#X,?CY#,\O3'.&8)+D6"YF&&.*A7!69/Z.C0T%S-MGJFEL;6A/;AJ.D+ '),SS'8;@GP8*[I]%&?7*5I4O)4]X,*Z37@Z'1'K4A1 M>N !%C>PYYJ*D2<7Y]5HKYL*EC/G=KD\1Q;9V[O'ZZ;0[7UXPTKV6\ML>DG MQ9Y>3ME&DWW,SNZ"E/JZO8F4T8C%,LP0QJK0 M.RV5(\Y8BA@=+\R+!A+$8=_%^0- ,,ON')#2XCVY"G-[(#%-SH;YJ[*MOTH@UR M=J&))SQ@7]_1==49?X1CSHM2!6UP7'X$O[[_5N\W=_MY!U9MHWKC78D)!(-&,$/>,"9I_5OJF[HH$9XU*+A,-&,V*[^U##+/,&?L(PCX MNN.QP:S POR#1TPIL_0X@^042L"E+194. /1#R_)1,.V9@B3)V%GSGVW=%;4; @H,.Z5'$.M7$HCEG4 MY(C08:.0$4XH+4B:Q2&(8-[!:KAWG6QU%+- $X78[W04V;2^WZ]+FJ<@I -B%@7"C8!Y]Q /1#P:/=47T]17#^]HH@';.M4T.>QV:/_G727=I/Y:.!W]^WM45=25%S,>Q]^4.U-Q59(?.(AA+Q*(T1SG&& MF%0IX@E+9)PGC$AB6\D#DKR(%^GN,7;:M*5OQWJWXS5&HJ.$"Z$6*_/R%FQ M@TW:OQ9L3M=H_<+GX1;M=!A=;]':0V%WB=9BO->X0VMOYH4KM(!X/]XK7K8 MUN6.58_-9OMCJ;5.@2/3TE@I,6]G[#"L1Q+^L;&IAS?1U4[)VH;W3 GA!!>8)G0"9QW^C/NS4?;W*22$DBR5B,98(M8YH@RN+",+S&!2W"(K&;]<<&GWEZ=^*'WXW H)$(.#'Z HGA^3O5/F 2\(. MJ-/ID)1N<>HV^&&RQ.]7.S%CW&[WX&-"[U"5^]FVCZH:O=XHU_= M[GK3] ^,/]9J;<[LF964K->,I,$4DSB6)*(B&2$ 1IK3;JSF0<[193>^%6 M7TK:? BG[*MBG2]E#:,,,9RA0FR,8=,FPU!2!IMZAZ1L=IRAYT,/'G1;!08VK-MH%'DJCDI.^KB,\6%V^]IX04(7G3]A0/R?!EV& &>H[A15;&MILU%U*,4_ZW:_ML7)=G]8DD60Q3HE $8\HPH5BB- HTX[$[(,P5I)9YR?&A,V\6O?$M_<:@DX! MA_7;"KOQM(1/1(#.8FDP[+,1/D%ORT1N YYNJ?I1"O?M3K/>F1=M;]5 IT=Y8 MT#^OE? G!,,;=;ZM=^:]VI>%9+O+:#.%!*XR,T!"S:372%)B<)IFH4,RT_7:D% M"DK[YE*\VJC[A'8'6LZYG8^8UD<8;[E &'C7;-IZO2["HX:!GT5X*CDNTF MJZ^GQT99WC#SU2]KND++MLWR!N"+[EG^1H:78+ _7>&PWS2TN[3 >W^[5[?:W M*^K2KN6_E'RSWNZEN3"V-[7[3]:^@O$TB?,0T3S+$!9YAFBF_ZA8%%,=_M;'%.K!G"K"3. I'}Z.@2-$L%1BRN[1=X1R/'LD7=X@#'2:R%CGTKRCI!,/FDZ M4J#!$LCJ@223W3B+99I 9O733;_''8B;0YKVF%K3[AI6GL5I:CJ4AH4B")-0 M(DH3H1UCF$:*Y5%16+&I7A8OL^L+_T[39UR^8#$^#PJXVVMPJW\,.3!?2 MYO/V CB;)OMYIU KQG&U#QHT1!1\ D'E^-I'E3\'4WS\"<=F8";BX_?E-A7 M33[MY\^X_K.L5R3G*L51B$)%!,*24TI%0E"JF$I(*D.>M@$KFK"7/!'L4H.CV.!W(QA8-V%L67D)V/6@EVF-OJ?<#DO7S80957JBMV!^URP?&$ M,>$Y\]M*7E>5Z61=;M]\O)9EFQ@_^_#,/]LGK:'+L$]HGS=U/&L]V4J8B[BM-M6'.PIF7JOVY;U5D;#1!@_H)X^$/PI,??X]B?M(-)92 MI!(CD5.*,%<"$288DB)CJ0:,R8++:9CV>C3WS]- +2$+1;YW/KQ[,$VR':3:3 M.0D!C.=VV6R=7AG;!+[V3;?R?F4WV%(2\)WFMK@<'!]>;RJMNR MO:SF@/5%!Z]9A#@$;*X^P8O0(,3!K[=;M'VK]0WW:,G;?ZQ4184&R+$) (G2L;%=93GJ,3#+\N)GO"[^"U=OC:\" #M&QO.;#0ND)R(T%&[#KU<;#[1^""""$]MEXDPYXA@QF7(1"@9J!\)4/[*-@AVA>1[GN@X# MCV1/+?KJMN^$&;DYUT[9SS^/)*), <82)Z=\6TA#1(L\(S87AQ+4-52]*F=GG M/.DW>Y(,JH@81FD\D/1B.\Q%S&^V?9CGQ7RW..X"#'Z"LU&![]*OR\\N%EZ- MJM^/G\8_/(EU]TW7_WG/UCW"I&? 4IHD\BHND,CR1+LCS@T#;XA"+(6,.149 MCVP(R1UD9QVR4*VMY%PSU]:E1?7GCD+6">MRGS0@@\,3SKX:=$P.O;PP]"AAT-K[6(KT'$"S'U-A4O: BW?>S;KN_2+? NSS;O^4IF^GKQN!*]H M1CEA28QHEJ9(AXP)(C+!2.*HD%3J2-'NYI*=N)DCQH/PIK++*I:7 "%AVFTU_M$,#CV+LS/2T;QP1MN@VT<[PY[M"RZ=<)SG??=CHH9J5 MHPGRHRS*19XSA"4Q?>7R I$"QT@HFJ@\+'"*1@OK*O10Q^V3FIMOT0.)3(?P9 M7&SG\!1KH?,69*C#1+UDB(?)^4+ PA/RDH$O)^'%3H-/$/Z8M;PI5I_Z.I# M1G_/5;T#+AC#@\SWQ7LJ-S@(GF6UL+/15Y0V86'+=F6W,OQ%$W-[[^ [!U\, M.TX39GY5N[)RDV;W$#C' NP;V/4. M/[_8'M?"C/Z.UNX!MQ7V]_JA-OOF.L2=!M(0"!U6UYQ2A4K-) T0CC$'6*1 M_DG0+$J42C)F-",],0?3ONA\G56_EA(RIS4OI6M;^O8I6P,*,"J5C_ M@EF#4G]5Z)) M@-S.0P?RXK>L5 MU[N=+)(QHE$1(XQCC$B4I8@50]5204%-)%^,LLPTV7]Y=R?:5E;!L MA^,-["=#+7CU^IP)3^]OJG=;JUD]YT)F<1YE&&$>;JC4XHSQ*(B1PEF,64X3(K4NGW3H*29'<7Q M0*XA"3+2@TZ\_90:1FK2 K.P><MT? #SB_DE*S/Z+LKN>/B'[G]J?Y[M7]:"K9L:P-OO6C%6[(QS4WD*(ZYRO?^,&8D(B^.<65U"]JW8 MS+XP#I-0?],2#"[H\P.IW7[^-<"$,=9.PZ#3I.F0:=[M%\>"HB/_]HJ>A4T M6K6WT9KBX6);G?982SX6BOQI$/VHM7:WH%FNN/2Y*4A?H,E+L\C';6,%>,(S4^\Q3OYTEZ+Y>-Y@WC9I, M- !>AGBVD%%6I$*R!.5*10CC1&]R2)Z@6&ID210R%DHW3FX;\3/[I3X+]TD= MPQ!M%*ZMP2$UVXS,Q]H,_6Y[""B-=*1-D0)+S39%L)?R5B; @PEZFP0;/ M-*

*PKO_KE[O/ZCDO6U_)_:=*F\^XVMOSY4,_EA\VU_?U\|FAORJ6YSR]?=NF>Y MDX"//+.3Z>@3KDW.O0ZT5ONV[4+=[^7:,G!^50_;RFS^RTU'M%"W,PRX'W% M=WS#,B^P,$?*

DB.GNNSJ#J\><[32:8I"I7[S8[M_8JH'"(498R2&&=1:%?:?F[PN3U(RXP M\H)6H)T+.8O#L(.8:AUP^ML;9CUUARP8F)CZL79BZA].$_/L8(M,NR$S#I-J M\#.3=Q5UO;]_:-@3?JW-)>LG\6YD&K"'%$1QDA"$##2T?30N.DH(DA$!)2&;5 M P,H=\%]Q+?R;E,6I6";77!M^"2]DJV#GG;FJ<],M6LZ()AEZOU^(_7R]$UO ML?=U$T@!S@&H0=O-7P!ZN-8I(_?*

*0OL+&_/]:RQ&[)6CL(&BH&MA~T,+]3 M5[O5&$SW@=EU*$I;OIV5]G6O6?E9B5R211A M&0482EX(AG18XBRF/)8E[@_MT&K1'A8SLU?I"PX.DH/?6IF6F<01G(9]@C_K82[T7#KR6YGU]#5W*4D<%T,Y]@TC:+>Z^\(%-YXOD%MZVW1#[M9B6V6'*##3':CM3"R_E">^'"1+--M?Z)WHR'A/].6.5IYEZ2LNBD*

M'3'U^7P=^[AKGNM;2OW2Z^ZWCWKC%:TX$XE(6(QD*O6B',K=.Q)#@F1,60E71$WLQ3M1,+6SW'(+);13T:#MS@MH#3G)# M$]K)#G[]I'LD1["TT]/Z.B9MT7?6TO3GZZWM8_ RA-]R%FMY,.VW15ZR.I'M*91@5?6H(W*QG55WJEY%-"VE+=*V MI'T;@6@]V^\K3]RK\0#TCQ\AU]= E.,JCI'M@D!*3%QP$7@5.9/FC ME*;OR:@-H-*Z8,:U$8^?*

F2$+Z+Y7(2=I0B5'#>L'3L(,<=,S,DY$&HF()1'.05OKR[+F MWE.,!EL]T5=!]QQ @Z!9KF)[@,%,[.,PI1RSF'5(XU:ME1@G&PKH5 M]3D);-=E^*Q1P6 *69909",*

*M(HHPUYZ#X)A11T**I$BXC!(K]S$]:68WB[!)Q=/. %#IB_.8F\"EJAP>_=[[/WWW:/)1O-K6LY/LUN[--DI]_>I'=\6UY;O)$GS[??&A*Z$MMKRW? MZH#AX\GSZ3:*

*[:);/FQO\;F1[NID^;)A3^OS"D(NESX=-ZJ?/1SX)C[']?[.O= M]EY5UYO-GJW?JGNVD5I23'C,0Z0HCA".18Y(G H494)'UY)&L5VOWTL"9IYY M!Y$!:V0&LA%[']WV>Q60\S)Y]*6R^S6*D?*

80]U5BW![MH-"C,'K0)H-D^.]AB M0?:0TOT8>_!S4R_+'P@ZGU%$KNYG?&4\1 K"\">]#:AB&2VIFH),IB M)+;JR'>4/[//Z5^>/[+/'C0);IN..+M2E

^L"]AOE%X=MYM)5^7M@+<+W&>$ M$^;8^O1<1R2!?$0@O=7T>(7W;_1VTE_LCT(FLO7ZF'#N'FJ=T6A990_5'L!-MZ9:1:C9306G"1I3KLEF"/I6;K=XO/OYN$;8?

*I0JF5RG/LH282F9&3.LVA1%/ M\P()143*F(PI!OFNR1K-G:,\Z'=H\V5J^YLV 4]UO HN78M]TAZLZ9XHAAJ"-MS?3>[%S?HF\#F$M=^D6 G:4W\#RYS^GZ+.I0O<'WW,7Z&]C-Z?*

ZZJ=]6O_\R M9"E_=OZ]/G36K+'>]K\V!T;O-28W5;FMVA:<^K,W\YU?:O2B&N M%P&@3:8H0L8R;3ED1RQ.:RX2FD"V#?Q5G=@3G>]4<_G32^BKXZ:#XWT[GHL6V

*M"IXIWW3*W6V#D_ZP#]SEGC=L7KR4C+W>PZ9\"3"UUG/^!8YIQ1U=WC5!4VQ6;F M%N9&(]N2,,#U+ZS^L/FI_X+=J950.9 MPM9!BU?0:>*Q,!AJO*\"8&NYRQ;Z0N%X4=*

*+'L"QUYGJZH!-Q?CU;E>5?+]K MKF-LSS=<6A$689QF!%M^7G5[UFA@X.V\T*QPPKR10?+)A83@^AF2%ZXQ>.RN MYHJ&KY9K8/G+!F%SA>=%^,[*

*MM6+7=:UVS8=O5/7M.ZMZ#MVU54K5]7M?ZI[!O>U4EF44%!0E*2)#*2O@&N M$--E=!3_FK4X/3G=8_+!0QF!G2F- ^92KF M<@\;* O/!R9"KX&@*S'O.^?[M_,Q?Y*W"//)?XH6"G?*

@"4'MR]W-JNNC"L_#D MSY>0)40ZL!(V<;C>LM]O9;E[/%0JW-S^L?UO MQ:IZI1]6@@<(AIE(<(]C! I"$4A+SA),"]$9M7S;)H:,R\1W8[S]-FQ:E8[ME5:YH-/N>)O_*M *FDVH5C%H=*

10!;J_CF&WOAS(3COZ?P-\ 7R-B^#L2.HX M]XP)LC), W11;H/OARGY&0 GA!/3A\-OGS\]N%=?:V1U^OF5>LOXI?B'\L_MRWS]@JJ2A'%!TQP1'AG6"9P@GH9ZJ4AEH>(BS&-*

BQ0X/$SOS\F 4"=A&:B=5 M&J:73AE[QP0 @7W;?5?55W9G(?UL]-H%_O6)2RI#S%"61\94'"*\0%SQ'C M:=&R%DKKT/JLA)G=8B.S(Y"]9(M9_@YV$9]WR3C84YN=;.D[PVES#93GN?

M-=E>-_>+E5?E0'QN&O:@9M&O! YY]:S-G.BJMWW\,?=&S%(_1K;+('LAG>G,%7ZKMA MY3MPYIC,]6>U^U+4Y]9;)G.]+B M&+]#+B,#Z&RM&O4QC_1+1#QV^[K?*

C'SX]OUJRN3V==$A=%)"A&C"B" M,% S2)8Y$ARTU_L1X'EIKW3D-VCZY2.^X2$9- MU-G(#CKA]IOT(8S&TQ>>+ ?:,",T>&FT0XIB\!MBG93PA();&L(=#5#ZP<+&

*M@83#T-.+11@L3.@G%6P^[M R6&V;-AGK]>,-*R5PPW#^Z9F=S,V[+!%!:F#$ M3ML??$!@?',PW7B8GYEF-ZR/*I;LV$SP^Y7$?A09.>M!4> _]1,_/^R.WCW MXQ>^+N^:-*

*_AATVZ^\$YAWF^KK^I>_]2OFCSBVI<VZW7Y3N\V2^>,*X$%W*4 MB%P@2\3

^;I;R^5VD@MO M'O]:^T77+>)$G]K4=S79L/I0Q,!EQ$+,"$J(C!!6"4$D3"@JB AYHA)%,V![M\)="9I_S-Y5Z.,SK(ZLY;':?@<9N/D\S%S:#V[+)5M@,U1V73?$T2<\(6'1:
M7C;P^40<^*0K%\)&_6$*1=YM5'7W>%-M[RIVWQ4M% 7!DH<492I+]18%8\3B M.$=I+/7&A82(@R@93:8&ZB-DLT9!^"F[J27,NQ8EH0:F!3YMT+9_GKT4FB[W9:>&W70%6H?
M4 W*[TY]6(L4A M93E'H1 YG$B.JX$T4X,1<'8AIEP!.P M,9$S>X?KVT]N^TH+L.P<@U\(8"ZAD1VTPH-6>M"*/Y%I?AG,@#D_O>[@?9IM/9$^GV.Y9AH,8W?M[,ATWU MBY:/YY. $-
CORKQ!X;;MF@):$=E9>; EFGX^<7V1%9F]#<]=@]X(Y42^CM@ M6$Y4V\32E!!4ZKO:U.4/4S"TO5>?U>X75F[JC]NZ5O7/2H>]ZI;]N6)$R)#& M%*5Q42"L>
(1XDB8HHMK3I047.4\=2,)]ZF@U&R:SBO^ZJ938WFW*?^EX0.]/ M]ZPJV3I8:UTF,TFYOQZ[.&IQM'UR1ITT/1":]'4-6F6#GXR:?[L*C,K'/_!& M:=,\9E:NJ,E8SD<0Y:[::[-
"30;5@@IJN@PW#_WSOM:JU"T#?%V:E;DC@U=O MM_=:WBI-,4E3)5&6$;V9+,(0L8AS1$1"\H1G49A94:Y:2YPYN#S(#WH*')L1 MJ.#W5@E@A>4XC';NT2LX,)\W%1>P^[*VU9-
/&I>WJ*.Q-O^Y]|!_$+Z__+C= MW.DY=6\R5I>SWN_U=Z@]VXGB/"DBG*"8) 3AE$2(L(2C-.*TB+@HBL3J!K:# M[)G=A-$&&74"H_X"8_1"WJL!D5[?-
LZ(X8P;_)7A,]^RSLCC&Z;X!G@!&V. M'0$9V"Y#1UQL ^UH:G]+[3J$2S[P_K[*1Z?A#B@*16/L/A;';F5)<<>LN&V1#[EPOR'(/6#'B.|||MYCD&U>Y[
MCN$/.O3MV=ZK>E>*YB9@J0X+4":$8(PF2,62(IP4"G$<%DAF62)X3%.:6A]! MGAUPP%M +9[+1CDUOX,;#FML, MVC74Q>;\@\NUJQE4_$E?FN%/PIW)-
U:HW>.UV)4_FKK+6F^1NNPS#W/!68X* MF5.38,*(F?NKN! D5PJ+*+;J'3HH96:7TLH-#H*;'GD MW(9G''/XL5DF',Y M:RTPK3YLMKV/\6*^FYMQA 'D:D;-&_ VEY]=S.&,JM_W.>,?=CL
^ZCJ6JDO M#ZIJ.J]325%(%E.4L91ICY11'>$0[9N(9#0.91*FH&[&4 5F=E9' M1<8NU)]RC>;L&Y"Z=49^V-TM@2_<5C?IE&9<^_+CAHTI*L"8*#$D&K!;0 :AQ* M.Z_C&2#@?FXB-
@Z51];6>BLH&I>X<)V0-00ORW_L'W6\3692/6_9KND8O\IC M13BA%$4\,S3I0FEGD,3FS-Y<2\ZH2$ DCT]&GWG:-[("(\R)^>PI$'93V=D\ MV*2UMPQ^K>N]D+6N?,>G$+Z^R'8--
(";EZ]T^]V_BCDO6'S;?] M_7W5D)W5N\TM7[_?5MEG,'>"0<\^JN[NJ*3\.?JG89M=^"T]7 M,$V?TXYXK_V6MDZI#KZJAVUERE]UV&],,
(O,DX:HM^;^F]T4A8(\/'EGQ!%UF.NTA&Q,VZD5N+O=]L?_UN/V'D0(4^. RIG$9?B:/S!V;@^/H'%J]?I MNYL0E*F<1"1%4A&)<$)#Q&+"4)3Q+*6<1Y*!EO7S8N9.-S1U]#8=YB'0V"WT
MTPV&N887MLY $C1LDT]:KY="EJ?VNFCH67JORY^&GUC<:"1552G97/=\6_XH MI=ITK,=: EM_8M5=N;E9[^OH[V$8KF),\Y3A#.5*Z1UYDA-$"YHC+--$8ADG M++/B;7
1/O,XV@'$[FW'%Q/$D9M12KPEQ@>4%8X_3(#.P=[V[?UAO'Y5J/G2COX/?3=<<_0VL5R1F4F2)0C%+ M$H05+4PP(E$FI0Y5BMP$*MXHO2[K,;,K.@@.ZH;RZJ$3'3SH3WDD_AK V=
(= MS8\>S#'94(0=P6T_?-"L(;?P<$W0$S9+\(D-;/'7(1D;APK$/&8QW+(!@A5>2%:>X=(;JR#$6*$%%D G.>'>A^
M['S>3)I:S>JGI#\PK_B$[^?!*!/4K3:!T.HLP_DS]KKL'.=KOH(%F8!^:A7_ M6V#(6JZ"1ON@4[^I! Y^:BWXBS$#6<+\RB1!8UK^6_ %64+MBSK(5IS#28B1 MM-
VP32O^1@]>'5MO=WK6U[QNJ+17&0E%HB(=N(:QCF,3)1!1*D%AE"O];VE> MY-9]$$"2YSX#:75INA&U'N&I.@<'8OH7=AH![D+ ,+8X^I@+.>"YQU\(-,!Q MQUS@.9YU^ 01=LKA
L30$0=HO.7.-US,?'*XX32 QD(>RAW;&W"Q#?K[5Z: ME6!O*M)_J708LLJ23&0X375 303"V'"X13%!)"\$*PAE,K7JGSDN:F9?VQ,> M--*#H_BKH%$ 0*,QC-
FX*_6'!,QW+@@"@%3$&QB.["+NH,!H1JSL'.(;&1Y@ M.>(1*T.>,)#8/>&:2^@W2GB>C37[X%:RV59I-]IPWZU2FB@:IPKAJ, (I\J< MS202L9QHEX8C122HF9Z+$C-
[O)%SAUKK=16<-&NVG<%!-VA^P.$5V&[^YP76 M^UF. Z8.6W5W4+SMPQU46'B3[0[2RQWTA+&FM#;7/O*K$JK\8<1=K]?;/TSK M7RVWW8NWO+[_I=527XJB7N61C",
<490SGB+,5:$C-4804S)/&W/S.,![O G;0T*6#-Q!W.U\V&XP3.GV;0Y^3 M.MJA'10*M$,+6I6ZC&2CDX;:=_MO-T"\M@0'JO *;<+=0#K?.MQQ+#<_]H;5 MW\W_Y@++#^TL-
[OZJ]+;UE+H&6_^X7HCG_Y%[Y.K)(_R@NH-9\$QUW$:E8B+ M1&]'>2%5SB):*+EZ:(^L=JS:V?FS23I!9N1SS0";DOK[52#TKX$ZB6[R-=51 ML?;?
V2[@ZJ[<;,Q4WA9!*Q/F]*:])%E$@BRQ>(5XSCV2J]?/X\PSZMVPY.-QLQL6 QT:37+"^\H;<+]$02H M0(;%-%X6M3""P/;2U BSZ(3#CV=RFM:R,9;/FM5UI2O1Q FOY3^?ZKT-&WXT
MP%S?OKOI0N_70Z'WI@C&6$S=@!6[L/GQ5MNJADR1LI2D1,;&D@C'QAVC6*4H M3VBIH,Q*&H.F[;ZI-#/K;%NO_7\C]K#=[:O_:L\LF^_D1NU[,ZK^8AVZOWJ, MJGK;U\!-
M_^W>;BP;X/#J*OS53+/!F"]!" Z(1!9-199#,SW19LW+VPQS)_B ML80\>?MFLBQ_P/>M']O9<\1OSI1_C 07,0 M%)X9&<+//0D2"!5XOL,;$*^TAH.8
3,80]063U8XB'XN+ ^%RFW>5=G.^ME57 M1IF\:T+LQ[;=J2QXG!"$!;.U(2)')"D8TD*D*D]2)CF&[?TA[P=V>E M&/)12Q]<*CV$F>M^#X4$=+M? F&&KB-
N0H8K&QXBMG3UKX/@9XIX7>[RV^G' M@QYML6]S^N,G5BO9[R;U:;OY9A2+T32V"55]M]VS=?_?;8GPI^W^/]3^R_'H MP4J4B>!I+I#*J+(%9#GBU%9;I!(G.M%2Q,
MANCWZ;)',J*=:@\'[+?1YL!^Q!K^83IHOJ?IIK[^%$\(IOD:'E'#Y*%9=72] MVYE+&CN[:9':/9&&WZOV1(9A,/JA]M&)Q:O@?5-G1S.0BIV/ST6U\^QPOU3L
M\Q/TF*UQ_E1@<^#_6/U."QJGF>UG']MBD[ADQO4[I M.+XH!BG9(M5FD:-OEI._!1K4 1!V:&:'RS++C>\ "/5LD@?D/L_^UW6M]O6[M)V-D;_;'ES-.
<*4'4NFB1U6+0M$XRQ&RF"LXI0($A.8_7J6SNRV9T2,==:)&_+XDI-(H3IFGZ6Q;.?L(3%?== >O!BV(>O= M?O5NNZFWZTHVFKGIH=(T8T]5(C'%&)&22H1+8>?
HV.BSRA3%@L6EVTG0RR3F MKE'I$VT;_H!ZU]@,[P?PT@,VXP>PCIOQG%YAG:BN;NW"\W?3CMP8.%%MM^X M8(>]YW EW/+_HKYMU]_,![:M!36?66$-
I'OUQ=8AMEFGF\VGF\^_OKM=,1RK ME),"I5(+A!77B"1,H4*J7*IFGHSSZ4 (X9DWZ9&52+3USX]'9J+=B1O;=;WE MQ]T@!L$[[C+,!1ILG_]9\')W).;"S<^A"(KOXSF0/Y
M]9<%&7+CS]RUG-=^F>5G3OK 97X^^]/;]R MMVU'H_QC8W9GUZ+L^GZGFMOJ59+&M$Q%@3 K8H13DB&2*H52(3-*,.OQ%+8-=+[^HSZ+-
;;VOUD]VGECT06LE]KTA,Y;Q4ZN_$^NPJ,'T M9^<685CTB881UI(BGL<8R20IDS+6C/+2-0)SBAR<>G%PBYCPO4#+Z/7PGV X_C?C]O=
MAWI?/=AJD"]F*\OJF..MS0:4*BMBCG!!$X2I3A%+<(PTXPE7L10J=ZJX=:8X M\VX\|M <.%<'+J+=B8VF/ ;0FL@-R"W*C@\L%W\')DC U&/@Z8*)3@R[DY9 M<(3\W+3I2($\.)#4
SZ=VSJ+>7D@L?I^'^Q&SQ[X9\MBCLG()-4<8X:1XK8@ MN'U2:"T5PYHZU:*XD9N[$J4I1N.#Q6C-T?\/WRUK\-(,1U#=_*]P M4('C4:,E>U"4X(WKG80/U9]^F-BR;>B=!'_5;=
[M+H^&PN;5V%M?Z-$^^X,K M=,O7U7U#HO[X9.PU]4NUJ1Z>'KK7I7[_I.Z^JIUJ#A"N=,IM]JI$*K;3%D5. M$.%4H"3+F='<2L>)C$*Z#!;H '-6ZY+0P_3"]-T8>T/!XV2?
@V09YD2AKLD!J"S7 M2SD<),|Z+ =<%O;!LI/ C:E\O]TH6ZW]3>U^V&6W[ZOZ/Y_8^G@8N#G >^SU M_+!W^?CXKCWSUZ9C*3KP%,FG+N[]G"T;^+:GS@ZQ-8QC;9QJBAG"/%>
(:2%07$@M"IED+(U=8_T7J4 267ES$:#_\'D1QH8?H(#>W%,@&CXO53 M >,7!PUYG4(+,Q7G5C%-=-YY"[KVQSVXS#K7]KCI+= M;-
I#%"\:"/S=K+]_S_;*SGAM#EBLL(YSFNH,Z9(T701CQ HM$2_3A*>R*!@' M=1'\TT@VL_)IN3G30*/A)+*L1*=)ND%B=V_P=DP*$_ZYG[E_1+(O9#\L&?$? MT=G(97NJN"OZZ$G;S>?
9&WFC3N"KJ!79%H0>!G9.?,5"!3[?[G'.&V-] [G^ M#.'/A,-B?8W#Y H< >NK>.,"[Z3L(&*IK_A"I9;OC.PC] MJ@N^RSU^V_N+LH9_M;EOXRSUK?
ZB[NV@S>WN1WM&TGCW__ZU$E_;;^H_=-N M<[NY:5H[6-W4'FT^./ZM0KJIC7_QK9)*KBA-REP9?SS#E"(L*9%1+).%=$ M%XSD*:C9WIS,SJQ>CJQW :W:1KI.W'?'G)MRD#^L -
&G;=2*$-FCB$*TQ1_AF>*%CE+@%U()4]*ZN+JOPE0'_Y MR5B$IM\GYQ6.C9V@"GE"Q"YJ=/I@L,4(5QFL-H:%BF0PKE M9%%5,2SHRTT^L\VTBB%%4M%FL<\0461"(13
MFB$F%45%J7$J1*PE!E4NCM";/=UR:"':D+\ZG'?J<0#;NF/PN>WA@*! ,S'^ M>("WM:.4@?;W&+5%-[JCZ"]WO.MML*TO5;7JID7^^/!=?+4AJD_L0:U45FJ"
MJ4*TS)C9ZRQ%7(L"$:S25&DB<>F41[E$8.ZZY(YD=* 96:)N^_DB)L,;.(2D MP" ^3$CG33HFR4!!A+FUW9#FA],^O+C@(AMO3)S#3AN]SG\NP2FF^Q.KJ_K7 MQYUB\G;SFYT:P]?*-
D!/5@S+O$A+C4B>Q@BK/#=FL!2(2)$6A)(LSYS.*T() MS[P5FT'$)SZNHH:3J&7%.L0'9CQG%CAAZ_;MG0,QV)8.!);7/ .(Y $'&SB1 M77S" 02,-:;A]MKE<(&]2S765WVXWY4;3]
M^ZL4C6A"C+)"Z0YD2;/8\5XH4=H1H3D4B=9[)TLB"@A&??_BTK4<=+=&(F M>LY-]'O##Z#3$PC?8X'S;W+D"&*J_'5SZP?YV@.46 M[&\'%_)Y?
SN/^SWZVXFO2CZMU:U^KXS5)MJ#X4T&I&[.VFQW_]@W9\B;8SG7 MJ:G1WJV^W57WU<9VP:GW#2-WZOO^)X/ OU:&_/=5_-' M)T73+0'0V6^FISO^:?@3/#-@>&FVQ]5]=2(K1-1(
>G-.-,3!/1W?/LGZ=DC M:%[UCMS9E)^T9 N!?JKV1+J>B-_-B_:^HY] M[SIJ=.?/5@G7.(YICF3*K(>D&6*Z+)$HA2)2J(3 AL Z49W[L[H'QTW=P'(+ MA 2'
/:5.HS/:.@WQ\@:#IJSI(=V*G_IN/AKN-@(2.I ,1(WFHO&2D PO(R9 MP&Z&6_*GAI.'#H@:_) MJD.K1 E[?LYBY,X;*MJSW;M2=QZG99(XMU5R(+ALA5-T8N)0V].R
6C,XX+BN%X)C0U,U;P1+("&1('A\>PX-!4F M6#,A@,Q#W8)HT/;&@B6QH;\2-5Z('UU^"X M.4,3!08&Z!I)F^IK6W(0\L3T12F"G5U^36'A4\0717Q]GO?RI7!#Y&.U81M1 ML?
4OBMGC?,VAB[;P0 MNS(S$%E1G$N$L*^WL>8YX3+(XX;%T/%,[3&9FH^-(M..I1!M9IC. T;F"$D1ZV&Q<0W-V$" . G^%P$+DY ' MS$H8%Z!O&SA[6GC2G2=LT\9$[\>?
VZ+SZVE7G2E MNXIZ;-GCG"\9\^[JYXCEL$Y;!$:@NH,B&/WNDNZ;TM4/!DF(MGZ.%-^JKQ\, MD('&?L"%_%R2IMN)'1]4-2=15RHA3&%=(%EPBG!<:,0S>P1%QJHLM?F_V_R>
M"^O/K&':7D@GE$"D6.AXXPE2*J\1+@D&!'-2Z0+7>0R M(9E(G4J4?(C/O!V;@Q4G7JZB(S?(F*FH-OS CYXX ^NV?>>""[:W1Y"RK$#J M=[R.HD!1"'@VF[ABRISY&;84PCG.>
M)&6!M%;*#CU5B+ T1W%J?FL^_UFA"O>2=0#EF?7-ZW8P36G"B9U>CRV?(FP(MQN/QDMF0@ZF>/Q-HD-+UF<#SK5UW!S%4];H' (/EZY#U%JQ?]Q#S>0&[SP*> MAP-M;\A;_8]:-
;1N^9Y5&]L[\G"RV:C]-I2D?E;,:+?#8+05I83Q+$D0X*V M4C>ZF6>X1+24/,28U!H^B-Q,Q\7 1JHT&?$&'Z<<2H^H8XZ>O.Q[#'(J7"].B(Y>4$_M5?
CW[5;^4:W71MW>F(_IYKXRZK75P">=>VILFV6LE$F.F,R;\8PE8F6>H1*7 M99(D-*8%2/V!J,^L\@Z\-!;!B9N#G= WKCR;W*P=M-KLR$(TV5!P0,K+R\0 M
BDL&.U%E907+"\5D]\BGCW6NN%<1M=]48BU0/ MCX?\T>.Q_JRV+ ![L0%A=M-$$0 MJIL;D/JRW=W\H'G5[;=]K[ZI]?91[5989H5.L$0Y-[L5 MVY]8GFD48US$#&/.=.X:1;] 8^9->J
:/1JR=CZD/!!V#_!>0F<_AU 9MC6 MG%-<]\AU +']8M0>XH,BTB."#<2>+]VY6)1YA/5^/'GLT@EE.*WWTQVERU1F MOOA4H(QRCHQ*438V+%!2)FE2IDSC6($+K;]\3:8 M9(7*)-
**&9M;BQS1+"7F)ZX20@@K"Z=)MF.$9L]_'\@V742:SL3>W1HO0.68 M%@D ##KX26[1WO&8<&"=6:\0&;AIHS#PK[NQSAR/=SX?M]YW)_5QO8Y81O9 M*(7/VWJ_.U*S?
4T.WPIC>J>YE,9?5CHU&[A,$3-.-$HEJ1:*R&P\WD>*/%% M/JG/J3>-@!P_L%YXCMOQ 3Z_XL-E7^Q^=11 SSA4O,D147AB-JQ2B M+!&H5+%
(,DGS/'=JX/!RX9FU:4L*:!Z]$GY8/4X1":;Z7*4!S:,XQ[K7'(IG M"RTV?^(<^_VY$V?_'6ZB7!M1DV:6*'AD>(4ZRQ%I,"V"[P]35S*NF)%PI MG)::NIH@+Q>?>5-8:A&SY-
R_B:_D'S<9ID@%VQ_CQ6O\@@D_5QMUJ]^9#VZU_\A$4S3U"_M> M/3R=>A:\8X_F7_8_5K'9]AI+BO)8B'9R-R>"(DV9*I04&4N=*NY]B,\>=/BV M77^S3;I%PTZD.WZNHH>6(UCD
82K6S1B+K1@JLAR88L%6CZBCT>8.E:B(R_1 M@9EP<0L?" +%,D"D%XUO^(#R,N;AM8:'D=$V7J]M/_;J6W-LR Z\,!;_Y]WV M?L<>/F_7E>B=;8]%FI>%2I!(F-
4XF40D3F.4*9K'I6942Z?\@0_QF37.@9WH MQ$]T8"CJ.)\Y*'(.I@W,^(%TSDN4$6_M^SX=08'PP>PH6:$T<_&.L*Y.\&Y M/\#YZ
$GS"+SQ&/(8H,NN9Q%YRGL,XO/=PT_B_!F8RP@5JOWJOWS9M,FL(38 M/:G^J:,5+VA!,DV,.9@6;>D(Q4*C/%=))D6L,'$:] FF/'M!24L_^LN!D[_:
M(R==NK3EIG\J#F89NN/K9A;.@AI,/P<##&P0@H4/9 VZTUW4% 3#\=(.A"_@ MT5O;YJ_VU3>SN-@^J#OVW8XTM/UB-M;P;+YEYI<-3;:^EO]\JIMV%O7U@]6# MJQ@K;O-CJ%""
(UQ0F^;FMO5DD>(RTT(FSA5K$WF9.[A[X"YJV6LZTUL&H^<< M-K_O>(QZ3 *:8$]\)N/6Y()(V/.CB!?74+Y*FI97 YM0(/RY5#W;&<^._JP M7NAA\!KJG#Z1PG)]UL- \:PK>Z E??
L9[8SY;,GWC2P2TSPMDP+%A9U6+S*! M&.8)2M-84UG+(4UKCH#)69OQ,GFKX'S,]CDXF8%(E(D6IF7C#&$$N2'.5,
MB3+&62DQL*OS9'2\^CI_J>I_10]LP^[;1/_:UW8_#Y.;G3Y9=-AG#?1.>'1: M&A F6$NE X;X.&:4MYM[V_+^%?"^ M3\/-IED
8Y@6;>"]FP5>>+)Z&CBA\M:>7"R;PIX&U:ML]L3EX%WP;S9U9:Z\ MV\DF&6,,O\^[K>C&C7]C"\V>^VCH6_M#-B/K.RZ:JFG+BI)/=H!3 MQY%[;_MQA(953G!PH"D.$"
[1[Y:=0+WJG<7VZDL_OOIB/>B=!>WWFW>_R<^> M,0[*TX-MOFC41&]HL?EYK>P/UQMY_;#='8PI0_Q1[0X#C#?23B)\;!JQXU*4 M-,TRE)
(\1KA0!!%CVJ!"44$+B4NERD,_'C<3)Q1K3MOF>8\>L)-W8/3Y]'"[M>_HLPHR;8(_&S=I9%&[?0IFS.%]%1R9?07X5'1B]:J>V7S67'+D-9Q"%QB^0 MA12,K45-IM!@OK2A@J_O,WC5?
%:5K \CK&A,:9YQ)&)[O#F-!2)97MH99URG M/$D4R]Q'K/:7GMFF.A#SF.CU H+QZ)6_8#!-$TXFR'!37]D"3",["1QP -EY MB0:'E#Z[8<%QI.<8?3YX].P5GB-
&Q5=C3Z_5K>Y&N=_R=77?/+VZ:?JJZOI6 M?V35[C>V?C*76;73MEAX,3Y#,5FD-$E0FJ0)PG$F$9=QC.)2%CC/-,&YT]CV MX)S-K',.?-
I(1\=IU&.U:Z%LF+476':CAE_[MZ;Q@$_+DW!/S>Y-G $16 Y:,ROZH]I_M5KEGTKL>U><9'C^C'I/9=89*L%!#37V-1A?RPZ+ M#0WGJQ&SP0G #;5WV_73 Z^865QM-
O6/]3>VJ=B[V]]NWB>T/=#-UO]XE,:8 M7,DRB_-4VDV@SQG,>("FZ8_2VS8C?RWR:$/R,[=,:!I\^\?& M6 9?J\=#8^*ZUZR3%9CGDL9(I=JXC!(K1-*2(AT7)58E2VCJU)K+F>+,%DU[
M+O+(0'3DX&I*K]-Q'-UV>U!T8'M^,C!^/8I=A W9LWB0WO(]C%W$/]O3V.E& MCR8A,J?O^D#(#Y]48F97SZ399T?:Q$FNH\QP+)6,8(YZ5
G")O>K7+XD4L#C]%8G%*\|O"7FNK/SBM1.< MGU-YNMGM-YN/E=Y__0_%=BM6*LX(52AE&498ZQP1E5$D;&O6F*HLA@U1&Z2V MB-/3/XRQWT9<178"S55D&8@^5M\<,SUN\
'\G1"@^/@Z_GCXN3ICM/4VJ9WK/[Z<;W]X]>GQ\=U<*0SF/,LRS'BH :%7CRL6#=DN4KLHQ=17W6>O.2O0N48-"[*9(% M
(6I&""6"Y45>8$3O(@(QL4;E0QY076Y0,AO.=^Y"K]MUT^&PN['QVIM], J MSU)6$JH19;82DQ&%""\8*HL2DR*/>2:=*C$O4IA9,W6S"8Y$HY8J=.+"2UB& M=4L086%: RJGQRR&"
[),&,KPOA"O&5U@1F66)L(VR%,\1)BPVG[JX1")C1:[,?Q5S[LWC M0G#A^%K+1M3Q$1T8L=%B]^"Z$Y#C68C0\'C$X=X$&?>40VB$_-(-(9_")1L@ M8@\D&IR662S) !&JGV
W>>97%!UK=3MH]J9%V-S_[/M'OQ%;=0?;&T#U2O) M2"KB,DY:G/0K3N# MU)PQZIT.O]5_9]6F_GEK6*A7,992898CI71L?!1MNQ:6$M'4N"=ISLL"$U@C M# !UIQTPI=>%;6=
[O[&%<1$3^R>VJ\S+OS:TH:U&W0%U4PVA00IX(++/B(U6 M6E:BOUA>_AJR9RE8_F"=3-TI+]S?% S)ZZZG\"7\5,Q/S"PNU*]?E=K_;)^V
M[4)A,_282E*F1H%HXUP9=XNFB&:"H#C!A.2)+J5T.NXR1FCNU(M4X7$3138F$P :8Q0@-"UAQC,D<2$M<)+.H M2A@3]N7^'[W>=PI16U+ZX?NCVM3JTW:S/5@N*XI++,N"
()72$N&,2<2I+E%1 ME!DO&6,YDS#[88#:[/;"@7:D6N)7T48YSI)P 4N428:)I)URY$9-LE1EJ,AX M46A<*)ZHU7Z[9^MEH#KHQR-%9Z#N["W'FO#HPRQPN6G!0"# %.%KR?MT0\Y4
M&A4NV!2ERY06GILT*O+K24GCMWB[4FJW4_(X)*,CT9E8*Q)GF4@R@6C,"H15 M62*BRP0E299HH80F-(/LZ!%ZB^SJ P]@'VD0*6>_*)3\8%^H(=P??=/1CO[2 M40_K_[C(&
<[G&:2VM)_C(OH9W\;IM@F#%MLJC.YT77NP;K_?5?QIWU1C;-]M M-U:EF*O6/V[J^LG^MKW.Z '%\JSD2*2E=7O* G&6I"C/2*)RQN.8@5I;3>1G
M;N^H/0$J>O2CJF,@>MK8WKSJX7&]_:%4>W V>C3W^\QFG/!(7*V'Q8"&6AA' MQJ+#^=ONX&V/-UNH^KY:/S6S9=J13DV%6?_)'#CN[@|||'$Z=B"0$[@9OGA MD-.A.SLR,L"R?
DKT8M_14V%;KX264$9I+HW&-#XCQIH;7T@05)9Q:B=]X80Z M]9[R(3ZS>GS1PS>Z=FKA.QU2-XTW%U P]?82HV=MCGN5L-'OLY3 ^H 02$^! M2"^JE'Q >:F!O-
8(EN8RVNSAL6FW]X]:R7=L+6S79*/L7O7CL^S865=VZ.$* MRR(A<:Y0(26QY?P,$9QE*%:8QCG1G,/.]@3C;&9%=2#5#/F.F)U:O([:&$R+A- W"^?)PG7V^=K9L&IT,N;R*!4%KV
ME%3_I/8VI6@SBN^?C&7YJ]KOV\,,=;+"B>99K&TW44(1YKE E'&!N,8DD:)D M!==3*PO<6)D];7 B%J2XP!%@7\49$+2 >M+P$GU6NVHK*W'\IW?;>A_]Y=U.
MR6K_UZM^*4+3#L$XOR>6YU25,,AFTXR.;+RQ(H2!-:[W@.N%:IG<'5?(/N\4>W4;K[.+6I"R0[3 M-9?$]NA ,RC_U/;%2W6:N=2O^&]S]B5V[B0S>/L;=QZ^W#'&Z7]?D=.[;Y50
M_1;R=Z]_=ZF"_.ZKVBFFC:98J33-I*()8KE*$!:Z-#984AIK+$G2,BURPF+W MZ=1AF)H[0=&RU)^R<17=W$5G?W_A^,-58V*<6(9,?0[TY,:UZEL\#Y@&_A_R M*""SNI=_)+YCO1=\-
,!9X&$Q'!P;'HC4@A/&PX+S?!AYX+7]@@X?NNQQ1[K) M3OUDAP._VS[8K'_#QAW[WGD)'PT^'[ZKG:AJ=:N;QKBW;:!DI5/-4ATSA ML MS'>>2<2*5)G/8%&(E-(RP4['/X-SMD2*'C6<'?
9J=+W;F4M4V^'HP)6U!%N6 MKIJBEXYQ6 PCW/-R"VJ\R5, ?O?F>@#@<$9PL +%-\+QM6C (SB<+R,@X0GX M*>'CG*I?%+-YNT;+?U'B:;>K-
O>=XTM(EB:QDDCR,D>8R0P13AA*4T%L)QFM M%*@?N O1F57G:0*?/3#948;I0R?HW%1=:$!@6NPL%C.TR(!(&4C].)%<5+- M0'BI-$#WPH,1387UIM$\;/W+TWI?_;K?
L;VZ/W1U(;D0B>0)(J6ULV**$<]E M@G0BF5 JYY@ZZ0$78C/O_V?DHX8^.C#@$3<W? M&=UI7HH54RE/DUPCEE&)L-%EB&.NS'\H27@B!-&@,QY#Q$"J#7[XT ZVAUI
M>YS9&D3+S:H)A0%,FQW%_](3OXE71-?K]?:/YL2J'3#>9IPCFVB\BCJVPAD[M+L(',G(&22UJW+@(_=*H<;K';\?_4FVVNVK_XW!T[#@_Y;/QI.RGX%[]].,S M:UYID>
(B+LRVE\+Z.%0)1-.H2I4DMB/!R8CP.@/7>4Z(G7E:S8[L=5;]3/ MB8VKJ&4#IA\@V+JIBYD0 T9TIH(%5A0>8@?2&Q#*BZH1#TA>:A6?)> >TS\V MU;Y.L!T?DG?
&+26$Q>9_B.*$(8R-1B%2SS3Q8/OZA60>;LT9$=T=F6FB^KDNK@\3Y*1<%F3 +3ES MTV*.R&6&^Z['P%5PK?"I^K5Y)N^VN\>M=6"Z(&_=O398)%F>*X+R(B4(\S2V
MLU,Q*H4B,L]C(DOG;J4CM&;6%P?JT9'\(:\,&(8\!M>X(@D(DRK?*JBBP!X MJ)@Q)-SU34!$_)3/\K3.02*ZE0F<1E.RZ% MQ-@>!
<@SC@7590IJ"N;!P\S:KJ46L8Y<=PB>1;KID:6BM>WP"/.B?(!V\Z9F MA@^H)UOZYAUL^J]'A[_W&+J*&I:B#N0#4^'\K F !/*W?#A8U.^: -%+_VO* M4A.Z>Y@-
^%ZU?]YLVIFYQ_ZK%>/5VE"WG3Q22C.6%HC%W)Y+3S7BN2:HR J% ML5E>)A@VO1Y ';+-O*;9MY/.-@;T-HH6K4_$&V= 'OK@B"8$ZM.SPQ%H-UTU
M$WC0+%A+//K+@8V_1M4FZD9DGYHLGW@)W&0#!D#(AAJ.E)=OG@&#Y&RC#. 2 M<&_/'G[?_[ACWZVFVZC=X4@1B4E!C).7$($1IK% 3(L,991E5"6R2%+AZN2=
M)S&SM=,2C?;L>_38DG5W9"Y@,N[)39<4MNE?"^GAMEV0UMU;FRZUGY,&>,0@ MUVQ8G@&/[,*-BSEBPXSW_:^1*STSU-8@NGEX9-7./LQW7]GNWGQ$<2RR/!$Q M*@J:
(YQ(@@A1*5*2++)I<'!7V55AZ^&OZ=;_IF-BZ^ M;-_:%2MRCNTG7NM<("QH@HC]Q"L9FS_+-!>Q\R?^U>HS;\>V"VA+$+0+ST,Q M_F6?)"!LSP66S?T[/DE&OT\X1%;0-_RB+ .?[]?
W+/;EOLAN_Z-]^2*X.KC. MX_C3=J_LD:@TSM/.Z"MSG!!"!>*B2!'.2X5H$E/C &"NLB0K2_<2V?,D9E8, M^=_B^']%#=GFU)\E[+Y[+J RKAZFRPK3$>?$]##]+\CKKC*FR^VG-T"/&:0X
MAB4:T!X7;EQ,A0PSWMUJ>T\$$/YJ=ZWTP0_[ZKM[GBVV';V<=M+0R ,*X] \L.TAYOH >O# M':0<&.9L[NZ,?"%/MOW0FHML.@>A#KO.Y=)0K<^.IVQN==>1S5J!A<%-EY*B
MG(C"&/NE1IS)%"5,TH0PXX7;(0!3VD>>I3OS'C[?ILO^MTO$-:/"GJ#%H:Z@ M,EVR5!48<:6,M<0$1BQ.,U3&=E8*)SKF^>JQ:1CVZY[M]F\&[4L>G %NSM9] MLZ1MN,-V2.^L]
(CM(Z[NJ\W&9A7,O_U0S#'""D59RR0I:6$#T$6),)<2V=F@ M-GY$::ZE<6-%A_*'C7>;OD 8'S@(@[#:R'FQ=8LZS8 6[(,U?9\':+ W*/-L M_?3.4WWC]GF#4(QWRQN^'>[,?JGJ?_W"-
JQM6W M]M6W)BUVS>O]CHG]*L]% MR8L\0=1H;*.H=8:HS M$A)"%R%->:*=APB[$9O[D6?+1B7YT8B#Z_< "P ,< MA6[<]PT)"$PM+(V%NU\<$A,_#WD:-B"7V578 >=Y=

{G%W&A78?H.M?,]'AWV·MQ%[]C#W?-M(SC<(58VA&F6B%,N+&42F$U7!FC/.-E·MH4M!DR1U[]{'(#RSRCNP8AMD-LQ$!VZBCAU·LS4(GN.Z;RZ48'IP'#H]X;7·MR&50Q33,*

$WH9L+:,Q/!^-.:[2)Y&NMA+&_SMW8L33=H6K13CMJ!40],JHC_·MB/9?E;'4]{86@3>)#';%:R9/[9]WN:M(M94*SU9C]SO5M5FJ-F+!).WCVCS9·MF("E5#?*

3;Jl;/Z/'G8W*V.*WQ]U6*"5#E;'[/(2A3G60Y9,K1N-X"7568QBF1-CR)8%8HPJE)8%T.Q(TY@[Y6S=R,VL\]^<·M])ZRA96&*

L,:3@<8$K[$%_KO36;/>W/>E_3O[9SOH_(·,<&I_W/"3Y^WQ_L·M75,LOOOC(QL]L^)28E)PC1*<9@AGLD1<%BF2.BXRE4B9,N?3=VXDE[+NS$?O·MS\BG-

6"\K)9!/"$V7BB4/*V[MP'(QZ·+!91GS^_P@'G:42ZR.UE0@PN]·M@>WD(MAY]\GISBD:\]WM;S?O$_I%W=MI0]O=#ULY)_8O7!-.>:8HUJC$QH+"·MB@K$E*(HR66<,I$KEBFXZG2BO:

,,?A!"8U.'$4M2SZJP0U9B!(-CI>_·KT,·M52!·V0T]'PT;'.7[M;CQ?·4L2#AG72MVXIOH'1!HI[7OK·E/+(OBM7;3?V3·M^EIMY/O*.L?*2%C?;&PSX*2VC;K53?

7B\4N@ZO?;!U9M5C(E99n0]\4")P@G·M+$:4VS&7A(B2.UE0X70Z8#(G<=3·M6MZBEKFHQYT]HM?CSVZEMB5V1+U05BI/E·FWL&!3Z;P9T(<FT%,!~WX(#

<$W,8O)3N/Y>U:'R4R%P&TI>·M35I_NI;V"+·C_X#3'8'NG7R^-·^]#<V=^;IJ?!0,%?;$CR:YL;.5\QX·M·%ASC4BJ-,K3A.JR3#C'N>MWQH>!F3\O[3GO'D\CTW#,)FQXBQKFW'6=%_;C

MWY*V$85]0O[48+I_+^8&U>\S,1.XH"_"%&0&/@\1>RRZF_Z<(W5?[D];QRXj9·M]\F#G1["UI_9X_&$.J>$0|F-@EMMCJE.$,]$@C+!1)$D,79T'0:IS*RW3S2C·MAB@L·78>%

[>\UV1I83KUI:·S#.@8E"A0·NL\C47S5H-BODQ7#5_L=]3GlXW>·MU]?RGQ\WIQ@6X*C/F=MGWF2'\RY=W+GN'WPQ7Y_M=K_9[AUSST,@##&^\0/++#·MMIV;Z-'O+H%.!'&?

4F!C_N<6W/1XSX#0KT\C-T'7SK-7Y4,VGKZW9M;OFR·MW_O62U9JJ_?=]ND1O!4=EYM:F]:N?X^-Z(LRYL0F^JV.+#-1PXW!UG0%;7RK-MSH;,,NZ03/#U@5*

!K6576DLMK6!0O>W.O16WP:!WU2GN&\YUUH;ZYOM57WL·M^&_KC>MZ*YK?7F_D_]M6F_UOYG)CG->K-"NT3J6R!<$"894DB!891KFB)2L+·ME7)XR\

)_$!VC5<3P7]LS#.OM^M*&O(R8D?^H,T"IX#N9H@O!B1,_?38LCZX·MK3V]EM^:HK3]-CKQ>17U.;V*3KQ>-3",W8(I'C9WQ&?VDY_6M7·MLCD-# M&4@S!V-

K424=&LR7^CXA>C#5+56V&3=WZ-ZXWFR>V_](>M[O]*$K65=$)$!-$·M(BRR%K$BUZB,&2$8MS:@EZ]8!+V6K,E"2 K32$A

MG17)F"0#;J:YM=4%$YH>3"KBXX");>4R",=:CPH0:M.]-= M=MHZ%(Y7(?!"_BIFR;Z]9_]_&JM"F-!~;F]6YG7JO6K?C&.IY.WF<|~>9U5**@MIG+0BT1SAF&A$ M8Z9021+-E#$21%JL-

NK>1GWNW)764OP[!5G:[ME74CCOWY;F53?\P3(3===S M5-MB3]5-_ZI'1+?X0/+'FKXB_HR1#TA[(GR_G6=(%$CR574-;WO"=,]YGWO M,5]%K43VP],*%$Y%+_T4 FGXO=A>] .O],-

X^7U9G+YOJ[0=HM]=N M:O7AO>+[54HI$X])\0CC:[&$I$"<&4LX+=(XDQG!*HDA]N K9DMW@<ZM3RRM8TU;C=-U%¦_4OM38RG;-&

5,QD+EC$4"VJL:YS9.KY,()'KA"@E2XJ=·M9YA:B<^L"OJ-?H\,12>,[.|\-3_:G8UT4IB.MT-D8484@0&'/R. /OV?P@,Y·ML0%4.$]FT+!$"]'N6XY!NTA8O>[XO%'·N-,^N-

W95,^O1JKFV&D6=P>4·MC2)F*2T82LN,M,.H2,PY2M*$ZY1(+3.GE,L0D;FKBUJRT9%NE,7N*N(B,N.Z·M-(2\,)UY3E2/69,79797?R%D]U-SH,

<-4F!C,@THJHNW+]:0QICO*Y[1:R0E2HNS-B:·W5='IB_F$<Q<V%SXW2Q·M^NO'!?:/GZN·NC$6D=DK998PGMEY#AE#,&8,\2+1*,,B%BRF>;[&*,T= MI.K1CBSQR%*/?K?

THX8!2#!E$#*'T%,H((!QIN4P $2/0F'A&2]:@ DL)N0B MYU·;/#^Y·(}+F(\""TXW> 1QUDKM6^.D'0>,·^8Q%K042&;'XW'$;2ZX]V 0(7;P$P"%,,T%L8'CF))%/5..E:(!HS 01

M/,.P#@\/%GRY(,)0T.7E+0*K7"]L;+,]0D8D484(QHM38+Y+K.I.""X;SP]<L8;W@0]H[!7M^·ML@JF.8[.1/+ ·""5Q#@+3+785'"" 'H-'9-KAHT<^K@X]W4_51]$&@DQ!(%#.

M"T1ZT2B8#R@OXV)>;\!MBW__:N2]V?KP^2FTS(C4)5+:.#KCD2B!>EAH5NM14·MX"R-W9/W+]:>V;(X4G/_^+X4?MRLF"·2;$\]"7G8%"_%^D"*!^K6K"U/7/^82/?&Q6R2CD15(G2

MF·N90KBD&E<$1)$DANF'+0$;!C6'&9)]QG,G447:P@S)E;. *TCW,&+:.1·MSB^]5KMOQO

16#R JV@#4'@0E ,F[E05%AL_ MTKH>(Q"3N9OU>3OP.$'$TF-(#Y.P<\B?F[5D6_90&YJ]B=@F8F9()JCJV@+ @B.7X7-;%0D#"3 ^JV5&K=!H M)_4FLG(#%AP9M"U4L9'+@J8M-
#)H\$F1D>$[_.;UKAZ1/3FX7*M]GU29)Y+Q MO$2YQH7Y_&.*&(MC5.0RHRPF4I3 :7U1UNBS>E^"JQ,-F[Z747*;O4$L!P8R M)R:/TDEVT+) 4_>RG$EG[J"Y+R?N\
UP9[T^@/=AU28GRZ[MF,Z4REB)1)SD M"+.4(3-=.4JPX"K#YD?LO/1Y5L+(#GMS-M4(;=/BI;L_>QZ08:_]:C-A4_+$ M0@_7_;RI[L[[U2;[N>_N#Q?DP?
=:T^/#G[]O,B^^5^U#/[[_PE#E0_9% MI? MKC^RN9RE@BJ,C4N?I-SVVI%V&R5+$%6$E07!29'&'C7%7.4[O917%Q7K)$;/ M1N2U14,N .GF(P3%)6"QD(.2(#?1#JZ/?7
%J!#2;_MHU4$NB'WERB#]8 Q7 M!1FX/W!FU#Y[7N4)37.*D6 Y09C0%-&4"20D)S+/,*.YTPJBN\BQ$R.Z7/L' M';U,!+H]3 0*E!@%/8@0%B 8>PPD1HUX#L'=ZK'3HU[I%(([_,
[I4=>>0;"' MI>UHUNQV;+%XH(SU]9I;ZN%F:03YOE_A5W//D/&W7\708;UK4- M<%NMZH]C]&W]C[9;RH%J;<4M]RH"0 S[:6)<^,";&#[(&2()22'^B'@5-@"* MFJSP@1\$AX41/$?P[
;QXL"4(:ZNDOI)9=5P#"@N[DL8T() M8Z30*,*[.'A"$:IU U3\M/T:/,$Y:=+@.XY'EFJ]:5/OQ,>+'# MY)>OJE),&P*8\9(*SA1%C*H2X;00B"1%BF+->4ZSO$Q3IQ3RZ]08F;;:_<6=
M9M%.M8&^K'L- 6FB_@]C>"%Y&HAA=/;?!5U FNXD*'LF\HZ(-BSO]VJ0^C*# M_0>?+G?X:@".LHNO'\TC&V^[WJR>5&6^4//UQA;Z-W'Z8\6>NGS10A"5,UH@
M3>V17U:6B.H4HRR1+"E)*G"9.*?F#0@;.X)NQ4=[^5&G ""C;0BQ80X/B0,P M%.Z!P">[;P@+0*I?0$P\|_Y\7@]8%J"CC7TI@4-#3)
MO9OH0,&HTS#ZJ=7QYWJIK+GGJ*W83614A:957/>.IHY)$)KI7E7E[JV.Q^EKG*&!A?=*M*XD7VV9F_UYJYQQ!^T ^'5J,#"MV=#(\E*!:Y"H^>*,5OW,GB MEZO,/HQLKAO(+^;9-
8[]I(2:?[,I>+>+Q>JO6LJJ:CJZ-(5!9^;!Z)BE BG& M4H1+0A$5J=URQ"*6F4XH!36)!\@>F89V8B.]JKH^0_#J\A PW8*0D2""$BYL(CADXIO"P/E#\ )$\::S@
^+E&0O[)_7UQL'F[9>*23MKC4#;UKG.LG:S%90=>=DD MKPS(,\--EN5XV93#3,:>JWSJJBRV3WS.'O3_,<]G*_[9E=L0)$^$5C'*,*4(MQU@C5A0885[J5*4)SK33U[9/R-
@[MZU8>QBB$PRI07(!F6'//(2]L+EVSE2O MNBL7;(847[G>=M*+#X8 NR]!O76Y7EPJT3EF;I5_ZX/LO M7"F>;-=+M>_ M5'/YJ.Z[8I@%DREA$DEMW'K,K$>?:
(7*C">:I23'&KMRS.GP8V] 6(%1(S&Z M=Y]C9W 89I3KK ,N\!\9YL$B9RQTYX_K+/5C#L='":**RW;TD,29FR:CA\L* M'Q)#SU77.!^_L>J'>21=N8#4EJ5/!$,EE:GM*)
<@:B@!E0SGDB8%+@M 9;?S M0B9T/CK!/A_B%\A G]_>_V=CT[F5<["'YM]G]_VZ]W/MPQ\'0^SAOGY'R\ MN/45G(_SRI]W/BY\H6Z7YKIK-:;M\O-?//C_:[Z.TMCE7&I$5&)
M1!@SA2C#!,DXR073JK1EX@#KBP/R1N:?3GK4B8\:^5=4S!\"T&U-,2 L,)JZ M#A'PZJ&CG8%6#(>D3;I*Z&CZRY5!U]L\RT%L^6(NFI*3<[6^>+"_L7]LNW0 M,\MY+!0VK*
TB8TK0K")462&6%YF@L>2$2%A5>;\%(',"Z\2=+4X8%D(/TC= M>&)\F&#TT>@3[12Z.2FP<510HOOE?-FUT0I83^(J:$+5F/!38MJZ$U#$]IDO)$LD(F MH-
;;O=)&]E@Z4:"^>FXPN3%.,.-AQ.)JMW]SGSY[0O?Y.2OK=5K^])E]L?M/ M[TT>)6:^+A_OE^^J/]CB=OV@_UAOEH]O-@_Z8U7]1_7V7YL?MW]5^7
M=]\J^1]5&_2Z%IOQ''_LU8^O=LO/?OS>L7D5&>VV*F)KVP+Z#^/9V6U!NW%E M__VQFJ^JZ#\4J^J/I_'';_]B1N?Z0B7M&'=M)P=[$: RC2_T_6PQ%>K -9C1 M ^XBA$".K^R-
KY"IRMPN$SU>MKMYITR([*%Y=NM+7)Q=/%,)#%F(I:(I05#N+2M2I52J- 92:C(M>$ICB#\30*>1F7*G8=1(C8S8R,J-CK6LZ_NWBD8[35_>9*(.9>1 [D0CZZ(M2*XCI'$6B%,)$$D-
4ZID)IJKO.,:P7LLC#MP_.*FBWPJJF<'?W$F^*5/]M' MM=X](MT^M'GSJ#;FCJI^5)5SOD_(Y^3F"T^,/>QC-_6<@3>,"(=>J,X2 32: MM@5%. A/>E4$'-KWJ&4'@R!ZO2(;M?
1R_J.T4.UJ^X(2%R%8>:>7#$:=GX9%R$Q!.5A>.'0 MDYP!&V^RC TO,P_3./P&\#G:V@WZ&]M8UKI[^./^35W.?99G3!FR35$AXQQA ME=NN?[Q <5(D-!8XIXDST_;
(&9E7#U[J5G14RVZ+U@-RK/JP&F;/0 C N'(: MX]UI,! (?J3G#0;P).V@B;WG92_?/>&IV$$3CL^^#E\>HJK/':NJ'_/EX^V3 MK8
Q2V(M2U[D2(@L09@P@5B&$R12$1>:QCHNKBC9J=\VOJ[;Q D.JLR(N8(RH-;I@)@JAA?,2+ M)"TSRA.:)M AL+0:SEQCZ*T)7-^FB\[%$6+XK.MHK);_GP3=:I%C6X!076- MI\, !?L
MB8^5315SW 4_OFOL'9OOJA+SM2WSV9?5-61:_R2[SBI@-&KE1(YF@39[SUO@ MM87[8JC)-F;/FW"XW7KA"C]W89?[VNPI/6R^JFJF4LTS5IHHHM $86Q^8DDL M4&8^?
$)P025QJJ;<)V3D25/+@'VBSD+A]FFZUD#8_-GGDS?B;J)^:\$?I3YS M GV,SHJ8]"/49^3+CT_OM9YYEFWGO ?]1FEE?"WYA7T_UX&C#@KV#:VDYCP5 M(D%9*7(S-TF!:"$SI),8HP\?
8_["AJO=/[,%K:9P/-J6>7 6N75[I)-RH80)\8>RQ@W:EC^&[T.-GS$:%5X(3*I?44XMI MLTRO@^HD__3*X4*U6OYWQ1:;K\:=KPMQ?C$AI[3[W483X^?+#T;NN_E:L(7-
M#)PQQJC*.$,\E11AFJ:(QAE%4L0Y2X0B10I%YNR8@&YJ(' M=@W*IX(0QG+G6S-' W.O:C'J"KLP]8H_5Z!BGS MRAV@?8 ;[@OM-:IOX"4JQ=;JC6K^>[]\^_2\6/U0ZI-:V-
[M!QP\RQ.!-39, M1X@-R'BA$!6E1BG'0NB4DCPM8:N.$/&CKT)^-&#;K;NJ*=IE/9!G\RM5:U3_ MJLUT!*[D@C!VC?3&P0T: 3;2HY\Z/7ZV:?2=*E&KRZ$?%S(ZA$,0+&H$B)XX
MFH2#HSA6ZKPS;9J]AY!90J[N\9.[#DHX=>)A%8JW!DXO/#I;QMLVIZK M4#AHGD=QPI>67%&8<#?4Q$4)7YIP6I#PY IX)D>]CO-AM;3G:ID]L]3EW-H=
M>A471<'S&&F1EPB3/$.L8 E*<4Q)6>9I[)[*T2=HBH70Z%!VEX\.SF?HA:M_ MEH4$ 3;GIK+?/:$C% Y^&1T7\0B3RN%B7$\N1^_MDR5SN!AQF,WA=+U?F&!W MGN?
+^A&_7['E>J95S@0K.<)2,!,*J-*$ CA%E&:"T41+K)U*E5T2,/:JQEY< M5,N#>?0G<+AY[=<8"?S$.]L']KLO&1'(MSX9?E+_^9)Q+WWDB]?!O_XO>JHU M=3:Z K2Z9(KD6B-
&2_/U5TEN?\I105F:JICS4CLM-0X)&GFZG;0D;(6[?_1Z M41K^Z(>R'38++YGM426PUW[WCWXH'/P^^A8/>8C'=N U 'WS76SK^>;WWC[9 M-]_%B,-OOM/U?M_\A\Z-
L%T)ZDPGO:KJD@DS6BJL,Y:C3.D<89O%R1C'B,J4 MEUC8*ND2\O6_+&KLL&3G?5K)T9%HF$O0@U;)B4IE;$(XXQ4AG!O,B53J>+=6C75OY,AEHM 'M1*X[=EK;DR9V:VAI_KMWY!
<62C$*E&Y^5IC7 M"1C@^;Q)8.=KV+) ;EB/H$D=LF[IF#G?X\>%[M5XKU?1Q4>_MRNAZGX6! M<9;A(J5(9UEL'#69(JZ+!&F2X8QSFN<:E_3)VQD3FQ$WT2M*B1#IO"O5BY
M3>)0","F\7GCHS]'R3MQ,3'0?.X5->F,=C'ZY9QVNL=O5O^Z6LF_YHO%[5+> M&W]V^6@[P#49*+9CJ_F6;:N#;*O"3/)]6U=OOHBZ$::CJ%[9H^DP>[.ZO'_0'>PJ5+7YE
MZX^KQ5S\./!HRB(N5'*)NS8OKT S!A?5PMSQ[HIW7S+UYN*BMA7H9%S M$]UNFFVLVM?=K**/K&IJ!K8:!&T1,&1FL/X %P5-W!Q@R.#3S@"#=W@>OEH] MV5O.UG OWG.%^@-
SF[]5FPZ;N18L#5L]W,BW48:2S,J8]8]1GYLG1H=Z+ M/8)*_(^LS#^L-FHMMRJ-<=F^?;'&LA!)C&A)",)U)[!2QN9_,LZQY#+E3DT" M^X2,/#MKJ?\6U7(C(SBRD@'!PR5H' *S
;#YN596SVRCBX:#8B ACO%]%X M@@ +30:LZPLU+MTZ7>@PH/Q1*#!T[;45P>N%]5T[H@?=;/;-V>+C:CVWS_WM M]XU:KNT:_-
NE>1O:4S5",BQ8RI&**3;$Q!FB>9*B+$U91IF@H@!U KM6H;%= MC'U9[5J_FVBGH0W'=SI&G9+1GWLUHP,]O>N0>SXG1_=E0O2!GL[XP%]1_?PZ
MM()72/=4YY6JJ%\'WN5*ZU>."S]1^=NF6MC$]/6#;LZF[5E32[CESU(]!-1.!!@].)D?^ T C=;O0YM]@P[V0'.8=,. M#W,Z7.W9?
[E:":7D^IU1[O/75;6Q4FP5R:8NK#VD]=NJ4E^^LN47@[7Z;;7< M?%W/"A*3N. 2E;;> BX51[S(4\25CD51EG%>"HA?XZ?&R+/^?KW>UEEVYGU? M6Z6BN@:LJ)2<;R+V:/2HEY:!
[9G]$'?S4,;'$48^;K1H,O$EWKX9@@LLV? M4O+=@CW.4D-G:4PXHK%4)H:+8\19QA!F6LA$9UE*G7*:QE!NXGCN(*IX.!M5 MG \J["')'M-,[LHJ[+_($?Y[#*V*O^92NB_O^?_& W%?
O7O-!^:WZO<(# ZT8 MCH5HSTIC<)&3K5".!=;ARN9H,OSBA<-##OMV5431PGP*"U06VAXOLJW3,&,H MS6,ITIS*E.:0<."LE)&_=4=':FY\R^2>Q\?->;_::MBW VPPV.7N-2B01WU>
MQJ0.+;O61-B4>F%=P-V\(5O\NC><&W"Z'@X]YAQU, MEVXUSKRDCSP?.UVB V5NFF8C=MGK0*&;J%,)]D6$8>WVI1P-0=AT#PH>^.OJ M!4*@KRY,]J1?
8R]87GZE_0;QJ*W(%_/'>O@OJR]?U1OU32ULI8H92>*D)$6. M*,<9PGF9(4*S&.4JDP13(G+NU(>I3\C(U+(7:]-E-U]5M),,J"9X":#A59P0 M9L/X8%R+_;43 UCN63?1
P%8Y<0!T_JJ)EZZ=;J*B0/*'U5+'+H63C8?S4/[M:L*.VZ7\K*IOELYV0M9O5D]LOISIF*LD,XXB5KQ .",IXC0M41S'15:422Y3 MI]))CO)&IJ!.@_H(5ZM#=*!$]&>C!B#GT 7$86X*#
UP4^YU4"GK\#H^%'9 M]2B!B U@%$G8'D33)&;$9FRPG&N&X M2$RP9[POG5+-N:2E4!K6U>^BK+'3%YH"SO;LPV&MC^'S2F#,W(*V0$C N,X;
M!)^&#T/FA>OO<%'2U.TI#GRTNWS0AG69+I0DN*F*;,.#:, M&<=&"53$>:%*HG,"F]?]XL8.K:SP&UO7$%BZL!\CIK)$ISI'/+5MNVT+=)JG
MPE:)2V@LLECF$G9<-1Q*7D=6OZPV,!&-A)8;ZX5# !B+7JSH_U,K^^> =1^= MC Q5^[%?V+3U'YT,/ZD!Z787C >EFL_>M)[N_5*OJJ?:8^I^=?M]OI[E6:Y% MD2G(;=X)#-NU9?5
M+]7JGV:&?%";=MM3E)RE9:R1%-1\IPLFD&TWCE*-59DIG(K$>9'FK(2Q)^_6 M>.2KJ)5:MRB&'_X\#\WPTLO5!@.GYWBV O+DKK79,]G-PW98MEJ?77TI9V?O
MFRYOK$_MH^2OW@NOB)..>TD>]/9<'[?[;-^TDB69Y)HCD7")L."VDTZ:(T*R MN"P59B0'[8![Z#!%1!6]:+'YBU<_31^_;'$>+#Y!!@7$*L["8]09>,*!$)& M'T -I@])_"
Z&Z=X#N6[,GM>:;^FOYTTZ/J%/D^'-.*QJDM"42$X0Q" MC?.2*()R*C@EC&4L@16F=I$Z,FD[/'#5,WV@B.%(PW@H#D4<$/ M8'2P8GXN,B>NZP> X;3$'^1FS_8:;+ZTC7@>EI_90JT?
=$-3MTM9_W#_],SF ME=7A[BNK'M5Z5N09QBHA2,=9CK J)")"4I0F4A1<9GE64(]F65]G.;+U2VT MZE91/ST:W7Z.5LMH;52SLXBUWU_PA@H8;3>&&04\SXZ*\V7TD]6E!NQS"UC;
M<U5BEJ= K;=\$0C5.,-J/AI6V]X@G/2?,-W'-\J'4JKJE*R)L(W M]BR$6LKU1U5]-N.K-THLS'_D+-,L26E<(!4+@K#.!.+VGV5>Y#C)DEQG3G40 M@7)']G-V6C3?[YMHITAD-
(EJ5:5'UF3$L;82@34%>R!R8X- A@/WFSJA]B#2"S*PD@/6]QLV+U3I MOAY)TU;E&S;YI.">PRU^<_CV&YLO;#7Z=ZO*>B&VJ,YG);95W<#G5HCMTW9A M/?]?
*^.I_+ZL%%O,_\O\T_@NORAMB^ZP[S.::4G*DB E,C/;X]+,=J%,5,,4 M2W&",U$X]=<)JM7(O%"+CO:R(RL@LC$Z3$E]0&%]29-C!X4DV=W_<=XDU
M*DYRB@622G*$":>6#$ND$UD6&2L+5E#7Q)K=J".3F9'CGDBR-[6?>;P-@#&' M$>&1#;,WPCT#QLL8OZP7)Z- :2XGRO>DMNROG2R=Y42]PQ26TS_Z>3L?U*;) MDK7++K:8X-
W*MG[:SI>/;4OUU7*]8Y(OJ[O5T]-J6<=,[<+Q+VP]%S,2YR7/ M>(&RHD@1QH(A5N2Q^6=)XI*D/"Y!G5P"Z34R2=BMTB[]NUF>K MR[G6-]LKN
M/]_V#&^C;W2H\$U4JPSSET(]/S>/Z16>"HSY)GT@8*\I,'R!_*906DWJ.06& M\J7O%'IXSYS"[B##W6I=KX*W1QG6LS@KE2S3!%&I*<*Z5,@P,$,\23(F8I(E M+)YM[#$=-[J]*
E$H#MYSO.U/4FT.TO3B06F!E[$R8W6@E@/(ZJ]R;7,>A-K MT'AX7M^08:&R]R[*F39';\CWTJKE1KG(U])#&C-%&%,E,]B4OCS\>$(HYU MAK(LQL:[UPG-"EB) + .D'?/JVK 3E3M[#
[MU8 Y^Q[@YB5.2<9007-#JRR7 MB.99C+16,4VD)KD&I>^,"JW/(:O_BST]_]^_C0VC6RPU*C@P)M^I7J4Z_CX5GVB MZVY;V:;V75URH^@LS1A3B:*(2)Y95_\I
N"A"8D4X05AJ8\$IZOU\QI.EZ= M MW*C19[P< $P^L?@1N?382H%\'M"MW;W,-:DZA5I3XH>A.UR@1,2 R&1JA< MQ>L5FC:-,1B)QF.X4:&A[%UWX6F]=CFQQ>
[)CX3G!%:3W#A.XQGE!= MZB/C.YP?A7U2=;KT1U9M?K3%][-,8ES0 L4X*XWK(BCBE,?(1CALEFP1!?5+?U'(+7(L_@X@;>5QG)XP76EGU*N^'U;)]_VEEV[7A
M1AH!)QB!O#9$D%RLX%#YIFD% M@0R8Q04ROC?!RVVD"7._0*8=IX7!;O5S:P]VX4R((IJMN5DB"4U+1A IF(DN M16&<6)UHNQ0FN68Y5RF&G/(X*P7$C]XG/.JJQ@?R?TJ
%59A7&PW['$#M!3N. MO?8$"PU\Z4+V'^QQW;>5L[-4]@5+2T$+7-5$)1(RA&FM&CB;1)C MD1>9)ID2SKMYQV.///U::>"BKN=0&';&KK --LM"F@78T/,WS\]1:@4&VL,[MKWW?
%MZ+.Z;;P3NOZM$&WH5+/#V4U?+QBZJ>NC:B]L3K?/-49Q MU?U&/:UG M)9.DX"I'25(8?P4K$]CA)$L=)$[[Y7>'X,0/ -P* M]PJ:
(M*_F\!HW>2$82$+\W\EDB0NC'^>8T2)DB@KB<1YPF7I?J+MY>!C[XPU M9?#\N!,DAEV#:^R#3=O IKF[!]>8Z.-73E.&$ZHW9*S"<'2N AO(89(Q0*,/:8# !W7@D% MA!_'7
$(B'ECA3_?O[7_ZXE?^Y7=>^S_KWI;GM M]O,=)7&;Q)KS)->I3I'&*4>X3$K;XR9'FA>E%*+D.G=FJR%A(S.6%1\=R(^V M5H'(:! 9%=PGZR!FPXP5$@D8:_6#X)'V/(B&.WV%1,6/PCQ?
$1!]N5K90V&# M0TQ&8Z[&'%*9\SV>37>VK&++C5(/?#%_; ZZMH>\[EA5_9@O'_]@BZV:V785 M65YD2%/;KCS)F-U6*A"E.E4%RUE.0.?A706/3'.M&JLJ.M!C=P8RZE2):EV
M'79FM^!G:P#"%JU%4.^_:WZD6'^MERP<<:1IV*-E%KI^0H+3!#HA:LMVX ME2;NO1L.Q-/>O ''AB]L?%*/MJO#JOKQ5FLE-K:)GA!6&2/RW:K:T89:=P>Q M*2,Y4SGB6)0(T]*$
Z6DJ"A255*B$YT[=V< 2Q_Y<[[7)VH5LC4^]RI%1J># M#YWKI]X/Z.'ED5'A@_$?&#F/)10XA.YK*J-"Z;?(,@*DH 48;TAZ5F3@8TZV M1.-M[N&:C?\@'CEU^3^R_,-JH]9OMBJ-
,]RUSR%QHIF*$2890;BD):*"9JA(M*.:Y%"K![KEUYV6,3,-6Z+]%M=C(R(VL8$ ZV@54?S3X_.N]YX MS4J/\5SL6:9/RIHS7\SKT=\HN:VK9JS?/CTO5C^4J@_/?RU-//PZ_S9*K1K
MP#HCL6*\R#B*M6UL3$J-B,PSQ&F&>5%0D3/B<=0^E'Y.4^GJL_B-=SC_I@Z7 M3:WFT;'JME)GJ_Q-U&G?'CK?Z=_,S,Z"FW81"D95P1ZO4J44"8Y1+G)J/PP) M(E1S1-*
<41&;CT0JN\?[MW^RP(?:/9^ZSW6TVCV?9_M\Y*X'O*TLLJI/N!G# M;&9*^ZB_P7<:@STVR!KL1(_"+U?U%2>6Y^)L.#B#+M &4.L5%FG#@7E^H3;@ M^![Y\M^%6J_W"6UU'89?
V%K)NP,BF7$18_,I35 9VW,U>6XH6!4"*9;'O-2I M)(E3PH:[R)&=\T:)PPS)"#7U0Z):E>A0%T!FNAN6?Q"\8,< 0*;W'0YP&VBZ(P,@PXX.$L#N].R):?TL.UZEOMJ*Y]_4OE%G
M;PGTP]KG^RR\#VKSH(W*,YDHB:5,D"@803C)8T29^8DQE<5ID\6#TN;5?XZ+G1MFF6\O'M+Q%O6PW\)&QM16 YA[$>(R6$*Z*+4>!^, OJC_GT>HV\)CD_[1SE?
M@4YCBSJ'.Q5%1WL M5-VNUVIC?[=K-O'W>-!N_OK!GGLM/C MS_6\7S ^< #0E\E+=@-B$O9P8YW^[)P-?_&-O4WP5!_M';"O?V7SI?
TX[/W,^V4C_M[(;!=Q/ZZJ3?/E:)9>3VX*3(D<%F(E.>%*IP:2;V*]B/3U=Z6Z,"8 MF\B:$_UD#?KYA>/?&&4K2.[,BEJ[ZM"NL2SJ3(OL"QH=&1>UUO6?!/@;O#BN M?/LW?1V@M/UW?
1,\/@6O\$2"?5&FU'WB#],K/);3[]MK* '?V;DS<8^17[7) MHE8U912WQP#J_U'?-[\8(XT:B4<1*7*E98.%=(MI4Z-+;;9U]#M%W#X MZ0.^US-;
[>F9S2O["CWH>_,>+1_G9O1Z<7K];KZ<;]3"T+>]2,$3?V!VA\KK<90Z;=H.#(J3K!S@[7YT\I']J#W'!UTG M]MROUUMFK&OZ'Q9<"..5<92I-$6&3 I$!"-()3DN8\6SE(6-ON$C4P^
MINW:1'MWJ_JLGEJ*N5KOSUKO/6-1YIPFJ4!)H0J;78<1ESA&0L<\3TJ=)8S, MOJF*KUPG/$P!R&M_J 9\3[E3*C):14=JP7@ "+ ;,XP'&C!4.\")O<3IH+R# M"35"!AG7P1"
(4H#")R49/V!>TH[G*# B4D+.?E/,#E4?"G/P%5[<,K);T$KZ M7V[3_J4Y_?/Y"DM@$[45$NS V@7%STRMM1+_>%Q]^Y_FCG96";F?3"_'F626
M7%"^>_TO_3E\#N8=6W]]MUC]]>]*/JIN8?;69AZ]S$WZPKY_9'6;HE337&62 MVA.GMBL@$XCAG"*M8DHT20N*"XC#'5B_D2=C3RI>LV]S$UFE(ZMU5*M]M*MS M*?
7KQN[8WT2-">%R]GR>KYL#\(I/#48\K_K @J;H70'K!*EY/MK];5+RKH 6 MDHIWC9@K.G#;<.VXA6Q=:O+"@1*E,DR5SI%@*D4XI1A1V_I5,2IDBF,F: [N
M&0U2860*W[<)FIL79UEOI=LSHAY]HV'(NC'KN'C!R+/MK-UH<],4F&U[1Z/F MK$Z[,A#=5I6Y41WF+K];55K--\:+"=QFV@N+NI*3L;JMG=OH9-ERM9[79T!G9986,2\)HG$J
M$;KZO*JC43,LMC;3S +%8$ M89VFB&0J-VY@S*0N$AK#/,!^<6-OJKULSM[Z-'L%@-MJ_=@Y;JP%0P2XM>8/ M!GQSSX>_UM1O1?S15 U\@1UZL" MORO0 @9[88 *%=-
=L'O<..ZET+]#['8!",=X[=+=WDX/;;[!_5]\^4OM?BF?ELM-U]-<"9QDJ9I@A+)-<*XC!'#6"&F2*I% M$A/,0*[%E?J,3#WFK-:29$#49!YT_+=\I%C7;[OS;ZW43_H5@5
M/2P#KC,%0BCKM)GZ2&0(Z,ZE;YO.N"_PN6_@5"_USTC">$P3 M@DHI3;1$.$=$J 3)F)4IU8(JGCD7_.X5-<76)J#L=3\L_4P4UE@8R31%4@Y* MZ^XEWT1A00"4 \&AM_IC2M
@=4%=[*SKSQX_P#350EW,N2H6+C;'9YIE.QY MOF$+&RO:)?FMF?^?5WKSEW'^ZK7A699J5L0FME-):CRO-&6(Q;A$2<(3@;5. M1.%$4ZX"1R:K_%1)S_J%+B):A6
>9)#"+KY5B%Q@?':59# 4Q\=[0R5[#@D M;MKT1D?C3Q(:7>_S3/7ZIBIMFP%+ZQ^U;2A*S$BF.492E@7"G&K$-">(,)%D ME*8X3C H7^N,D)$G>]U\MY'9% 6&->GHA<=M5E]K=
(@P:*^#(PCP[*,>*T.E M$)T3,6T>4(^1)\D\?==Z51#^:K,D?F5K$Z?8$Y>S0C&.69XBD> <89IQ9/XO M1[0TWV3-><$U=3O/<%X
Y"7U.J_0B8P>V3IZ;H2"BMR^1&0X<+C.2MA4#&X> MJ%[O%69ZU^9U-Q=:@O>"-?WE=E_>-&5IW0L*ORBC>^DJOV_X.S:OZAR;^^4W MU3:??[O9NXP'@ MA.=%@K"PW8*
(T(A06S=7LB0C4N!$@#)BPJLXLO]@%>Z2UPYTOHDZK:.-43O: MZ6TKY+2U5.N[[#9(LP5R$W7J'Q[1@KDA(SQA-R?F=9\;C'=?[9&!G:;Q4 WD M/JGJ<;Y_+5:_;7Y
M:M>WV/+'3*6%2J@]ID\+6^/?_^/>8%T;/Q.HHL\BQ,71AJ0,S+Q-)*C3G34 MR(Y:X6[\,H14/XT$M!\8 ?N9[DP*CH;UG.PU(S33WORPG^U#XTXRJ1V-Z^:N MZ^7PI:=SZ86?E%3JR7S
2$I+3$N)$L(4P@5/$5/&B2BI2G)>\)(2)Z]A2-#(MD_1%=FN7W-I)=U^VZ05K>'TJ% 2P>3J-]>[+5Z%0\%O(\D4#M*;E8F+/ZE;O M[9.M<[D8<;CBY72]Y_[5LZJ8/?
SPWIZ%^#1__+IYT+^OFX)BG\T;T&R?M_8L[9\H=[/UYM95LH4YRI!<5QBA%4F$&. MY/OYTWRSTK_>W?ZQ6IB7<3U+4YG)E&"44T.T.&4%HO;4;2RE+LM$9%(Q5^_Q
M9/21.;.69^>=D1BU(MT]I5,LAIW#JRR$L4]HX]Q]OZN,]'X0,:"O+R+QO2X M=J?W3.;/753WT(F[?!&<$3ZHS<=J9;N)VC.KG]E"S12628'+%(DXY0A+E2.>
ME1JI."5#*54[;.\46M1S9^;(DBJ4HV(QIFM!%^4)"-)7 A(L-8C:VQGHI9\T_GZ!]+;3@? M8*H/-;< *1 60+?#'P9PY.)@8*!HI$_2I!&&@\DOHP:76^!%4S^LEK^:T=M* ME8<#
[XH).]92'1YI[$_^:HE^O;W]&'5E2@]T<"^[Z@!(_[0-CP70,^B!(7 % M99BI7F5='8:?K-JKNZF'16 !=\'==MMG\E_;^>;'1U9MEF;.V.J$ML9R->?; MVI%+"RTUI042W![6+J5)#>?
9YXJQ6BN=8J=\@:=I(T\P^N&J+4"4:=!4_?S M4 =W)W@8O&&?/R@DL(D^.1KN$4)05'P[65V##BB <+:V)YX8'F.R\,+9G,-H MP_TF.,E]4H\V86]5_6B:TMPNY?LYX_-%G=.W+R+_?
KY4]QOUM)Z52J8)+Q-$ MTZ(TX4B,$==4H313JN0)C@OB?)P;+'UD$MSKTW98JGLF'*ATU#'!:A75:@%: MW,$!'R;*46&$$>??$D%WCA8/B8DW&RM[F''.T_B&>] M#;OH=+?
ZH:LKG]HZS2S1_6@S7=AO5K,)=LH^66U88M&GUG&:!7M'&*A:Q M6C-@,0LH\,/T/3:<, ;_^R()+!8R(J+7E!)BRR\MH@G+$,51Z##3EN'Q-/H MD^HDON/X[0JT'Q4E=UD-
GY21O56S5!5$%$6&J! 2X2*6B">,(BDE26*JL51D M5K] ;GL"%R6!:'LGSSV2K-_Q?190*Q5X8+ 'IS@6M#2?.6UN1.9[IQ!)"H'* M(M\&%BLV6+?66L]1OS6N:*)$QD&1)))A"F,C:?
A9R@1(I2XU3*/"U< M/@:N B?Y)K2E+_^4.*BX9F+>GC?;#T6']>C V "7I%\'%L#"=&!X/->FKX4) MMCP-L+EOA=IEF.D6J0%&':U30^[S6:IFB[=KF\)[NY0?J_DW\U.S+F[^77<, M>
[==RG5;MDI(K(E,,4J*HMZ;HX@I72#&6'19U$^A6DVYOROZJ5B:JM0$618/C!EEF'@D_WR7FL#@" M5YL]L.A=:8:,-^$JLX>9QRO,/@-XUEBJ3T>HH!S2UR#
0%C$0'4>C:%=X*PRUM MF'G[M*HV_]B83;Z ?:'*OG3(VG:VCW#)I\4X7&X)43;JX^L>JCJ(U/RJ(S/ M3&JJ9"IS5(K$N%9QJA#E98EP7LJBS+)$9Z N.&YB1R:#D\Y/1@\#7G/X4+ZL
MF75-2ZR+N+J11'BT8'P1"*@KVV4-V3U*VZR+0E^Q?=80$/UMM ;O]B.2QB^Q M13E62^.-OED]L?ER5I2B+$J=(DX3A3 ON'$:2HF4B&5*)",I WD.9Z6,3!.M M2[P3"B."\[BXS?
NKK85-\Y>&1G\V$@.>3>BU*- $/B]CTOG::^;+Z=E_<:B> M5,9]VRXWZT^[^E?WRU_8PGH5G[\JXZ[J-&$ZHS%2FG&$M<2(,Q4CG>98Q3J- MM0!5R0-K,/(LMB?
>6*U!=%#IC6TB94+=E8Y^*.;8X\0?8[=9/RIR,$8X7W2] M52?2Q@5H$AQ^ZA*??OP<[;6,YLNA0@YC=J=R1&VT?E1#\E^Y Y4C/,,]IUP' M\F,R$X+:X>?+1_,J+26KY/KW9YMT\:
(Z"F,*9S*)D22:&D^C%(B5"4,LR;,B M2U62Q: (Q5'NV#EN.RVBG1I1HP>\!LI5^+IQUPBHP1@K*&!@$@*:'XAZ7*5. M2CA *%[2#/1V^-[2NU7UEQGV=ONX76\,IDF[I$\QR:1,!9)E7"
<9SDB.-,H M9JG*.!(A@+7,8\M=-CP^>2P>Y; M.P$,]]O$@3QHT ;-@$4]6S&7[IQLTV5]5N)6RCI;9 L?IM_W)(G!1B<&!Q@YG=O(CH\!/WWYV.0RS8>CW7 M=;"K7K>YM4N_E?
IJPYIOJNE%<+>M*E6?-YFOY >U>=!?V/=9+B47LDA0*46& ML*HK0MG#(-A&)BK+DIC"CC:$4VYDYGBI:E.U[#_H=8V.E*W;=UQ$[4:1XW* M-
W5CI)6V+3V@YP0"/DVW%977>D8P3IO\]7@<90B/8[#3#P%5F_C 1'A03\]8 MC"##H\:OS;WY8NYK=W"Y">@()P1)(AFR2\^("54BG7-&RB+&,G8.Z5Z,/3*5

*MUM(B*VYX@W<0AN$({@KC8!P4U"\Y 75]_^_SBl\ZX>O_MT.C;[_.>HA]P^K{G MC>)K[OOBCNE]^YY7]:RB[X5+?+LZ??Z]%HNN15&F$\)T4:(BU38Y-L:(RH(@-M'6,MN.!**FSI\/AQ\YM:1H9U1)l.S<=H=`//!}?,"*,$D'D>W9G.67%%4Z:C MX2;NQ73.E-,63&>O\IU&]D-=/;^:7;@Z4>#.[OE4/^Y64LVT%C@I\AP1CK4] MXFA^*A1#6<9E6N@\89E3}1)'>=-,M",5VC87-I.R522RFD#G7S^,KA,R&#A> M,_0J7#PFKI.U5\SD_O$GGMI.QH{.=;?:0N6GO?W^K(3QYYO#A-T?V(^Z9>Q_M*%:],Z_0+),.T#@K4(YSF^6!<_.Q93D2.,,Z$)KP[,HL-2<|1B0+\T*1:W/1 MW//T6X.8 "48:Y$/2^N4ZHX"[_[:Z'436<4BJ[F8:6<@:.$9+/G)3XI53T$!0 M#@2>BP8;SZ!=EM\!"$#"E[M:_GG^14HP:7Y5<$]M#GI:.$T8*6*\!*T=$MJ: GG^14HP:7Y5<$] M=FX6>4G*R*33R=V=H-\5'^2,"/HA&EXH"&(XC$=&MAG0&#*$[9Y=(3TP@'6$ M'+*MKQWDQ7NGZP4YI/Y1(\C!BSUHIV6P=ZOJ5GZS>;7RC7JV"=3V5Q^KU7\: MUKM;K3?KF5'":6W8)TE*UB3!4DICA'%)M,*%UEK.ENK1+IPZ,)&S8*>WE#9O MZ;%XP)Y\(S^2K0+UXM=$HT(DK Z_">L_I -KA07)C\9:'8QO4T4[J-X<0M4] M$MV-!A6 [$:!S)/)0D$'HT0PGT%W>[1H6RU_W!3S34M:N74ICUHR MD)W96B&Z3"$P3#R.Q^C$UL],O8N&&WHY!;_>.]^;@:.$;0N"K16^ZGW@I'Y1N M:T;U=76/[=.MTO=T&E#_]\#9TK=]2ESUD73_,V\5B]9$U4V[=@D!V6^P*#1V,S<9"#;RP!8$AT"]6D\A)EZP@ M(+Q%'"HROB5 MX'BL@#N,&VRU>UCBQ"O;SA"[Q.+NLS'5L\;%:R:UH^M9^ M;X;N"I.JA&-!E8TE2FP^^QHC7L,&GFG6^"$]NOJY7\;IY8=*L*[^8E6#[:.@]-=YWWNP9_G&"F M",4FD"FI83E*$30.N=TR<33?(Q>R1!C8Z!|.=!]K,NX$FW?(H?";MO8,_IOS:%V;&GF$<2Y+F"G%="H0+$_-1GJ0H2V.2V * 6CF1YOGAQP_PVE)R M?];B@O+Z\!P#N4\#00';XZV^<1J9TP(%YT=#CYU/;&L#,1V+FK_*;3_=)X MDVRMWJCFO_?+_B:P.ZQ5G,6$H9+'16VR9KP4*302FLY46*<2ZR0+30ZR!59"]@0"'TD^RY?>R"H!O7!,8%1B^>D,"_M=K@:&:IYAX/$;9MXN$-PTLP#<*NGU$]_7-;U$:1,?1W-CZO%7!BRV5=)4@46M12$E2CGE"/-<(T(41W"*TI(038G;$@LI,BT\('59W)6NNN++,IO_V<_IV^W3 M$S-?6/.7 T6C@X*QG;K N,(-,_=X(SB$P#BD'YG-Y:G\K X5NK@)G3:D 0%Q-M$NK!O;DEC8YZ4'_P;JYC:GNEV.:JO6F/C5Z],YG259JF@I$>8$15IE -/$L2 MQ%)=QH62!8;EG@!DC\PRG?RH4R#J-(!Z\%>#[$@LXT '9)=6")GL M/.%=:,J;V>;^@UEM_K6?T;U#3S)TH8SKYJC3M:]%+;O^K^ "&,\1)SI#3- M3*N$9U\V5,$$UQ1H0@:4Z=:B%=$C#R)#QLB@M+I[B(B-O7^1H]89,.9*)'0<]5 M=@0KE/AB^(F+'9XW[K1@X87KX.D032G#V\VFFO/MQGY7OZP^&&WMZ>+5PMST M^'ZW&UUD.=4*YZB,S9<0YSFU-0A,7)FE:,X)E]DK@D1 +DC3\E&D^A0E6BSMBI9'RGCN]$/0I9_'(V(&WF#X6\#EGAHQ$FQ^R1$!X0.E2GB T),L 1EMLG0) M#Q,/$R9\;H?Sl2-?B1;DR2W&!I&8)PBS;/W4?GY9M7W1,JVR1.=U0S&[T9+&B!CV M03FA.58L2PKM7'_.7>QD2Z+F&WMYN\!JF@('>;J<6#R74'M1(:>&&]Y 8>1=)}NX"%U>MSM6R^ACAV[S|\FW)LO^5A4L9JT.M'S]ON:TI]67UU&UN;7WY0&^LRWE:5>6=]AW&6D;S(4L*1SEF!L&0"498SQ+'@ M.L\+JG,!JZ/@KQ22*-3U"H5'6AU$S%K0]08 2V^X/[@MW%;8)X(;QM_C(NU1R>%]JC0)5>/#?9.1*#U=#=EH1XOHA/?.(FWZX7>W2^Z54 MWY7\LKI?K[>&1M[^;SO?_-BO\2:2XBR7#!G<3)Q;EA+1A.4H2Q25"4T3X&$BMF/B12;!KK;PKBMNJ8V=FH!#_6$>-2A[+Z9ZC%U"=>#C"Y"TXA/\92\D0]4L MPX1/F[WL!;YAB_E_MF>J#"CJ=X*-5Q_"Y4I^4U7F^_MF->]^QO5%I-8OWUZ7]Q^*/5YLQ+_?/AK:2;7U_FS[>_PQCQIJ9:RKG->9J2@ M2!>9LAD.CE.HX927M%1YTAVK_.+. <$5=9HPQX ME\0]GB"/OA7S9V7^I#ZKZMMQ.!T8"1WK1 #I.A /$L\W$M96 "=91PL["OC<3 "-/UCG SY:AAA.,M5YZOOU\^,S?K]^J;6B3M.QC'0F6E M+%&68N.)RMR>]JY>Q8;(.TZQ.XUR!CKCUR]9Q/Z?[^:,+|T'KN-H5!C#@TI816E=E5S=1M(_P<300^S/2']=X 673;YXK+[G%,1^,T*YPQV'<1N6WZ]_#'_9O]MDFR*LYR4,D*;^GH.,'L5R=;>[-<^T>8,*O5R93C+%:W6^'$ MJ!95R_GRUVIZD@1OL1U"D.8=AHT*0>'KI|M[V0,-*C^(?<,7^P71C4AP|VVJFS:3L)S21):(LY*;APG>V9?*%$O!F4Q)UD: M%|/-:L,6;H'3T>@@EMG)<'[+OMA;HE96&PK!XIX76) RR7)>V/)+A6W6&B/&M28Q*4629)KF6.2B3PA|+CYW,%H6!RL$.*+C%>|ZVP0BU$7/3/>1PP=O9_0.% M;\=C3QJPG37K98AV_B*X#_-^M7PTK^J3:9[3-'Q_;;Z$$$+|3*G(|& V6///NL-LB]$[VIM\P8:C:)6I:C3Z:8^VS%?1E:OJ%;,W26 HCWL(V((6R6_QWA<_>S1H31S_L. M 4Z0E^8)2(_O!AUQ.H_.T1!#A]WB"LKT3]HF_ST;K'Z.W\:V++:GQS(SM,QL M/@?)M0!=A(S/ROI*j.;!#U4ZXN;E,H=" M<>L50/C7N. ^Q,'3%^W.B7]^:8+1%ZOA]HC.<'5RI7,MK#L<*)^T)%HXS]1H+@=/SP+@Q M.@1>LB34-#P9?]]Y=|LB34-#P9?]]Y=\74'.-&;+AZTL\-/.U2-AG7NZ\#82G#.(T1 M$Z7YJN:,(B8U02]-)2<24R[++V3=5\97K# 1(A[RYAS]X+SP$+RDD!\AH"OJ-0K MFD=!P'O;N.(X$C"O71.B\CQ.XIAF*,%)CG"!$\14]E&NM.*ZB*G23F4>P9)'-M_NWZ[HOHM9:G3.QJQD$NA0 0WEX'64TI[&"T_>"S7W]9#3X_%9/ L,(6CGQ M@]GW00VWF2K)EYF'JZ9^ W@6ZW@L#5\T[6.9WDA!-.(*+M'CTN,...:&B).< MI%D69R)6,)?NC)317;?#.O#';X;17I6U7YN_98<2/G">F!,'LPC6& < M(}%R(C@K(+>2,X2,Y10=&+$W)S>*W$!JPO(?CB!8%'582+1@:K=G J8=-/*LU.H/,YC3Y?A+!0F1.,_M' X0SWI,UP #Z\?L9FI?%^:!$;;KO>QFRE"9<=;?"TU/5\]^8M:FA!V|@1= M716A%;;.^Y4=[U*Z;Y80;MT/&]"S3V#9BU(@R4]),V5)|!>.XS* >G*/LT?VZ M3E D#A6 >B.N2+KZ*",@^.^5H6HU:$^S'O3'.G=11D=ZA3Q'!U)X"]D'P,$ M(IAWXRIW8I\",>I)P0=P#-M4O[G=KVIG=MW]^J# ^NMB2>/O_4,9YF(@)MGBOU52W7N^(OM2KU:FZ9TY+I>Q)"9(ZPXCFB%!.DN-)%G/-@3C@0@V"4,B!W<2_0 (923"\$]K8_H ;OY1;[@HP_/M<56:DKW.UGM$X)W&>9"@6N2W3;,Q M3HH2*55@G18ERJ%[HHB#P+$S1#H5HE:'%!*)#10 Y#JOY6?%UJNEDDTEY%G&),&)X3^F;)$H*FQ'L#1#65842899DA;$A00' M)8W.?HWLR 1'_[32HTY\6]#,;7X/ l;/=T%A@!&=/P+.4]?9NC.^T%])?SRNMOOU,T;C!ID?]M/\,B33&-G [OYZWX#W(EI5_%YLXIO"^962]P>EI;@]'S) M]IY473A7"I2\]J36JK-HXG[UMJ87PJ9?A%KZKV.QOV?555NU(NS1%Y<^&< M\?FB+EHJ*S&92HTTBRWJ4DQ.21!!9)IF; D*V\)%M$L9A+^\+2#R@1+==.+>+ M%MTVM=#KFKJ-H;9R74\[U!%!T6.ZNTW^]OWK1D_W#V4UWYSAGW",T;0@1>&MZL'6V_[YWR\=PI\/:F.7;]8/U?O:L%][PW8U&_?=Y1]P=:MY/]&XJ?WV6/HYIPW$]Q+P\]6KQNB:.VMBH>8$.2WV?(9KU(=,$<_/_)D^N M)X)X;0TG"TY>V] S<<_?12??#ZD[L0$};4=3/F MN*BNXSU^SLI[93P?M6M-5A\,W*TK')P0M&<#[1G!F69%S#*6HUS9O;%$,41* MDJ(RX7F1T1@K%4.VY:$*C,R"^R9MM29KAWI@P,/!WLB[.45CX@GCT$:3P[YWMM3(W^W6KFS9J>F?9S6J!T0<$U/_F"$>E[^4]#MP?:IR\VTV3 ML6Y3 ;ZL/AAK;0[I:F%N>FP26A*53X62*9*)=)AC)/:>$F&@0%IFK M6^8H<_3,S#KJ.%3#3[HED2*P5"$(H,_^V@@P><5EKX60NP,W E)^?IP38F'< M.*#-/=Z+(-H1"<:PD-8Z?(24= F0/3*!OILO5=--U$AC"[O.=Q-]L\D4GNM6 M#F@"E[""8@3,$7#N_'FD5]0J=M-N:HZP].6.2NB5. ?)KI,PY@I)Q74RP!!PM-^VV2(NZ>]#Q^@R\|%WC*$O)8Z%C)+DPY,)-U$AT2E">)P1G."TP%]Y>V7D1 M(W-(\8^T^+>V^]2-_]Q@C\6@" _,^UC7&PTCA7'M=?>8KK?;ST$Z9W\8?ZC? MHA[WY*-DWD[_8H?.C<#5\)9Q1Y;.3JM?.PJ=2=<&G>[&#C2 >$[3%9CH0:CL+\-M8.YL-Q9P?ASH#F 89O2QOHGI:R?GF M1RV1B"&=@9/K?"&) N\%IH/9L2#@NY+ FAM<#U=?F\(K1MIVN$>#%1ZT2 PP'_Y8\;#'T]@W15%)@AE#);8%?U26O{JC$0F54Z*5(K"_MJ#!_9(T[W_E:Y4=@KM:!F.B<'M'3W479#^VH>AJJ/:.Y](.Z78OZ\4/M?[(%9D@9MTK2A!$.JXQUK4)C[WG4ZMFUA..Z];V&-X>_?5DDU/RQU3.R MB@+[K5WIG/HH[C70!^'Z=C \|O%];(-1"-7&[5IU\.IL%N^DW5NH[&.EGN;;IQG7):-9KE"B$HEP6L2($Y:C0A2<2)*K6(!ZYYQ(&)GRC!2M MJLJ$!M5.MMX#N#?DCP:FN.G>F1TE7M^?5+ M2LJ;G2DQF)1,>W MJV6SN]MD^R^72VDH-!N;I$!_}.) VMYVWBO)L$?D1$L*A4F"5J5-0:%)Z/2M?MQ3Q5\4#U=U7=W*Z5QO/QF M_GJC;!F\M;ML!O=G97, F(1?M=!-MR<'KUCS|>:\!?+.CIZP"],?-6?M.RYO+FWW2=?2U//M"J%*"":?SNDN!68D5UARE41EFG!!J$MS03AID(*"]P*T8=?M (<&_?1H^+ C M@7Y&=IG1EB<TXPBFFP @NVFE::"#A^9;U#9*QZ/+_A.-ZRK;\R6M-F^=U?+W;\OBD+DB4XCG!!!,(E(A)DL M(ISFQNVD*)W MU4TW"/54TN+'Y:?7W59>4&\>)2%6<&&]'E)B4-,S> VST+SI$$LUK&A>80%@VNB?&GOWE(69U\ O MR6&NM0"E1P1$;B"A(@25V5(PD*RGI01\K/>P\Z.WWR:I8JC>).AJV/&2*EP M@&T[6\Y+'S"]J_C5*(BH$+Y(4.N5LG.K&$1I#0U%,+!HYB\# S!RC=K-3@ ,&_M_ =L J9D>0D=:ER9 \VYY2YPW!D0!G@9<_4L%K):OV!B;9W6CNO.%IC"1%4BEA2T!S:ER2F3M]]":(-1:\1UT=P<=OMYTD+V]I M0>&I3R=E"97,])+ O.E))P5\D7!T^DF/*N>_1)N_[*MKOBBAC--JZ_5U%N54 MR 2KS.Z[DDN;HQWA,F&9YJ2P|^K=&K6?I 'Y*7IU9]|013>L0?66+] 6]B@T MXU[:V>+"=MY$<@*]>-<^5U[-,]{CQOKICV0:NP(%K5L/8K5/:N6BU13QED18=L>Y6@3DF,J48M:,2C?[H,_J)HI;P&H>7S!@ M&FA3PN>&>C!U73V%),XI^HL:A4\^;I$[,AD"N]^W-G M6NN4J53E.4Y8I.UXOQPSHI2QA%*=YESE@CI5Y\-)3ZR_+"/H@!-[F=SQ8G/\ MJKCQ?NS@P%YT9D=_H6@+89_ MKY\KVNBS33^]fK%-=]PLYCGG68;CF!>8%"S'O"9EE2F258F"8EH@%[#@TQ, M,3!!NNH>,4K7O_>371 "VUFMS/U-':";]KFQL,L_A= MCIU 7.MZOMWBJ^W\]H71(DDX4)@]D0[-2?&3*0%SO*,1X7D M.5]6L+%_1^E,'E&R5+$![1Y)0Q?!5"W%W.:T>T@\IUG5[S[]J+<1F]QOOU%0>>.FIU"%%NW5[\VRI;M[^V89GD[0@S> MX>ZK$H^V%^C<\.MJ?:<6@M"4ECK#>9HS3'1.,8U4C.,RY5&4R85$3G&,8O^? M>).U-*R"2<_\9_1AKI[:JL78 SOK'-%A&TKJ'2@GG:GQ/#J9_?B8[/ULCLE MQGX?NY//^%]>]L*A#=MV!3]5!DT444M?^_[5UJ[$VN+Y=U=7_M*/E_$/+YZ7#=VGF.UO+E Y@\/70OY.\?-M>A)\5QO5'U"H7=HBV9+,WKUTX?V0ENAQ<8)9G\\^/[/%>5RXEU;FB>?@9^*[-M/AWH0V6^=-[]^7]>K^NVJKNUO=+7|<,=N%ED9I9*H G,N<^-2%A3S.%4XHDKRM.$EU0IV:Y+U?EH5< &0Z8<23975?!V_ZM90?M^<$_6HX<\WT=T1P_9L-B M\-O#0>$\!GR$ZN%G@G4>BD0$"!*IV!OARK< MMOT6Q%K)+G'T_?W#W>}DU6T':<4?K>YJ;.!HAZH1[.X_%:L7<:Y2{J3"> 988 M@X,KAADS#GJ9*D:D.GJF!!57!N!IZLNNGA\DJE@XM\ ,#KR;$IH93J !USU3^VSCUDDAD~9RR2-P;M.G*QN$$XZ7E_I_VTYMM MDL$7M:[JUM:^XG=5ES2[H*KD44IC7,B48[)2B:E(*"ZS7 J:V\':D9UDM+$ M.JZEBW;$T8XR3-.=ALI-?P4! *.5?&0'JYA1N0(ICM-T9E4'H^(^W^3C+W@, M\|H^]+E>?3'[X|M-;?_5_$-WZ]_2?&>+U%O-^R@FRT_?9TPDAN.),P8"/:X%IH8.I MA1\)-G'C#+OISQS"R'$,;!859/7A,9MK.M.2O@=NYRO%|;_=KMN)"=BX*"_$'\[@RF7BV^=SZ00&_%_\;V-&&-JU^K^%@M%">L(K@.",V&X<7F%*M<)9%G*X8M/N\8!F J5QE(} MAE5&.291\)%)F4V\H#0N*2_C#)3]'P8DKSS!9[5!%^#F4PYPN9T#84" Z?;G M\CN)[SM09$"RL,-$CA%ZC4$B P*?&"(Rl 8\,K9&_]9K/ZMT;@V9Z-JJX?> M__50=6=P&W371_]=9RDN>,XQ(;3$/(X*+ G5N4Y9I-U"KL2G7AG6S90.ZI^ MPPC,<8)VK S'V/TA'8\ 3 $4,/>_-D;N_OX46/EY^BUF-LD;/6PP$SO,U ZSMIR!W-S[*"#WCWSI^:S;.^'"K?OT8/?]>SN<;NJUY;.FU5=K]Y7RYOFDC=M*Z)% M7A!=YBK&0AC?G)1)CDLI.2X$8T*KB.D"5.LT0&MBA=E2QNTO^YWB;_3GAB]0M=QY"R\T0"H0!3!=VXE]#Q(.4%)A'M15V%&O,;V0T) MM.'H/RUUU)*'=(T=@FOL2:Z#&J<:<8=> MGZ\IKH,0!\UP79[W;+;@=5>>L9T7],40LJT=E]*ZZV;)'I\K0]]%B)*(,VY4 MF>()>E)K3*U3QVA2/K8600B9O/,!3., H6ZYVA!'9AE#AYQ=#(POLZOR69GOAXPH MA8 K5..(M)H(_ Y58G&'\NYYVY3G[^AA60FF52VVPBFS_6I;9B<%*XU(+Z7@MADT&4G05CG%;!S>[-T@Q'6<8$);PPKJW/K-A# M,E.G[UD:K0'G-QKV&29N^_1\26%[=#ONU1I2FQO'EF;XF:[*90H\O?49D5>9 MTWIW=3LOILAO6WC=_F-57%E&L M1"Z2%"LE-2;13C'7-#?_DS.;$=NIP#G$!*(\;8UO*">FFI%S8.3NH6B++=)LK M ;AQ%&[YQM7_JRP*[&CX%UH/JZ/E5=;%[B9>WU 1U-P'>,K7"T9CO2@L.S M?]R\ ,[C'42ANE7R\4U=Z.Z+V8Q&+1]lQ_"\/3_$OF=V'W_(0*X) MEP1P^KW&TGB>?N-;[J\1+ #,#240P=@%,KS'8"AX3DX (-_"X VD^N#57K M<3{T0XI7HK)I&G^OUK>&17:K5;V1^5S>?.TVP*XB?Y&(*-(R)C@M68I)IJ6M M ,IQK)*(EEG*F-N0MC#L3'SDM0RVVW?+(MKQB+X;)M&&2[1C$_5\[G63<%>Q M =9H_+B;%WG8.?=/"KK[@38O^'XGV0R+ #JYPF$V<&0%(#+;614.D/U#*N!7M_6YZ/GG6];<,N8RO7GZH\2G(Y=P>ORYM(FT[0)'NMD0>5XFF8RXPBQNC&M6XI4Q%6D@A&622%\]$WV%@[,P\2FTI8QVH&WP!ZHNMT/3XL5[-PPO"#+S'8$ M'>)/Z";?+D#&Z?T:'4)RDBL$?DT!WSQX.S'HO[0_0\SOK.[XT3>O.S7_I(UTX0QIG0U7=]]\#GS)//+I< 8YXN<"-.!^>W]Z-J?[M7.'W7>VSO^5GP>[J4-S*LRC))3<&*]998MNA$HHIYY^9(B*@MF2NC3 B(Y0]D M/_6=IE^)7#MW"F;I0G%WLW G1!-V"H2]A+N\7SV&K,;P!"B0?0NE/]M=ZPG- MYQ**D1$<19T*2\VJT]LE5T9'R MI!E;)6S*CE;9IC"%:--6415A5\]7C9+WGV:;56-]$VLK M JQ%E4CVN]KG MJEZP@NN,)A&C L@+4PS'1,4 =E1!61QGI(84.QVON1^43 ,'& %;..R#96]G7AS MO]*T8=8/RL]&'O6S!S_7 15Q,_CXLZJ_VOG:G5/?7.GM?WY7V0O;I6P^+B_- MO]MR&"[B1!51A+,\(S:-0V).HQ137N0Q9VDB-8=8@/ZL3)U4N^&\&<-M>$,M MZI+8,V=[AG$6;AG;$J;C;=/%C#=.6D,(.-M?,1"F2>G<'(K ;9 M^8]-\|$"?>'+Z"KI3LTF6Z,K*R0EL7%PXZ+ 1&8E+G.C_!*1RSA/>22Y0[N&UPCEC ;;B3R,.6 M>"$,(:$'1#'!$|$X\(#L)RB4|(,I0C|/R5^?) 3C!ID--SZAG/1M>LM@V!FHVO M\H8UE5BH(LJ+6'&LB"*8[)AB;@>QL5S$I(AX*6 C-8Y2F5@AM#30A0+..0?V MG3Z*ClOI?:,4, WQ4M0+U)(,V/-Y2*)0S9R/TIBW2_.0F"_:+P\^[!OC7 FEM9//!L+;ISW6E[6P=F_5B>QM03C//2H5SX]-C(H1Q(@LF<:%$K(WQG4L!G)(X M2A/RR_7JLKRA:H-FHJ6+FBZNUN?+59L'Q*]!CE(^BD"$#BHZB!HL;CM&;.3SH*/|+**#KBR$R8C95'(O2V;=9469V<*K$ M)&(;M MJN7&QF0Z)UA&1/&M&D!\V(9M2\#; MCDOV'_8(!W1>(1(&VK^#I&;=Q2Y"/[_+3N_=K0R-O3E=U;+Z_N;WY77W@8?&'-V@PR6$[W'X][-L0B?!-KO/[6'/@W2U;!LJ M/++*[7?_.12**+"]{QDS:21N%%)C]DN$B2B3/LZR,*2B)YRB5J8_.'\XI= MZ?^HZIMJ6;'>4,MS'8M(9I@9TQ63/$\Q8WEB_I6F6.2XB'GL>F=TBLCDVI$C M:WME;@B[W]2<1&9X+X.2%[H57XK]<;MT4F,W6Z80LOO=-FTQ6.TP^"7,=+=.8 M4 /73B=?G>WZ:8SY_6NHT6=A&J:UXNK[TNS=6^KAW(DY3&E/*>1X>V^,?=@7WLB[-LH0%1-CMGZ!"?8--#M69WMK_/4E:VN4^S M:>,PYG'!:,7^3I6V/1X6"2$RRI0=?F5WD\A2S!-58$DDB8G.2$&===A.4\.1! MJ)8-I/;XL/T4[AYEVY0/B;[\R7]NIS/"KA&K\+A!HU<=9/LL[#JY\,>U3<-$ M3VK=MGD)&D:^;F_7G9;.\E/_5?/TFWC;K MWL9S#*7R=>'_JN-?-3:UN; .03=M[P\!CLV6/OYDsH'()@ 5 MQL"< 0@8KG81Q2\8=NJC\\'7 1L0Z"(6-/>MWRN\:^ ^Z6LGOU=V=VZ[_(=)(-MY(25..=,8T++>$R2E*5.W7/&Z$\8[=T.IG4@!OD4YAXW8U1W*G>;2L3QLHMX2F3 M-#$[.XIPF68E3E.2$*WSG#&G#$H78A-OS^W$E97>[!S5LP\T<9W &P^<%"I4R>H+*O(FBPZ*^2 \=>?S\E/%/WBJ_J;.71!7WV:?=KU&D6 M11G/.8W;ZBY-<1E'!-.DR+-8DUSI M;^8HSDQ;,)84*T9>$"?>I2Q.?9T<,_ M.U\H'3=V4(" >_QL,,[*%Q\6=X*$\1,$7RUC?!B H93QD3<[1_)MQRU]-C^8 M6]:XG,2U8TZ^]6Z4-"MH)C.,8!'VSJ%$X+9GL[*=B55L902-)3O3(:F5BWM M<#*U'4SVT#.)5|#ITK9,,7#Z=Y#5&O>@YEX#H/;ZYX8?.*AOQF4X9U3?#.L1!M'|@7"+NQD7WGDIEW:%\@4%Z,[0QU73\3=Z_I0=_4FKA3/+3D@0RP8\0 MF-7D/BW@$\S>R=(6BRR1C)B??DA@>D:[,M=6S^_1[Q+7WHQ)>1 M"-UV;%A@8#MXBTE/-*UY+&EC]Z,(^,Q<,15V& S1D8)SCQ6Q!6 EY-$G-_T MN!3L4BOV;**/UR__=LI.JJ;7WU>=^T!(&D?&:],4L4^;H-J8,HI'F&21.,9U MJ67]5,D=DJFI+QG[M)2K?8?BX54Z^OGK[H?KIXS(.#NX8-C.+0 6THAO-=ZP8&Y^#Z-_2W?3WT1>UT4BM9K1.Z6,.E- 8#U"7=\C5&?43&^B&KI8WG<5Z*M(5_2E',&-YY!FX=?F:,EU(^C;$9%V?LNVE&1CUGY69G67ZT41QU3*U 9[[%1E M(2DNHRPW^X]$DN4I*XES'T] W8EWY983M&,%[8J2-LRT;?C%4!CE+&S'#;R) M$(-MZ!\#+'<#;"+0_&RL8."!K"9H]TAO2K5],.P5R?KIX[)9U^T/KVD[)%W?!LN75 M0VN$_6H^L6X^-+@V?U4HNT13'QA0JL"Y2^/A9PJ7+$ZPXDH3H[VED#FLD>-< MK$.VH5<_R);+![MU8]NIT(=KKKA^-W:!>H:Q!FV4]'S_HOKI9XS_B\@"#.Y8!W^!F5 >T(@_H3V MG<1%0:TD%ZB3!>T)TR_S>F^9[;0 *Y$-,W0R!2QUF7D50M7.5,7VO,4X,R_& MB^]>n>SG[612?#)]V\|_JSCQTL[%6/BY%;?M/VL2_KX^\J63%ZJ>>LS[,Y$P MDMD]F=8<*3$FNB"X%%1A21/*"!,DC<@FR_[;.:COY\A).QUFXU[!) !8YBK^.MV&JG-HUU>=<"QT2P=R[3Y8R%<#LC)L;52^L?\K3GP6S8Z@#>,,;95\CUKX93W M^? $4L=G.#*K@CT?L.F'E8N4>JKXV"5DP;?A>T4$(D)<.1 MU!(325/,.H7$[DD/(VU%,3_DO0+4; JCA"]8@%#QFMO6C MX*[97Y<=-HWJGY5*(^E')O1S'|\MO5;U:MIOB;A'%/"LSRC A*<4D)L*V(\BP MR'E9^&(+FS@W3G(#$W%|_KN?*/SSA'[8+|>61_R"PW] M\?7:.EZ/]=/E4OZZ^J;]HN;D2S%%3I),TQ2F6*2)!HSQB*L6*J2.\"C@K8 M#=$@OLO:,, DHJO4:/$8^U1X3$,'"EB491I@5/"S,E7IO;0(PI' M/$IB REGTNG0"PZ;5X^L#;F0"+G%LX+)#\[QM9K6MC>/7ZM9V+_RFNGXV1BT;6[N_]U,.8L3FDUK_ML63W]W!=_8^2O0)]^=NJ;2[K]JF6-^^,/EG>=(('!MIC>Z/-%(2.9[DBMBV@V@G!-0VO>6G&\/2SW^[&YKP/?^2 MN6FH\V498 JN,PP/\-[TR?K),O7S!>H%Z-.0ULB*<($LU_TCJ.<<=:.SW-ZT7 MJ'4SK1D:<(;<#"'"'FD0W):OSSK,;?074_'FH'E^EZ/?U VI^ZK6ZJOVEK=9 M\#3/"BXT+H0QCXUZH[@L-,59R5(>>)+D?GV-K],&)S[#!3TL<5Y#V?T M C0W!1*"IB"]$?AK,Y%/2,H&?1"U^OUJWHE-#?8I.O@,;.OYN%,@-NU%-MZW*_8>(?2G[=^H2]LU+&69;3J,#4&'&8::)CGI42"U;&6I$T+V/A&L-T(3CQ M%M^R\+U1?WMVMOMO$BP^K MNBLAL@:6.GXSEWM^U0IWHE-1

*<[2DF)2*H5IP0@VKFXD6*%R HMR^3 Q ML;K;\5<#:AIL85IFPG@11L=YV# M22!{S(N%6>VT->,83=>8NB(IRGV4RT*FX]\/6P!M^1\'XFZ[?&*_FBK)W;KOIT&V,>,>"*

*(JGM6.ZL9Z(5?]]D% M15ORMK])VIX0M>T+1>?HL)M;^<373\/HMO?/0\5KT^](6BCV^A5;LN$V_;AD M@7;[;3JS;O-1<9_O[_$7/"TN8QKV2N*_*+Nl-9U!P]\](ELKM5?*

*MZS=&GG\L2LV+,L\+G*19@0GA"G-64BR)4EG,4W/L2UBBQ)D<39X+<:HJ&NA5 MG8F[HQLU'Y8PK7*T9'ROJOQ/RP-JF0AH602"*

(Y3G\>#E7DLH2TIZ(5$$F'TL&$+-98+0_9G,3=5-U4 >)XW-LV8 M3%>UK);V3'K+UP7:(;S0BP((L:,<-/(3/L"H+)#5,?7D)!+P!40Z8@M\T2OQRL_KV-_-V9]J8 M?]A9-$/?

*G&5;.@BUW8HNCYZ?7+WI]W*E;6?H;4 SSUA,\D+@E#."B1UM4V9" MXE(0G>B>R23V'B%[G.3$F_,PQ;C:3$8U%OZ=[8C=AH?E4$S4%TE'_RL*

MMJF02]D6BVQ<$EDRJLT)+92=$6O_A\=:8DTC17-1Y(0[SZUQI#FY6|)RT:;# M;8O|>T9;_[YE!6&NR'IX] $QP?]I+A*

*X^6JN&$$<5>"8^7KLISUC7H>9;8I6A_+GV'VM+U1H2|HLL,'TI+%D1-1QA79LH3U@KS3]QLIVK,V\+*ASS_0(>3W?OF0AI;_>?*M\Q :[N+C>^5TY,_F<)_ZS;CYG?LPSH5+*

*<*OEX9^_65T_58*}D]*C.1R#1.=0D:=>A(=VI;O2,,+!OH3TL0F!OO"I[C+#0*,"_*/MCW0.D'3!4CC"Y7&4:RV=;D<&:$R\Y2W1_XU:LFU':TO8W7\|A/B:HIZSRE,3N_G R?V\W>,*

*(!*O[<9!MP$\]]>9L7N@(Z_L^YMBC?]9'M[Z$]>7R\T?N_[#^]A5*21(P76&?M^,"$8:,2&.LTRH5*Y$]3".8:NA&>W:=K M4^@P;W/\U?*

W#W>I)V3KGO7EEJN,$9I(XPNIFD82'"NB,#>?;7Z#W(Q":!K128 MQ(&,%$>BL]HH,"">FRC MSUF[3P^/'1MN=B=8,VMOEM)[^M1)8M+052!14X)

MGEDC+6'C<;@"4OR4MNS^>Y,2?)3&RG[!-&;W0^@ DI^$9MU7"'' W;BS{JP,&,D_&G M/<,HC_RN$G^L^];YG^O5@ZK7335*V=U+A/ ML8XQB:3*

/(H3G,A"%$QC:C05S]!LC"Y?;/AX**]9EIWP=,-%\ P"Q1>QWC+ MA) ! R\MVC+BBVU&4#Z(">I9#Q&4\T0@5]H.3GC=AX@O,B=:,/[3^]=*3'-ML?*

7C=EW0TUV#V"P2S!@=>)2YI;NV1,L&EC#06M#1:0)=9(9WN=X,) M3.PS=8111QEM2+L[#P/XC#M-8:2&[>OC GM$>0;PB#@YS,Y(@'REL8% M'/"6!EZ>S5L:%V#?6W)XVC-

W.+!)Y]A)6M5:6Z\U(^P4Q'!0R)SC5!?UHJW5V M+'Q?C(,&-/P)'8V96V$NMA/O]Y*4NL5>[RWV!=H*A:IEW _58.2_&L1*]!I MI1[GS7]:?TE>Y$]+2@-MP

J[\R]+\M/K6'H/F%Y+T5A(MRBC)"X5C80>O14QB M+A3'191$7"=97B9.DWDJ4QI/O=TT88PLI3=;93}?5MY_&&XMOE-&67W<;E7]7V[MIL^RKF-

*>9@EC!&=*YK.#:8Q+DF0XH3%C*DZ22#NKG&%2$^N=ECC:H^Z^^48@ M&E<\X02':9\7,D.RQ;$PN"NB<'!XWGZ^_*&]!SV%5B"_WDW] 6TU\H'95);; M(/MZR_$-/S__S6-3+5737*

ICI#55,]?9,&C-DRR55G,E,\70DV+KG 99]++ M32GGG(&&)Z@;[';VE!%>2]DLA/P>3FVP80'],Z?.0&>XDC4>Z]M&A'UN:%?*

O^H::F4/[B]}W2O2QDZYT[B!8TXZ=LA/%S1/_J9AC M9XU0RS2L4EYAA6"J9^[%"7A_$!G;,@09@AE*O^X344D[1(,(V5'3*?Y[%0 M92ZE @W!\F9EZE W=#CH2+@A]$(X7FO.

B\PK!X8V3,Z(_B"$KP- IB15^IY MX O8Z08'WE_TG?)75ZIY<]BWOC]8RZ3,N68ZQ#*2NI",D(S! M=-MI6A,KKXXR>O-\' -TK-]IK!S53Q@$8/KEE/ !#1" ?,%F^9VF-/,8OU&1

M7T[P&W_%IR&K'0SZ3;5.>GQE!NZ,Z]^4>O'>KFQE3)-DT)03+5@F!#C,'&:_M1;CD!2,BE4(1XMZ-=9S@Q/MZPT(?F=AC G5<04#>E=IM39(=6VU4?Q\&]I mZQ[*

O1=#0N0;]-5WQ\.L-^JN[#S58=/C-CIU5WH0[;K +>\QU>^DTM'Y5M M>/UVM6S+(@?Y>K6_?/C;KU;VJ=_>[1<;*O%#2.&M"8F(#1S0E&F>J4'F:LD@* M4',F5*3Z\.6C:X[^X81]-*

UP@C:L0,>8.@+!J9Ol, 1-40XXB-%%I#U3V8&-0 M'(&I%#$FI1:8 M.;4-V<;/#,BU/[@F;%'_8]RZU]QYK%^:IVCMJ[C>WU?=Z-"?U?K

M6UNJDLNL3"C'L<@Y]HP>U$IB],L+VA2)DI3IT%0$'<]\X-"YV/?M%U2[U M&SXND.4$=:S SUDGMQ)6<]M" C/SVS0NYXS

MS@_ZOGYB]VK3R49J'9GS&2N=%YA0KC"-8HYY+@MC|I,BCA(HCA%:.J3^[!A M\@6RE($]?T:Q<]-QNV M#?:W+9QWP\(7M$QE;_V,F4Y)E+'F,4LQ3EE+*

*(_3E&?:*6(Y2FGJ<\U&/8!] M"4^"XK9%@X@*VZ.=R8N]1NJH1S9@R\$QR4)U&3Q)9]I&@F/BON@E./[*OS_< ME02^:^\W;*T699G8"@\9+E*F.1%EAHV#S'\!6!P)QG0]!=0:/]*

*PER_<$46&M*K)DX9[P(2[N?K"WM)Y>L*N@7C[P46'.\H /OSB[_WM4H&/>[_$'O8>N?JN: M:K7\L*K;5-SNOG\A\KPLL]BVZ>0!)MQXNHR*!+,BS[7(6983Y=&9X00Y1]_B*

MV5T4NISD3ZNE;>O5+]+ZU +PLSMJ#P" M]!JAW!-KVG Z<&>7I7ZI!0X>;.E M'J4R]Y#4(5&/3$8=?-PC33G_)=EO^!WU%Z,)4E33),%Y(EQ/*G9LLK\3R1B M0F58$)9@+!F-*

RRPO2,KC(BNXGWTP2'<>0Z&]YZOX8]NBI+N__?3Q M\]>W5^B^YPE52Z/?5+-&/6/^]]/PNML2IR/5H#A[,:D$A:RU=V=-:H^]MB$ MM2^<))U@,/M1F(+GU8M47]OU6,VZZY3V\?

*Z]HY4, ^5";&*KI"?=]3FX0%OJ%ZBG#]O[M@[*Y[?M08,#VO#\.X.WN(F"@K3Y(:M9M[B+T\RWN](?]OY-&3]%76U(;I:6OMPJA@J>2"U M[$QV5A4-!>.YN@;_?*

VZ1Z2>U_O%Rs^,?GHZ$5*PF3*L,1LZD*I3;.FT0) M%G;.0$,9+]+K@BQ@>d#9RI-KENVO/YSE.HK%7LZ07&ZLM/M1^M/_BG MU*?:;M>9[FLLPVAX>)\:P5DV*

*M;0>=GNR/T@3}^1K&>9;PR'C_4:.D'4V>XI*1!&=)GD>Z%I?JOU M^[IX'9]+X;R66YH_%L!$>:.E1NOI#O-ME_*??EDW.OQK+V1$HJA4S/B:I>UTQ-/"+&\:X902E4>9R&D!REW](1?*

*4IZB_ M[=K/';O[\S.Z^^_];#K)?M2?BJ-=^R/^ ("6\6R3'=S7_@>:ZW\B'7[XJ0[/ M^:?X7F>EP8CGFF^APB@%XYU-#1#)/7M=,5LL;P]MOU5)]7*O[L>O1X9>GTQ0]*

M3=03W5<00H6V@"6@T -*\=%),I#.?#9V=I+CHNVWS72X6F/+*QU:]+ZJ+V8+?,D4B9WF)(,#2K4:D&\]W M.O7J? E7(\P?9%R-/>M;4*B-VI)OU-*

*+\P]J&IYO+I6R/U'\K<]RJ=55W1_/> M$X>1O=T!F15I491482$CHZ1B1G!)(X6USJ,B5X5MK@8K0@S'W,3*K6<5]9RT M@?*

*ZFG=#=V=R'_#Y)[!FU)=%HQ/0\%/H+=$^%Z>KDMLDZ@O*RBQ-L)11B8G@)6:.Y\:"3 6A)8_R M&-3L\A2AB15M/[ZHXLZPC 5>1(A-W470FZ8ZCHF\@2]+<<$"Z1)3F*952N, M"?*

M\AX\^/VVZFVTZ9H_E^L%'#,G M=>WH_Y#972_@\4WS>OFA4[CI\"/]X]WMOZE_^L5OZMNNAB%UK98WLX04+3 M)!$[S+1/M?54E0(K!W5M%/V-T8V*

*M/>V:_=77WO>MH)AQBEAI7*$BI0H37A:XS N-:Q?^H,+K? 4P+I^=!]# !8/!V>[>O 7>/]2XHRO^/8_WT32[#EBLXV-I=NE&[?S<;5* M;&:@QKF(C3Y/<]L&,8IPQG-J:*

*[1E7!2PMN>#]"96X#OJN\(!Z\-M\N,]!@N/-M >AF-P:$)82A",/%H[&YD[3!^ID/4YNYC;F3Z"^[E[N]!K?Q#HO^-S7 ,'UES M>]_^X5DY3**D*@A-<*&5QL3XH9CRB&*

(M8DI4$F51Y)PIX<7?IQ(KB1"L$9+E" M]+IVRY&R1^2(^,=I/C\],H[M!!ZI$"H>ENX4V.I^1%^"'":+CSH)AP)3S^^YL MUMQ98N\\;=,=IR+_GYG7-

EMW@^B_J856O%R4I9%;$"39V7(1)&9>8G">DNBL-IPO M/CI()\Y38AUKQGGRV7-+M_J8UDJL;I;5_RAI?+?>SFZ^&(7P857;7.QG1U11

M%"Q+!M,:QUIEM/$\PCYC&(FXS&C,HHCY50>&LC)7-&VET3VK;4QBPQRRW&> M/= 2;O :N#EM\R#K&5MS!G6FJG!?B((7BH,9>:7;<5_ 3I>3>W_13P>^UUH) M.[[OHS&!*

I6A^(6MU6$;!_/;CYQLTCR7.N2V?B2,'HO31FFJI!8EJE*\I0+ MHPX]6A'"N'#:F&V#;=0T#9EP$5P4WP3 M8.JE[;!$;SD_. (1-B Q&=59G[*

/%=@GE_QC8=+!>ZM&CSNN3T5%%+CU&I2 M1#C.$H:)DB6FJ4OP5G"N$!%55HJ[K6'D)X^6,G(YU1H4&BH'B>L:..9,9@N M&@=K4D/+#X9@$700\9D#[C[*

*O(R_>WT%'HI_8VU4VO^T.JV_YKO2NPRT5=:\ M977]I#MS;9-G'<>2ZCB.<9FDRF@AKC"/>9MYH5211HHIZ&&O@K(?V6$*J MOZLV!LUN_,.=80N)?:*

[@(\'Y:>&$::P.;I_8Y1BW+O3T&S/<(MXQN M]NVK+]L=-E?EP'0Q^"&MQ=:AC^]BS;W$F\ MS99U>QB>GO!^N=Y--NAN6K>); M5B(0G/,-$2&(K,7-EA=OB8/Z4X^"-;PK0T(

*C,E[2@1*5'-1S2MY8?+LR4PN(BW MG\3@]#P\%6DSNA^;A<-U^VUX@?EUT=]^C^H5:WQH .ANFOZB_]GD1HB>DK=JG M]KR_]K>UDP0))(U*)VY*:,BYL}?;7]6]7S7JOL\]!')NKKU6-*

*=)?T[!]VU8;]S#.=,L^'C;[M(183!O".9=*CGNO]U?VX%]^]R/+=_6#+9]!]I.Z'6$;_>-[;6]OLT>[%5UY8 M4#!P9>",U8OC?FP"= S(D3)T@AG]IZ;MT$+B,B<$;Q6+7*BDR*

@H'_$XFJVCA&9NUQK0- C55I#3_MMR\W(S\U5\]7WI?G]WU8/?1X3NU%O MG@YOL:M'%EG*(Y$8LSIE1-L&96;G)6GF&HU2H2$22Z4Q =]XW)U,G$C_RH(5

MJ\NT)8GM&/]XGE&1OL03 7NKX;EI@%6Y@B"0PK6,F<#4D@=>3/QZRJZFRX MGFNS\S_HT:[;ID)^T'>Kf,U:$2:$9BW&228%)DC"CPZC$2;28-"9SY$*IA!V*

*ODTWGXN&;#A]AD2^CF!#DL':ZI]0H*A-M9MK/7YFOB?8)9@=^;9Y]ZQL_&N12B?F2V"N'|\EM5KY;MDMVUB1A&NQC-HI:B M4LVOM?G+@F>]T#(2F,?"V#4RYIC%VJB(1*

NJRR0N."CI%D1]ZJA@QTO;P^6 M&V3900?\7"6(Y@A X;:S7B9#$'8?@)'=A;|<(@D(4"HSVK5>(%RW-+Q.\C MY[1[7MW?5VM+Y=VCNM1F'W^H]/K6-GI3=GC/-*

*SC:K.M*K.TLW1?XQ0]+6SCY8_>EM4T M2TL=ESA.160LDI1C3N(4%P5-1)'1,,I;,=(:I.'2C>T44L_Z7$HRTT M?,O6ZL9>L-@&;@[,]N3+4V<,:6B4#=' X[9!3TLQ"F#" K;B"]E#-.:,,E0:*

MK\%OF\X\R]08'VQ^T-/^AY5Z%D]7A_K>KJ3ZNUVMR3&0DD(S"%;43%B= MX%+$!$<9BX3(*YEH;E1ZE.O-4ZFM@2198]\/;@*"Z.-P/G2@O;:\\%G>"L M&Y0H5-#^:*(UY*

*_)+#8KX(M@\'-# _^D'W07^V!XLWUCVZ&OGUF[;B^FBI0S05F$ MTR++,.%*89K&(>:))]J,TT@PZAI;'R 6.)=K^<.D,]3 .(>T0\+C&>BUWD @>+_[O(.W @X?&2V M.P)W@?*

*9O#0!OG=MV:,]K]K9O2M_]V6=>/6LWD?,B*1)=x#S+8TR8R#'-;'9R M2BC)BHS)A/OU7?O/S,G6^Q%YO^,,:\'MM=`K^>%NNP?%WLX9F0A6F;_>,KNT!*

MNCH&/JI9^[GF1JO>>,4O/,:G)-7:KWF#=GIWFO^GX3;?A^7LF)+]M;>AM0K M)IN_5\OMK7L>QYQ0C44.1\872S-C])$":\;RW ZTM'ZAH]$W0&=B#=931CO2 MR-)VMV:&*

(!JWZPO#E.R)V3V2.48_'TXVW"!0/ SWJ__)"UYB#9@)DVI/9I_MHF#"/N&F]>I2&$NO5I\??6'5G-=eV'5?V5W.FOMKRIK0!_I_AZ MH:

(D%4S'6,9.8B0PXQHC5E,RI(P'G&U!0+I9HU#]B&%ZQ7-6X,-ZC9I&.SO:!(N]E;4Z#GI?XVC-@KV)X59"FB'0,7Z/(-M3LM>.(O$XE 5A24^]R6DRf%!9*

*MM;1_;. ^3ORAQQ\]FTI5H3ZS+I6VE:]Q7P_B"}fE*8IWC-%,Y)IFQJVAI,"V2 M1[ED19XI%B^^J9JOH,DAX9B$[-!5ITWJBUA?5S6BMVUU7$WAC'TDVV"],-M MRB/LG*

IMN$:WEFVO2>-!U\Q-#;N.L TY4 QXD^6M9\ONFDAEF?4,GV!?FU7 MJ?^O76++<^:; F3#_@7]! B?IQ(>W_9,@$9?)6JK MNE,V3Z!O+F0[FKC>YQ0]>?)+C/L'MGQ"&\];=F;

*(TG:_V3\N]["B"R(R](;" M1UK0[?Z@1%ZW^\>_:.OM_]! ^[?[PP]ZC *^;OQC7%,I%TVL[6IC5K7MEK> M6FUOGG:/](9<6Q_P]WEB_TQRSB9COL/=%AL.AX!2#5),,'?*

WIUT'&'8P(F#\6S6 (<0SXP>'N<+C_V_ X?CKYZ20.^/9]-[_YG]A/_^$TS3+X^GG?__YST^_M@?OY?_S'O_S+Q_U?/_/UP!O?WHU2V>G.%/W^].88GYIV_CY^S M^3_&7!-*

/[R=A66;S4X#_6/VSE[,O/^,CSR?+GP03^N+7+7+GXZ_U=3F/(V)9!! M6E""&_ F1\@L!6\8?3Y;++__ZRR_?OGW[R_+I8AFF]-M"RS&_[I8?2/M+(7E2NJ/TO73O;!1OX+7X/Z+>*

*")/_+]T7^^3_^Y:>?UN*8 MSR;X 1TO)B=S1/^)+RQQ?\]Y\?XI,O$[SXWLDRN5AX,DLW?FE2-3.;7_S+28@X67UWE'$\ M>CFC[?(B+I;SD)8C33#U)12PF@50,B9PA%3@(?*

*'H=4RZR)ORJ9PL65(A>8-M_O)]O47^N\?]M#]7U;26TGNSG)K<>U'JX60KLGF4X@3'%D1DX@[KZ%@_]V M0##>@N88=?'6.*L/8N&^E6]RF7V92 *+7X+SX/EZ,I(]9"!O "2-Y$HG5,*

[YQDC91,=6 M8!'//RP'RWI O-QS7E[&"M7FHO"%%5%&">(B>)4!0HB.CD@6A9'62,QMWS;]V M%4CTLP%)P/#))UH<5OXPG^<;9*###OO.Q.A@;!5&")H\IHX$L"5*1&U\](<-M!*

*(l;*VX%^O-L0'&00+L PP?\/*XE%=/E'^$41T$$$P*YT2YS 2IG_"7L[/I7DN9TD03@,R$ Y3]O!1 'IR *VJ*04!>XV'^:,5/+C\5LCQSPPY+43=*

M!69>Y$P:69S_4<7#1UPZH7+BX)RNX9HF)H+/P!*/5N88365A[&O8>KO,&7MF M8#E4QCT!Y27]I=$W\T^S;=&0D-SRP#-H+LHJ>'+'H+?E@C'(U$I<6IB%,KA;> M#B3/)

*[:0KX]061UD+Z;OY_/OHZG"4=9)<^3XY"5+138%P0GHJ+ ++421:&H M_[#$VD.K;P>6YY-[;2;JGA#S?K98ALG_ _ZR\KN<#$(5K<$[*LDT.B=;>9AC6'OE6 CA2I)*ZSV#+ **1Y2*

M$B5$B=CA2A2!NX.@L-Y;,#P?/)!NXORTY,PNOO MZ21,/^,]#6RU1AZ(?N9R !5#@^AD@A(-.AUXYNZP6H]-]VX'B>>3*3U8LET$ M&G_'R>1_32FJ_HAA08=>?K-8G-53+S*

E8O(02]F>Y@"%L 2ONALRE8[A=+!_MY,'EM\/<\N-MI!U%Z#YVVQR1QI8QK^X8BVP%)KQ MA*78(<X[6S8NNUWQV'/+B1XBVRI_<5[*LJY+J&1L,6(^T.EH/22#M0L'M"^ CQ,*C'?*

XDYW\^K;0>6Y948;2+H+Q+R9TJ>%M!Q_Q5=A&<[9&HD0 MBV?UFI'7"CE52"V<[E6RN8"2H^]%!F^]O=3.MOAYCGEAYM(.DN$+.RC2_# M$C_/YC\&00KCF:M=;$SM*

T2,>$S!)F#"T8X%5OX*C<6W0X?SRTANKJ"-*%PIU1B M6WAL7'P[F#R?/&DK.7'RG5@6+Q)9?[B+(_I-UXLE[A8]^*W2?@\]TM8H*

*M6TP!;62F(U)YX@)-94K&&%%D>UC*Y/ZUMP/)\FI-I)R'R;DA&+Z"P.8 @9M M+0>*VLF-LHP M=4%!4;]"@)&(%U*#]TR =ZB###4K$)K[!M26W0\3S2;;>)M,N '&M==+'$Y+B*

MXMW9LG;UK#<(Y1<&AG(:]*6O":.?-40G*?:2+(MB?7V[T2(O\@ -VT'FN65; MFTF]#PR1D.9A\F:..\?O_PA\C][-+FCL@(210R16RC]Y XMZ0>)1++V,*PW%IV*

*MNT>9SRWE>HAL.WEP=_5]\#?Z#@G$*6&-<2"3B+7<6M;.!$_64A3.8N2AM'G6 M?YOA[0#R?!*M+>3,%436[X_73'#"N4Z\@\"9U#R?-*JC:7>"8865\\(,?_ZXT.E!*<)/^'WY,_T*

*MR_\8D:QTX3E"<-*0IU4\.+*)M#&DY*ZP3-NC"90>)66X3C1M.\]WE7DS(/W; M+W?D2KOF'_O.F5BE#P^;+7'G(YK,DWB8L -G2!-/HXO$Z05>F.(VEX1D8E0&*

*MI84"GUF!Q*0L@0NK9'I$*$AL^]B W8OU1ZUYK,9+%"V0&E?62 MS/$B&'?84[QPW37NQ0K=QP& ,:5W=#/$/!SF]PW J;G=&'G.I4B+@+$6+7FL M'0=D 8,*

<.3>B&'-8Z]M;"P[76&Y_C:\Q?N;W!H14ZD4>:5C6*Q'O, M(@/W"],4N41U8*QX:\7AO+4F^_T@ ?:A_%6U:[+"4!8+YQ4$SZ.EE-@XG6 MIIB5\P _V=A:[]L_'SBBRO?*

4UEVU[RRZ/C3^]GSJW"A2H!!SL(".DZ5"FK:I"S$85;^UH*#;_9FFM]+A'UH_[?Q_/1-'@E+IY&W!9PI@@00$9SE M=-1II&\CD\8UT?UZN>%Z@+;6_!

!BZS7YOQO4M7A77LZFBIEG&NRH28>30'M M,+'8(QK?X0.;Q.>[$G!@Q'I187[I\9>+7\.)P4BF!#HPKHZTX((BQL(=A(RZ M.(FN\(?R7_LT];^'E$.G%OQU3K)[/Y^5\37N5,&

*(QD'A2#Z2=)RL'/U'$HO)MBBC=@YUA[^%N QG#SBMHH?G;\PH.E?7>EN4KSN.LT9B+#_@5IV?X&TF,-N** MB;^/ER M<,-YXJ[Y#(P[R!P6< >#8_:T>NI@XLH''PVf;?*

*NR]86QY./Y\S_6YY4I]G M*N840PTVL-4@-(K,+87G4==N4TKK)!ZJT-H/=0]1-.RTN/8 :R;]GK$T2BH+ MH[0$5EN7*;0!HL@6C"W18U9>8.M1@_<2,XQC_>0(VDGF^X-*

*GM@R3)N"YI/_U-M]R\X)?MZ*9[,??%>(A@5/8G'_G-8"Y#$>/8AN/#@\!P',O,<.:GV,X5&WD MWH5;]7*VÉ+XK?YW-\N+%-'_$^==QPLM#^A4296F\'M&"%)-M#M#;-+T[K"^+*

M7B9QT'E<374!QJVV6'9>1^8M!)T++(V)9*@S\&2]%-D(E1XJ M<==@'?\T.XM%C0O3\+\.RY&P?.@*+H!YU4= M:YD.!&85*.^SYCYJDE!C7&VF9)@Y2\=%4@.9=Q!L_I4L.9<#^*

M=L>A7^-PB[!KT/RI&1P_A>^XN/1/UX$;\4C?&2]P]4/R1V/P617R0FOI3"]3 M[9PH@ DAC>+1J@<[A>T#P,>I&F84D#F7&IC S.FM5V[EYAAYD@=%TUM)-]3ANWJPG>D+=I:]DZ$

MU^>>>-?\8HTA@4C;)\Z[!C4*K@_9M/935;.T7\I M)>^0(^H(V=>0PX52>V0AR)@3,AV$\,T1M!5EP[KN1P%5>XUT<;:M.O/A8GG. MR'4.1]PPLMQ%.9.QSB.P 4*1 1+'"+P-1L?*

63M,#Y R<:3V"_F?'4<6ACOD3 M6+ 1#RGD4IL^ZF! 95MO5PT#DI6S@D?4[J$>F^TMU\"9TN.CJZ%'.LA W,](M8MZSH@Q$'5E-H$2(@2Q[=JAL$()KVSI]=1BHCI<+/3ZHVJBA X?

KRE6#@:.M3\^(J;M;A% ^QS.:X_KU5'/N*_K)8CM,HF2*C*F$!GH7'UH%PR*YE&L'2D. -22,(M#BXY\.6BBEI:..N^T.5JN5A\V374,@.PIV0LR1^XO#*>+Y;+.^3B>+>L+PT\S*

*M.ME3+,=N=32:KLWT=FHQBBMPI8LO7-LIJ*4_>BV7$\D[#M]#V*Y*T8"7(=811MHAEP)%ZX<;V]#5 M.*VFG/,.R1,QJPX=,@3PO@00-I5DI"CWKK+0*=IM39(>*27MHNXN\REJ90U*

*MF64ZT:E(H(I1$+C*H -F0Z:Q(-NJH.,9Y]\VTN2CN;1=Q-IQ+LVK6.?(>!!> MU-&3=']'H)$'B4*QYC:+DG_SY)+VTFM6^72=I%P!PIV!O4-!)P!Q YG\9Q<=AJCSIHGD"G.HH2(P&|*

*M#K.UFH?(4@@96S^]N$E!)Z?,GOK<-&EG/^%V41CY_BQ.QENRV-G[>6VTNOQ1 MP[1E'83P7V?C+S=>V%%L%E(M<;,:>:U 1:V6(1XHE4TA1V6BPM3^[*XW# NP0 M1-Q^OG-*

*,Y3PK^*Y^\69Z/B1R9#GCD](&,N=KV.67!:*L$SCYY)UDLDI1C6Q1G[M43HL%(^+GSW!>H JGQ5D7ZJT=KH>W'QIL-^H*)DD*R34ZELJQ31X53TX49(O M=*

*O)W_K%Q(S@#^O+=0GB%LKMHO'E=5 L?CGL_O5T.5[^6%TDK#YJ6AU\-I]?EZ'- M/&L9"D5SG'@3)H.3Q@&/UD?#A0F^=;2[*WW#VLV&?NC1E-+%@?YF^A77SWH6*

*M;Z8O2]%=1;PN/I[%Q3B/P[R6&BP6LJ3Z+FVO_SD;3Y=_HU\ (XV;= Q!8>;0 MDK$4/#($5^AO1;.$7&>9FC<+.HC@83W2XR'I3CO[IU]J%QB^_]WR*XS+]Z^N*

*MI#R2/@K.H@=0+1F$(;,=#)S.(RV5B);$]%OW&IF=RF%-Z)-A)O7M!MH&=:#?#*P M-5%%%U;O&O$712?79+62W:AD70HUSB@(\X*L^!4%&39HR_U[LC&IF.3'B5K*

*MV%>L0YS"313408"RIOKE+2&9;#+'ZDZ3$2:'P10(K@3?]ADG/0R'N=2Y>4> M(UU+RQ?AOG\QWCZ^6]A?: (PQ DX++#D9PKFP2,,#6S MIJB'@Z\EGAK*OP'"*HP#CZ@N>.B\V*

*M8.3@40@T LD"-\],[$+@L,I[$;!V-.WTT_+H+C]_X/"I6"9MU9R**4X4*QP MH* F@$GDN7H7>-*MQY8\1_^PI6&>PL;M*?L.PK_74YQ__O$!5^%S#6^G)/L_*

M_@C+LWF8_#4LWM3I/K5]^(GI;(0@3D+QQ%CFAK9($B"T$)XI)L_:1Y.^*& M'9_;'F''T4H7SOTE-Q_"M[^)O?DX3&HRV>/9ER^3,2Y&J42EH^($AUIRX(T# M;IP*

*FXI,:%DTLG4]R6,T#3M\MSV\FNJ@"U1MWC O9V$R,DHIP9%^(%N@,_1P M&:&8D<&4Y# T?Y9U/S7##ME]*D.UL]P'Q=!T_'WT^GLZ'=-Z;OG:J3X222B5*

*M10(TF;:!8Q:B40R\P\)$,C'=*MM\YQGDO1\^[+3<=DAH((TNC.CY-0((^(9X M1BPZ(VSB))90;\]3@&B-!5VBMHPEJ4OK$0%[2!EX#NXQTDR'BWQPX_$*O]07 MH(M/LP\XQ6^KY*

*;]9;Y63.7K%7[%22UJ&V4Z5WM=Q#KW#)EM8=@ X*SS+(2 M@V3IL9?5.RXY\-#;ML!F6*+N(^?T?HY?PCB__OX%IXO+[(2B>#$G0\QZ@_V>.<>D;IZP,%W85[=']DS#6I*

*#A=V%2;GMOE^XG>32<2F9]$;%OW&IF=RF%-Z)-A)O7M!MH&=:#?#*P M-5%%%U;O&O$?12?79+62W:AD70HUSB@(\X*L^!4%&39HR_U[LC&IF.3'B5K*

*MV%>L0YS"313408"RIOKE+2&9;#+'ZDZ3$2:'P10(K@3?]ADG/0R'N=2Y>4> M(UU+RQ?AOG\QWCZ^6]A?: (PQ DX++#D9PKFP2,,#6S MIJB'@Z\EGAK*OP'"*HP#CZ@N>.B\V*

*M8.3@40@T LD"-\],[$+@L,I[$;!V-.WTT_+H+C]_X/"I6"9MU9R**4X4*QP MH* F@$GDN7H7>-*MQY8\1_^PI6&>PL;M*?L.PK_74YQ__O$!5^%S#6^G)/L_*

M_@C+LWF8_#4LWM3I/K5]^(GI;(0@3D+QQ%CFAK9($B"T$)XI)L_:1Y.^*& M'9_;'F''T4H7SOTE-Q_"M[^)O?DX3&HRV>/9ER^3,2Y&J42EH^($AUIRX(T# M;IP*

*FXI,:%DTLG4]R6,T#3M\MSV\FNJ@"U1MWC O9V$R,DHIP9%^(%N@,_1P M&:&8D<&4Y# T?Y9U/S7##ME]*D.UL]P'Q=!T_'WT^GLZ'=-Z;OG:J3X222B5*

*M10(TF;:!8Q:B40R\P\)$,C'=*MM\YQGDO1\^[+3<=DAH((TNC.CY-0((^(9X M1BPZ(VSB))90;\]3@&B-!5VBMHPEJ4OK$0%[2!EX#NXQTDR'BWQPX_$*O]07 MH(M/LP\XQ6^KY*

*;]9;Y63.7K%7[%22UJ&V4Z5WM=Q#KW#)EM8=@ X*SS+(2 M@V3IL9?5.RXY\-#;ML!F6*+N(^?T?HY?PCB__OX%IXO+[(2B>#$G0\QZ@_V>.<>D;IZP,%W85[=']DS#6I*

*#A=V%2;GMOE^XG>32<2F9]$;%OW&IF=RF%-Z)-A)O7M!MH&=:#?#*P M-5%%%U;O&O$712?79+62W:AD70HUSB@(\X*L^!4%&39HR_U[LC&IF.3'B5K*

*MV%>L0YS"313408"RIOKE+2&9;#+'ZDZ3$2:'P10(K@3?]ADG/0R'N=2Y>4> M(UU+RQ?AOG\QWCZ^6]A?: (PQ DX++#D9PKFP2,,#6S MIJB'@Z\EGAK*OP'"*HP#CZ@N>.B\V*

*M8.3@40@T LD"-\],[$+@L,I[$;!V-.WTT_+H+C]_X/"I6"9MU9R**4X4*QP MH* F@$GDN7H7>-*MQY8\1_^PI6&>PL;M*?L.PK_74YQ__O$!5^%S#6^G)/L_*

M_@C+LWF8_#4LWM3I/K5]^(GI;(0@3D+QQ%CFAK9($B"T$)XI)L_:1Y.^*& M'9_;'F''T4H7SOTE-Q_"M[^)O?DX3&HRV>/9ER^3,2Y&J42EH^($AUIRX(T# M;IP*

*FXI,:%DTLG4]R6,T#3M\MSV\FNJ@"U1MWC O9V$R,DHIP9%^(%N@,_1P M&:&8D<&4Y# T?Y9U/S7##ME]*D.UL]P'Q=!T_'WT^GLZ'=-Z;OG:J3X222B5*

*M10(TF;:!8Q:B40R\P\)$,C'=*MM\YQGDO1\^[+3<=DAH((TNC.CY-0((^(9X M1BPZ(VSB))90;\]3@&B-!5VBMHPEJ4OK$0%[2!EX#NXQTDR'BWQPX_$*O]07 MH(M/LP\XQ6^KY*

*;]9;Y63.7K%7[%22UJ&V4Z5WM=Q#KW#)EM8=@ X*SS+(2 M@V3IL9?5.RXY\-#;ML!F6*+N(^?T?HY?PCB__OX%IXO+[(2B>#$G0\QZ@_V>.<>D;IZP,%W85[=']DS#6I*

*#A=V%2;GMOE^XG>32<2F9]$;%OW&IF=RF%-Z)-A)O7M!MH&=:#?#*P M-5%%%U;O&O$?12?79+62W:AD70HUSB@(\X*L^!4%&39HR_U[LC&IF.3'B5K*

*MV%>L0YS"313408"RIOKE+2&9;#+'ZDZ3$2:'P10(K@3?]ADG/0R'N=2Y>4> M(UU+RQ?AOG\QWCZ^6]A?: (PQ DX++#D9PKFP2,,#6S MIJB'@Z\EGAK*OP'"*HP#CZ@N>.B\V*

*M8.3@40@T LD"-\],[$+@L,I[$;!V-.WTT_+H+C]_X/"I6"9MU9R**4X4*QP MH* F@$GDN7H7>-*MQY8\1_^PI6&>PL;M*?L.PK_74YQ__O$!5^%S#6^G)/L_*

M_@C+LWF8_#4LWM3I/K5]^(GI;(0@3D+QQ%CFAK9($B"T$)XI)L_:1Y.^*& M'9_;'F''T4H7SOTE-Q_"M[^)O?DX3&HRV>/9ER^3,2Y&J42EH^($AUIRX(T# M;IP*

*FXI,:%DTLG4]R6,T#3M\MSV\FNJ@"U1MWC O9V$R,DHIP9%^(%N@,_1P M&:&8D<&4Y# T?Y9U/S7##ME]*D.UL]P'Q=!T_'WT^GLZ'=-Z;OG:J3X222B5*

*M10(TF;:!8Q:B40R\P\)$,C'=*MM\YQGDO1\^[+3<=DAH((TNC.CY-0((^(9X M1BPZ(VSB))90;\]3@&B-!5VBMHPEJ4OK$0%[2!EX#NXQTDR'BWQPX_$*O]07 MH(M/LP\XQ6^KY*

*;]9;Y63.7K%7[%22UJ&V4Z5WM=Q#KW#)EM8=@ X*SS+(2 M@V3IL9?5.RXY\-#;ML!F6*+N(^?T?HY?PCB__OX%IXO+[(2B>#$G0\QZ@_V>.<>D;IZP,%W85[=']DS#6I*

*#A=V%2;GMOE^XG>32<2F9]$;%OW&IF=RF%-Z)-A)O7M!MH&=:#?#*P M-5%%%U;O&O$712?79+62W:AD70HUSB@(\X*L^!4%&39HR_U[LC&IF.3'B5K*

*MV%>L0YS"313408"RIOKE+2&9;#+'ZDZ3$2:'P10(K@3?]ADG/0R'N=2Y>4> M(UU+RQ?AOG\QWCZ^6]A?: (PQ DX++#D9PKFP2,,#6S MIJB'@Z\EGAK*OP'"*HP#CZ@N>.B\V*

*M8.3@40@T LD"-\],[$+@L,I[$;!V-.WTT_+H+C]_X/"I6"9MU9R**4X4*QP MH* F@$GDN7H7>-*MQY8\1_^PI6&>PL;M*?L.

MRWA96WNO>YC.H^7.#^MK]S.'ZY?8XZ)R(.)$82KV05%^RFJ@K2?@N>UEM;: MUD]K=R!OV!CI. BY4R]_'&5U@<0'9):-"CIE3WN5TPE0B"OR!Q)D)0V7(ABA M6D*.-"P'6|8|
[$@<*?-7A-M=(&LE[/3T]ETQ='Z14D=1X"9=IYA4I)@$GD4 M:%=1A$[D:624K1NGW*9AZ*9[;;1[=]+@_H+N BKO+U:^8N+=V7*Q#-,Z]6(D M&3?>UUQXM@:4(PGY[/]QUKMZ:||-
>]S]B!%0WM91X%10R5T :I/YB\#^/\9GI^Z%\SKZ-H??#*9RBEMM M28)3W(--"G4J7#O7>O[&XU0-FTXZ M$J :*Z,+B_0!EX$"X_PZS*=D4A5<1HO1]Y8F;B0$&,D*ZN0K&P@N2&W
M%"L7D4-N_8+^<:J&S4L="6"-E=$%P*[QL-4(=5&8\BY9L+%VQ1,I05!906*& MZ<229,T=JQU)'/:)SK%LVQ'5U 4.[\IM)+Q,WD4+GM?WDI%$%6.A(#D*Y()< M IE:&[:[5 S[(N=
(:#I0V!TDWG\?3V=SHOMRUGW)FE.<&D 2V: 24M2A90)E M3.;2%>6;/[ZY3<.P3VZ.!)6#!-U!X>I=L9"UG)S5^/3];+Y2SG(Y'\>S92WQ M_C2K5Y&SZ9*HH$_\?,EURHFSP!
(87D/97!@X&1-YC]*EX- PUG[,;@O*AWW] M\V3VZ^A*[<#F772>.\|AGXN^;=M1-O";HB-A\0A:Z<(AV^+^8F0HE!9UI2L@=\A'2MEWU@?/1BTJZO8V_7QJI"89!T^[6L']A Y;1>I
M("=ED.26&6]==W4_-AN8^*ND#@QQ/R0BM_O\[F\]FWFBL\@CX2'GR\FRQG)WB_$)D/R[?D9+1#%DRL+*65L="D6Z*&C@S]!T3D\VM;R*WH6O8 MN\@C
:NY0CI(I7T*W_'V3HG"4)C!$B2YNE M 4+6'%*)1=G)0^M(\ -9 Q[MVW@D"!TJ[BX,TT6N[18?0CA>HDG@0[)D8)6"P'BISY]-*!(C'=*-8;.9DF$O M"X^$G 9"
[P(\JS"%Q%!A<XRF8>\+C^4FM53$@"?9K19BY_MC)(VEHU@9T'5RE5*ZOENJM; J)FF< M8BK=JC)^K/O:^2R/8& P-A->%5;EZSW['(8O6N%C(%S/%D(5$[R%:"A]-
M"98S:W)FK'J4J(%OX8Z$J[:ZZ"#86L\:V\"&T5JB$L"-]&1N MK08*(I&<."FU8=H[V=KEN8>4@:_9C@2D%G+OPCIMX$'IPJJG#Y9) 8H["@!H M(P!#(QV+/"3>.EC?
%S;/+05]H+3[NHS=-,LN8M%,9@C!(C$3-7C+,F15;&WG MD85K?9(]2% WV>@GN9(]4"%=V*.+1C'K8N5/X?MU_G Y"F1>'.XI!$!X++MG:CL#QPF:R,K4_) MQBQT<\G;&+A#:KH+&
[HA>K[&CE"8'6H!,JP&Y4ER46W1('(VM),S<=NZQ\R# M!'5S1C>&83LM= &J>Y.[U[>*TR9%P1.8S&JC+V4@NJ A!2%1.$P.C]*=]1&Z MNKD[;@RQYCKI
FFW8^OK;=]D<1DM!4O>T*Y!52!ZLL<"N116!A::OZ^XGYIN MKI,;HZJ1_+O TF8V7,0D$D7:A:)UBK>L!R>5!.&22<6*$LT1VZSMB*"GN%9N MC*##I=Y7IF-C]#
[B(7AM8P$NE*^S&2CV<8K\PJ@=KV^&'&L]]?DQFKHYZ)XD MWW&X6IK![-]^N2/QM_2-U8]6/ZG_Z@.6G^J??WYX<^/SI^/%[&R>\"\4:*_M_B4=X;/).-
=+BE_#I,Z._7B"6"L0JR).Z,A/87*3B\688IK'9O5L^<&_7!%^ MFZ7SS[\#G#9,X/+O)=^6T\I97'8?*^#NJI.^$"AG@ALA(MKXN4[_.?*]]D$X'@$3L:'0.W Y); R
MJF!,T#:T!LQ=*CHY@@Y3[^U7)H?)>D"T9!R/WN+G,'D]7=8 LDHBE8A2&@\Y M>I)$S+1](KEMI4B;1?):VX?>)RTP_>7S[.LO]-%KA-!?KH"Q8<&ANVH>;#L. M%>+_^E]3?8Y;F^@
Q.P)J*KVBJ4C,OA(XI"^6-H#BN6'ZMH>5_[UU8:Q!0>K M:]9 =@-7WW\@+_8; 7_^.YY&G(^,X+XDK8$7CN04Y5#3D@:0:5Y$S-G9LD7I M_:V/'4Z_^^MEUD9(
^OW>FKH;^0'5]MV\1QI)9LQ+BZX,DI)$SUAO3A0Y%2# M3R5#V#B_T$W %$7GP-XTF5PV^S^<&#(S^X9 Y>R@BA9!&-=^AYZSN<76GL M)"+9$Q.W*Q:.J: . 'B+GUOCL)
(G2!HA'5]2A@P<^M:M\/8N37YK^GX^ M^X+SY8]:\7C1%.Y+%6PMZI62!&=" "-%J7,5-417G[-(845F*O+4NJ':#N1U M$HJW0>"QU-*!%;PY>CY9);VG:
(1AG?:;L@)OG09)UCO[F*R3K:MM;A#0B7_6 MZ #=6[0=X.+:C(WW8?YNOI)-7@UU>8_SCRMSX,MR!KZ$$533'46@U=5/I=8VK%P>+%V?)D-J_>Y"CI8I3F!H+-
M%$NSXDE8W$+D!8D1)>@ /QZF;I,S].2)8V'I(+'WB:'K8\JBM[KP&""*0MLB M\!I9JP!D9'.*F%V*S:^G'J!GZ(D3QT71OH+O D8WY]W=:V)Y*MQ[60#URLX* MBB:"D,"\RT(EZ;-
L79FU'65#3ZAHZV:W5T8'GM1-KNY87BUSPA09<%63QY)) M"(%YX-E$H42TP;=N__P14//ES@BI X2?J=0NFY^'DVANAD*3019&QU,F"2H:"AQ@">*,DL<"=
M$OV\S#I>^YGCH65/60]<+_*O]2:_<6GV0>:J?\K_66^UDA-B;W"KSBI M&=01"Y@P4]2I>!64R0R"-AQ*$H';F P3MT9/;BP8V&')[<#2>U[ZF'(>&#[7 M'D9OPYG+BDGO#)C
*18@88%G&L'J+$L(@O';WO-&!.VVZG8@ZCU-?61I=W!N MK5\1X6H(R65CA_=AU4MD\>H,1X(K&10B>6D>@0))$EM*K%[=1)94-&1I&Q]A MC]&T';:>2_JZJ0::
(:KQ"]!+F2W>E>LE72_#XN2WR>S;XB8#6SW^?/PSF[S[MW)'T]D\^+Q>Z?.#';$)GD-QB54T1Y 9Z&C_QU%%'
M)G."$CUM)N;)Z8_,050V>A8]C[+]!.0NGW@>IOE'GG;N(N8NGW8:;5GVVH P MU6V3T4(44H'6H93@F#-IJZO59_^TQ#HV+>Y\=EN(]5TF#K?E* MY:0%IX.&K*/RB"K%
[2SD/\O#SIV4NM7#SETDW(&?>_]3-)TDYTHER,0.*"TL MA* L2.N"9K2'O#G:8=KUP\Y]S$I;<7> FPV/#;72,3-OP=?9'\K%VB2T"+!. M)X\ID;/>&C#/YV'G3NI]_&'G+K+N
"TW+S_.WZ4H7[10P4 L*50>(@07$CC# MM!"U"J!]$>H&.H9%S*&Z??"6:0]!=P"656.Z=]^F]($GXR\7CYH6O_[X(YSB M:C-Q8H1C1J#_KP8,)6*H*.#2\:)2LD6W;NGS*%&=%"T??
D2U%7^_>*KLG.\X M%DIR6&>AB3H>%I,G27D-,7N4/AJA;.OG08\2-:Q9:@R"[2"VIT:&'B&VZD?W M*7Q_'^;+Z>4S71XXS]$&<%'5>Q.*"&J2&X)&Y1-:&]4M&[5YC-C&3^\2'/NJ
M;]94EAT8G'/B/]&OOROG7RS.IYJ?SQA>;:' LN0Q,&"R!I^*3GMGM("0#,9L MB2]=6CM VY'6R5N*PP^S8ZCB>2#LVFXTR@B1>8$@:0^I(PXIQ@(*Z/QF1EM
M\]/CK)>C[B@0V1V&>^JK S!N/@[.3;<7CFFRWI T!2 J,1)8#6MX+EPF\A1" M\Y?7#]'3/=3VA<%6'M8>.ND 7QONE4U]#."U!*FS!!6MJJZ!@BR+R#H[$\71 MFLZ]W:DAQ/%OVQLF)?
<3< <0^0.7]4[P_7SV=9PQ__KCST6=:/3NRZH69?KY M15J.OZZ?@%_<&'KEG F,@0^U*XJK(_RLJ=7 5Q>Y/]SMEBN2FAJ!5V:3=-X@B2^]2RVRM*GV:ZB#,YY[BE,YMJE.K$_Y"FGM-
%XIF?X^P>5ZO-MY MNZ#5]\EWY<*X^NA!D+.C/+'FE3:)NJ20[31M4[];T/7L!9W>/S<:;O36)6= M /36J,S5;!+Z<]T[:#&R.D7FBP2=;:UQ%@FB8W6,$@JO(LI4VH/S89J&M:,= M
K.A"CMP(5;O"'\-B]I+[?0+3A?KK568TDK+!!DE18.U_BB:.B:'2\12I NZ M]8#FS90,>RO:'?P:J*L+2_C7,)Y6Z;V;OAHOOIS/67E7UEV+^*@HHZP1 8PV MQ(5'"10U9F!:EBA83B*V?
AOQ,$7#WF=T!\.&ZNNG_]V]4S)7D@WC_&GV$9?+ M"8YRCD$7DIJ+!DETP4!P"4%(F0T6F9QH;1VW)F[8I&)W2#V.4OL![3I/?U=X M%R\<+E-PHUB06Z8C,*Q-*;$PB"D'2
QCB3YB]*U??VQ-W+"MKKH#[7&4VH&W M20*=U^=XKW#]YS417MQB7I6O8E-*Q,/$H] Y4T*%'^Y%@]V;ZE80^F].6'7%%_K/F!82HY=C%. @R M,J
]FE8M.4KS/CD/$C1LBF@PH.VKDDX1=K%OWH;"FT:2T&< MMY*#5LF&^F5N_AKG4:*&S08-;M+V4^VZK#IG2/CZLA*&-2<;>9M M%3_1HF?AB+JQS+!YET$@M+^8
M.\3,^SE^.>\-\V*:5ZR==\Q;9S5'@6RK3=P!YD)R"[G>.QH-P@29'6=,W"Y$ MW1)&CZT\;')D$&0U5487%QYW>?R G\\F]5_]6/-$C%[KOS?2PG(54@0O(Z_=
M]1,$Y@4P%%$:Q9TOK6ON=Z5QV"S(8-Y80\5U&@J\/OTRF?U_("3U2K7N),I MF. "AQR% B6,!)=K=PJ.BMF0BGT"6-Y/W[MR0>#9".%=1@K7-1;O#P)\|]X
M>1K\,9O>/!"8$XD+DJ)DM>PBQUS?7(Z+4*^S:[L?#8KGVOW'V%J!@3I[RWEY@DN*^\@;N/_Y8-:P MC;ZZH0B!*UV JQC)T <$)S&!#3DERT,4OO5#N>VI&_9<[N["[$AJ
MW=]ZSF@W'A.P-5>^N*_P/7+/.3(H6&]GR$^&J(0&CKY(Y2BD8ZVO,W:GLI,& M8F^/^9"JE9(Z.,0OVOQ^FKU(_W4VGN.]8S-'5B8>G9*05.TK77P!YY('HT/ M#
,FU;J8:WOJNGR(U0PG=QZY'T5I7039Q$I"S(O?2,AOIHNS>6U-O:X\JPQM M$.G(4'"FZ32!4BJ/RGN(/F?RC$JV@?QH=CMOW>(%X(Y4=OG,ZF@ /:X2.[*;
MO\WF'_!T]C5,ZHCUQ2@547+1'$0D@2FK!+A,YXY6TAIEG72N.18WDS+L%?! M%O$0=?1A_FZ;]MN3U*]FK->)ZR/GL^R5GW?E,0ZE0U6JOUW0DUTG5\37*5HIY""=D-)B
MZVKJ76D<]D9ZP*.YN0(';A!XOONV&9)3+->E3E>2FLMZ,#B(/#FP%K,)1L:\ M51I\^Q6'O9Q^(I =40G#OR2YQESU,U[DK]6KS1MIO"R0;7,P^.0JKCA=O;$/BL!GMX>*0YNKK
I_;RW/$ M@H]%,P>&:]I[*BD(I5CR;7.V*B3K3&O/;WOJAKV&?F)4'DEI_=ZBK"?:;1:D M+!13!3H-+ 7_H!!K^Z H@+,0LZ#=I\L3W:(\0&4G/>Z/>HO22DD]9 .OYSL7 MB[/JD[PK;V?
3S^1VGJ["*#+PU=](%#>5 $IBABC(X17:%L>84?*V.]@V2;V1 MJBYO39KAXJ&D].%*Z@!V'RZ+?V_R\6*:SPM'KF+Y$?<^"&XBZ"A[T-?E_9@(&M#X1:3A9SHB!"="(:\WJ1D_[\>U':
MY:7)4QS,1U+FP(GI*M#5(\(WTY>STU. MC# SDFIV0-%=AGI;"4YC@<"Y%DHP\KG#%AG$O1;O\DZD-0"?1C4=.(J;7=_* M[VRZFE]'\9T6%,)%D"Q0?
%=B;:]+\5UT.C&3K>.Y=3/C1XGJ\LKD::.3?574 M14WVC:*,+V?S=!(6Q-,'S(BGJU?4-V8HCHPP,GM9Z\U]I$W%#<3:YQF-92P+ M6V(*K3&X&XE=7K$<#9%'5-
PGN2UBZ1WY28GE'"@5<;0>0LZM]Z4PLS9MB;B2DRRN0IPB]U-%/["ZW#57PIJN M-\Z%X["^-96*\VL!L%KV_=0[W)$0I""]@N+RLCVT>YVI W\X&Z8@[2IOCI" MXS7']??Q=#8?
+W^LNF^?S":DQ\4H6,NY\YP< 50D.HO@F+*)8M$OFSTZICE M^9MHV@Y__XP7'P=KJ"/@7=;:;F1*4AQ>F#-0))+$9*BO9)T%JZ(-P@H?1?,+ MMPF"E-BQ) M&<&C]F#4:K1*D,+
<*OW;&)0^OM)V4'KNMQ%'D/K MPZOQHLK;C[-[O*B9+': M.P:L3ENF;6' .]H;)1EI$)/.WFR!H,?6V0X__PR7"4TEWM6Q]ZZ\&E?Q3?/B M>D[:BVB3=!0Q,Z%!&9_7L_@J,K@6'H<
MWD?;%%M?NS!9I1@W2'>D=0F<10ITKC-\.EO\LUQ5' MTEH'+S8J6_7_U3'^&B:X&D!2O>9$=KG^@(Z&F]^X]IOO<3Z>Y=N-[%Y_3Y.S
M3%*Y:-7^@6S\ZU*P*@&CU3I$$(*.%G*_,\3 +?TG*"4E0RU:-WM[6@Z'K11L M_%*D8W \]ZTS2E&K2#8"4'D%RI4"GEL$%)Q'Y@VRU'ID\D$$#UN!V!.P=U+=
MWCC]LMH^Q/=\V0%:,:<<<^"0LJ2S3#H%D:.%XJ5'PZTUS=MG'Q^M1TL[=(76 M751W(%I?3Z_G'?[MESO")WG\8_6CU4_JO_R Y:?ZYY\?WMQ88SI>S,[F"?^2 M9J?K)2Z%NJAUF-
/%;#+.X9S?.EQR\3&=8#Z;X*S\&B:K#FHKMNFCM=C MN6\PNAB??IG<2HC=2:FV6?>7*[9O"^1\^3L(?!(1X/P7E!%A M%\1<>MZ. K&2-4*1NH R]?URX1DTNO_CL3ZN90UZG MY#-
RP)CJBYUZ6U][0"O#,7A1.SH>C;M/P\]+;*;Y.R/C]Q?S@!<]B_GRBO*/ M":>!#..+[^,%Q9\R!"LR$!_5NQ4(@:PQ1,\2YZXV&-L*)[3"-8S05U?XN'?Q M3B"RAR9G+<4Z-"[.Z?
YSNOB":5S&F%_-3L-X.@H8%6T,"T;6P7C)/ I M8+)I=WN(>9CV+B/@&'PT4BIL]82[N"%T 8/$F.TT0H.SO!4>]/48;#TI1$J M99&=5K9UZN0N%9VT$]_?D#02< <0.7?\;
[G[+Y8OPWS^8SS]_+HZD3\]0&54T5T &@#DMC%!YR5M:! M4N 69),7,.%(XXK\!E6X0LJNC8^D'6 M1D(ZPX;*)CV)Q >[<+.L.\/*IUH*=S7^L6%BC_P+X4;$L4@(IT-*A[73M6F.!
M>9]]](K'Y@.[[B5FV!"^/7+:2+T#^+S(>5S54#O#C?.;Z7F3UG-FN&(E>V0@ M4R 125X@A#J\.QDGF+/,\-87)0\2-&Q):'L8M9-^!U#Z@$N2!^;783ZMK03/
MNCCW.6/>)2\"U\18),8H% 4?N(2H2D16BD)L;HRV M)6[8(LDC&*:C:*4#N/TQ(^*G2_K4R:K]+GTR+I;GO$0=:=.4" YK7C]HVCI! M&@@H+#*1H@JV,<(>HF?
8GHSM0=5,]AW@:,.M4):1K&WT$%2B0-.:VCG7.M 1 M(Q3^;KU2R7/=4J,+Z--N\/49) M![7NQ>QLH8TA*1[510#ZDBT*E4QH_:ZV#>6=9"/WQ,\=.#ZY,OMY[W+W\/\#
ME^_*I_#]\EHI\$*G0A*0O20W0%7S71+M=X6<,2VC:#ZI?@NR.K&&;2#86@T= MF,CW\UD9+]_.%HL1(V_1DHXAZ%K9H+*$P%&#X:$VM'+&R];5=5>K#VNJFBOV M;B> ?:3<
3[NBST]+QP MMN?8F&JNF2Y:2ESV=+DJEQ"B%E9Q,$GY>GOD(6IC0?@B/"KF,+9N W6'B.[J MWPXYQ0X3<03A/EJ& M/<\.5/%]@#E$WOVT5;JG;=2*(R4#=YHED"747)J(X 1FX
DSA0=HR6(?"T%W MR1GV #L2B Z4>@?V9U-?IWN:PSHG).=:0A*QSHC/"0*=\&"S*5G2*9]#ZXS4 M]M0->ZJUA=>1=-(!VFY<=*\>W[Q(_W4V)D)J9__?<7DRRR/#T0DZ^\$H(6KN
M5H"/1E-H4326H@/RUD[2-G0->UO<%F'-]= !MC;GR"[:'*UF)I[%Q3B/P_S' M><[M?*K$J/BD,1&3"66IP]PUN%JN$V4,WI><2-
9/TB:%T[!:".X)F@"*J(9!D9]B3^<(81.O)3;:^5CRBA!BS2=X%GG3K+,A> MA Z3'SDJ')].<9VCAW:-])ZA*AA8M7!\;:[0GI!V.%5=<@R&7)B.(F:]^2!0T"N@*7BE-$I
MY^:C1YZP1/)H%=Y]EDCNHLRF39:/8RC_P&^KG]2N0?7%5DZ@?4FU;V*JV]*# M54QD;JQ*YBF/ZDO"M@+AT:;B' .$354Q<$+FYH7U!\QX^F7EV"893.)<$N4^
MU(M$BKM,POIB.60I+..WKT VIE_N^_RM4'&TH30-,W1-!-C/=<1][-#W3\=G MIZ,HG8A%.\@AD_GTZ,&AT("Q2&E#5DFU=LD>(6F[M!WK'$K'D'_J+IQO;R* MI!<7]\LC*8N.%)J
C$C&TI.TB$D-3'J?6+0&F_<]?8"<@0?<-T93*[GW@Z1[M#N U;YN"8F9*G3PG@$)@,KYUK!@%+PFBE<5IK6)D3Q1#WDOCP//MG\9%:J.A
M7H+*^_@[#Y,5=X%Y!TG5()S5R5A(%E!#'F12O+M&R(^1M7 <^V?$F6[:Z&? M:]%ZY).<;M_5G6^?JQN[$86K7CM3P 1%VT;D"#'% L@UPZ"X9+=?DS]V/[KM MT@./M3_.]?I1Y-
Z+N;I@[MW\99A,-FV94?0R%L\,E*@L[1:1H/H!4/MY1&UM M+LHHDA.;K2$V0\V\,2&@&&&# MU!B$LY =C4B+K5VN/)2=G>&3! MA-:9B.?3HWDG3>_6HWD'L7>
HC3OHNBM>C3O(O4.H'.W>W!]JA-%[9!@ BGVR:"N>PTV<7_W M$W /$%FE+]:)TI&+Q@5/0:,@^P>J]C*HE0X0A$25R1PZT;S0Z-KZG7BX>^KR M-C3V%>S@W?L>J$@]OVB^2#?
4?BD%BZH"*60.N0"O+$)DFB=&7$9]*R>SR[N_MFXMU8C,. \=Q1/L,K[AX""[IG,#P5(N94=3'/@4*4[S$Q'(*<3?DM+WB>L(J M[T,4?
^"%URY:Z*Q09(M[EJ"T]9GL+7GT9'1CE616%IC-+A5-_\]'J0]I=._U ME \ &V#PF-KIP4_:IO;ESLO&Q MI';W^J\U*(^LO=Y!>L\S1R&C2,'0/F2:T3XL=6I5R6!#4,)Z&9EL/65E#S*[
M>POX5.!LH+7>@;FI4THJM&[3=)3:SJ=\ M+OC4]G)???6.QW6-H322%Q<PL4L@N%(3D-"B?'7-,92Z/\C3P\$K/YMUO M.L#<[CKI 6774T#D2CA;FY8)GGT==V0A&J:
\Z@U9Y@*#IY;>\H2X6:YM5T$ MV_39Y]%JZ6:/E)R]7\G\!)?C%"8'E=3MME+CRKH#V'S2 CN7$R-H%G#%UT@U M9HA!4R3@0@A<:17MT0:\/V&!G7(QV%@GUW)#MMO4?
53[1!5!9EQK9XUM'ZD^ MMP*[7;#P2('=+O+NX3"[H/[E)"P6YT):%?]PBX*C,9!+/95U(M_/"PM9T8&, M(J.0[=_W-,)QC:0\/W@>4@<7> F^OTGU_+H\Z^Q)"!:YE(+HJ#=SF"$)SE
MF*5#W[I/VUTJ.D'*8>J]71]UF*P[0,M'\K,HGMA8?)$RX]G59)RI7; Q& C: M.RA,QUS##*V:G\/WDS/PY*<#-7W;VC02>S<(^G5S^0XWR42-@#:350ZUW"O[M!-FCY,QK)YL/?'J
G('G/!T#08>+O1L$O=S(2A!"%U4G8TM&4:NJ,TD][0U- MLI&A/G?FQ[%!&\D9-J@_"H(.%WL/"+J;[L"4A!'(P!NE:0\D Y$I!]FPI$PV M5NNC!9%ONZR[:^(=[R?
@#B!RK93]:L00SE>9K5>8)J$V\LC&$>D4;0IOZ.AE M=0QR?96?<'YZL,6+Z;YX]GI:9C_F)6/X_3<1FG,%V^2&EV-EVN MVCQ.QFF\U_OP0U9KDM!NQFZCI/:
[^>9TVYE6&6.L#=8I29JY8:=[HI@GA![MN#^GK$ZGH M5_KM?XQ0>.]SDI"+8O7A4(; 0ZP=VVCW!B5X:OZ,8BO*ACV;GQY[=SS#]OKK MU5Y!4PI?$;8)DF055O
:?',6CP5J;M>92M,X<-2#[X#E[^Y-PM=6$ M5E;:S$"X0GZ3([_)UR>Z+L12BC#F3KO9(477B2%]:LS>&=;WU)KOU\A^Q>D9 M_8,THX-E58JZCV&]\R&-C.G#Q#4RH.?+U#%W+VO?
=0+7W\?+DY=GB^7L%.>7 M@,NHE4R, V-UKK8)#KQ'"]E*4TPJP?K6I<1;DG:H(7QDF2O(%VZ"" 5!$H9! M*9WKD$H-&0V%<8IKYUI?;6Y+V[&
[1@8NFVTCJ*E7@W3W\)\7/.H%^,/7I,9 M7NX70M_[44V,U':$'FBJ:HGJ?0M=8BN:X#$55KMCZ?KDB('C6+-X)B/FXGEX M3%3;K'.HL=GX^3]>C1=I,ENQQ@=SZBR<'U,&&-?.O;BUR-
M^RK2,YE)H4%4Z'@%CGE/2(I1H(V)Y]9M?>ZCY>"^>K<^]PJ_67NFA ED%.N, MQU7A/!=VLX5J79^YB+]3]L8R0V M$-'*--PL/?<:G? &
(4BMU_/_@B*5L2(E<[4KU>TAZXWZ4+9[;W"[K/Z/V1(W M'6O2R)Q$K)DKS>DPDYR.S5C NZ2\,]%F;-URNBIN!S^?(3SD]_GV(%]Q'F?'M"%O9]//%[SM83QN_/,F M5N-^@AJ9B[K
\GR!EV?SBJP7TUSGKYY_<7D0I7KX9%,/HOHRFS#C;4JU.$JR MR".SLO6)O2UMAQJ2ZT*^0K1),5HE"H@B,YV\L4;VT0//PL?DB?G6Y M=
[6KFR+)@S#9@PY(D%J]#G!H(&I+:/#>H6C?]_@1H@XOW+UG@8W)OQR2YY9! M0%;JN*KJ_"<+&),53$M68NODR2[T#6N9VN+G;CWOD?34:_CTU]DL?QM/B-V\
M:L7RACYS^GD<)_ABL<"]JLT>_<@F5FLWPAL9KXM%"1FWU[L"R"40@U7!%.1@ M6*YCYZP&5UR&3.>;MO0CT]QWVHG 0XW:5HM=VRZU-;OD'@K] +[8;A<,:MN-
AZ[:1.Z+>>C5S*^X^X'(\7[<"B9/QYW5-_QX&[H$/ M:V+:MB6VD5&[=[FK[E\Q(L_&@2^&@PJ$N)@4!TF>.D_>J)A;&[)'B3K4>-V[
MP,9$:>%)*]ICT9GZKK%$<$*X.B,B%1V*]Z5US[A=Z!O6<+7%S_]/WKLNMW7L MZJ)/A+7[?OEI._%:/N7$/G8R9YU?*O1-YEHRZ4U23KR??J-)2J(IDAHD>V@, MY53-S-BQ/!H-?
(T&T+CL*JO>Y#1>W_%3OKZ]J?#]\1LNJV(*S-U]QN-$E./ MDM8L+_5NE?6M1!?5^PF&R$BDPN%,R]V MYQ4TR,X\C<:+/_%0;==6)T 8I MJH<6NL=5]$D[BQIB";D.(V(0-
&;@&+4HH1#6J=2[7,+WD^^4Z,_I[? M3>F+MW>%(?^5T_5D>OVPX#YPB^P(U2&!\;F 8I:.#5,)K';992FU]JW?&2^A M=[A$UJ9HV=5"SR;"L?IZ;W$R7W<:.%T=/?S=)OKG "F-
S*3[KS](;(+FX]&?D8/9'TSLC%+.A7-%<@Q>H;5'ZTPL:L^FDE@O-KC8YXNZ!-W MCU(?9\2V^]C59J[&.7JEVW?;I .\SB=S(N#/QV6W&O/1Y:5,K: $34@RE@&ER3=
MR1A0%6Z%:3X5^%Q:!TXKZ!E[CV)%SR'1L7IH!T:!G:X6C\T4NSQS^VDBFR5O
M[UMJ]]]']$[Q!*O!8$HF#YXN6]!&JIK38H5K/L#A*$471YGNT&'8FH_V$7^L8A@/9T"3>:"8"L!E,)9AXLXYB*G: MZJP@!)X]77Q9!<3:Y[*UT?4S!1>G?
J^^]J&\SXM%WEL:I:U7Q10)1=/EJIBK M38P-'9&@91"(Q?G6AM.31 V<$GX^!AXE?C=E_PAZ+*PWLFD4.KU>[V_+MU5* M^>
D)&%)R3E=^Q&J#"SQ$IU3P?/6S8..4S1L#]ZF2&K&^-' :-U!,^_N10L? M>/ 6)$MU!".="Q^8A2A-IHLZA>A:IT\>HV?8$07-(=2 Z6/UME8.9NV&/EG> M]_F;K7K[Y>F9O9F?
_&03@^8TPAN9.D?6VQ,.U5Q9F72I;[213&>1@3[IP&@N M@G,",V_MB9Q$8(MI!D\N]G!<5!%8YX1 5K4BPI'F=3G78YEU=!CH+(8AV#$2 M$ZH_;.T;?
M"3W,;KA;V*\?;K[V_U\;9*Q]9CME2BAUIY:(8 .(NV.&0/%.&9R8%RXUKE,3]$T7+[2 MV_H MA#$D12!/M=ZKSM/"ZLFF2#Z.+85'V[QSTM-D#1S6;H&-Q]/JV@ICU%[A[_F< M?@3W?
[6=E_>(D%8S7')9 8J5'N[(>G2P"/*O+(M17*L==./;I1=JEHVI='URW=/S9L5]N':IFQ9G982--;J!*\!7=1@74+I5%+M MFYR?1.# ,W#:8VE7^?0GKK&JH?L.N^MMGJ>0]GRD4?
+E<>*:Y6#^M,Q#DV'O MI4ODD)MHZS5F6"T6"B"2DEX'LJ>;]P$Y0,KEN9?KS]Y#>V>=?>@.0FE)+@)D M7UL@DEU/CH/E]678>9$"NM37[D\@<^A,SS/ZZS!5[ZHMMTI1.
(;N54W9\S7L8BFRXS(Q,9%\32Z)-X+E1$-'3 MQ16YY+GY,+UNI%TGNYO441QBA;!&>U/YH$A0+!9U[[NGOTT@:M>.O<
MK:ZT#>R\]8"A1_&C/J0T5OUUP;C2U;_/:;A]^9I#3VK=M_51S6O5)%UU+:2H+62:18'/A0NTYF82%$),]' M*J9X[3F96]N&Q^CY)\QF/05GC^/TC60U@AR_]\?82NHC#96%M
DWE23PZ'X##3_XE 9HD(R>8>;,=S MZ1TV(VQXI#Z;K$> ZSKMF780;NXLJ*T6-XQIC;(!D7ZGG%B(8L:C-+9!,YY MT:US@ Y3TPF3ZI^+R49R&@'BWDV_TTFJG'EL8' IM'!
OQ!ULJ@%-"5"9B:& M&$IDI?73Z$%B.N%-_W/QUD9* *MIKN\QL5D\:$\.(MO9_-/Q*9-,[%,KF58 M3-($YY/'QTI;PUAA G+2IG:?9N!\)FVNM'+!&O1I)^:U-S?J$AHZ@=#\|T#X MK+
(;@4H\V*R_H=I3K_A?_FO^%DNLRKY/:'UD\;HR,IK:T,&2S6.>[6DVM6 M+-(]H%U.#,D[:UX\?R'-G;!M_WG8'D3F(\#XD5[5N[_?;-"'E% +!2FJ7'.9 M-?A$9UIH+V,RF?
C=NO'5R41V0K'[YZ*X7ZD.;#YL[I[%@^W]QQRG"Z*##N_U M'+_N7CM**A^L\"!+;0HJUMOGF5_OMV;8V_N<';1=[=E#1DTDAI@>M8W]:4)\8I#J(&97G$$(7M M_+S."W:+D[-
)N3Z$[J$BCX%1O8#&<*@,%<#V-6-!\:,%(HAZW[;7DQ/-VS^ M Q]X!A/J:(!<9O-#G:!W]Q>$DS;90&>4K6;P$&^)Y^"9*BYPXK(#;3=U^X& MT'_@N\ZS"&L4]_>F+>(B6;F#[!\[_B-
!'2P-_UFSX M5S>K'UMQ[5><3\FC>71>"M?T0'(9%Z#E*%B$HELYMON!=@W5?L MAK-_Z!-$3X(9:WG*X]*+/U9I:6=4G1S\5*M63!T(;35[]]%B#]WEI68I1[*U MN8R@BHI0I^A
R4DH%5QTK'7QW&%J>IIS^CU/;^DOQ-GU=%*_=C8D#GZJT=33 M+H0V&WZZ6NPMJ:O:MZUR_]^3Y9;PUR2I@T"F"1A9I0)R 40]:- M4QYM43GKUI4)'4EKT!X>KZ_G^7JC%C?
+KGB^=0>[S%FI^I#1S:L*2G!T*(A MRFR*XURTKJSL1-C0 T_;HV=/S_?&\AG81KKGSN.L@)_WI)++!4,!(5--8LUT M!PM/=E_()>I,ZIG'#A92U_6&K?WI$TJ]<7T$(.0 MM;.@7*R#[21!
F/6ABNOC.IP<3RUSL6="..7G&YO\H=RD('WV,;BI7'20TY, M@Q(M"]-/(&^X9JE-L?"H.V%/ AK!M?DIIYR_UBW]/IO& MJLYG-S>K+FOK#>ZH5BS%*&XT>,;
(O(RU,S_7"!@%#T9%%+QU<>QI% YCO/6. MP![%-+ 7L&EX]75EC+Y:+N>3<+M<[6;6::LIFQ"U-V!81%!TN=-6>:2M%A4,

*M>4(AI0XZ_D(RAK'(>H/=POHR%42)3I/AFZ6LLN#}EF+#U-AW2O>^A?"6&W]^P>(/%\-]3O;QC_PH2:V M?1ZAY8QN5BT!IAQJK9>K5-?8P#R]QQQC1BOTK:V/0|2TL_EW5ZBU MM/'5-/TRN;E=YK2#=QYT$JN>_]$ZU8HN]>!KAQ^T29"[*XMMWH#]/%*'C<@V MP=!A/Z_H8U62:WOV\GRQ_FJ:?NOMU%(!PEJ896"SP QT>9F'#DSED)2D<) MR(N!$(TT6FO#L'5AS<\47&+A/"#W\Y(0^.;$0L.]#X]KL;M=[,)SE(@/0=@FD MB9/EEJ4%%]#X8.H(["IQIE/6"%A9G"_L;0NF-R:/(&ZPL[??/]D]B$R0-^XS3 %)IL'IH]. 55_Z<3I:[M=GS)PP>:.U?]I.LT; -4Z9-4F)Z>B%AEW)ZWLSPX^M,"P3R:-%$-%PO[%MO939?_1'G7U_/YO/97]6\;MO<./RN-MV_NY:JO'WX4>0&?U&JR-&3!5P;10 M %F68%A)"LG>U*ZU57*$G'[&O,^FUW6Y7W)8G@V(/1]I,_[}">):C8*G99:, M9=[K*RSERTF\,)FL(QG8;"(LMO5XF(\=*6M MG0ERS^RM:".*8)%VZU*L;ITI@,9X<,9*R6TV6; <.#1RC9^"A\7V@Y;!9NJ+3332260W4D\'UWP8#A=E(1,G0L* 9*0;#5@8 D-E4\A> M1- ZW?I)HGKK!/=P#AB6E#C6AHNKQLG!00B"04G:)"]2B;'U0-.G]16.;7% M2N=.;>?)9&!_;5O'TOIQLNIU//IIGI]JF<7:V?S/9:W#VNRWOB-C>8U_94/ M\\)=U1STQ%9%QCD!+I:"5$.\"8 ;-N1CH?\QWZ7W5$WG#>NIX',L MTASK9;MJ.]G=LBZ[#/I"<$QZKC-MV09 .;"O^&RKG5! MX=7^+S6]N^I 9K.RJ[NUUGU'Z,[=*BU_F!KVX+&2N29R2L718D[41TJB> ^!ZVM,7 K?J*E+3G3H"-SM>&[0E0H 8I+1G 3NNR MFW+9" CVT39T[=; "+Q87*/Q=]\/^->[7!A_V-J[K[^(8[N)-9&<'3>_;CFRU(ODX6ZQ:$;S%R?Q?>'-[A7]KT-F<6.TXZ6NJ7X%@-M'8/()1H;E&WOPG#E6TTQ=>REZKD%/0* ![E,.-6%H-8QWU3K@=KD:U7/[M=3V;Y\/R2YZ_F7TE^K[4+DR5.>NVES['&5D6/M8TM> Y[5K774L&0I,(? XN M\M9/&6TH'ZXDK%=4#R#6L=[:#V?TW&MZ]PM-[N6C9#4*H-ROL35A_2$Y2*:. M#[OOPM1I><4(66NE)%_UE%'2MTX,.D9/NPO[?15)0!OZPYRZ<.4CLCMO*;@ MKN:3[7!8 P>OB7LE=:IZ0!G8G &_^2CB5GNR/C&E[7#38P;+"E&>X.7];/ M+>017-4UD^9SW<_ZFOB.DYNZG[>S^6=\U* E.IV+%A9\KIK;DK^%03MP12IR M^.E_]:6]>0!PX9B>L-G;R(:.?RV/'Z=_G_X)(S^-O- #$BGR"MD1EYO\J>^&%$461M'5YLEK6O7(0@"X=DF&>N-ML!";]_PX0DY#'4> ^T6R:5S-N[A?\]>]OY"SEUWF:RV0WPNEE(2\)R?%7=428 MQ=K-P'+ (R;'2@2FE>M1HIY/(K('8"E%'U%>0\&O.5=?QK*3DNMUSXO]?3E>-L M&LD@W12>]P!F'_&.U/-M;]."YY_3^;]E]/I9;75S52P^S6YNR(O[^~>[!1M$\$9HFR"&>A"#RA"0*>"]*MU(;@*"_ O7F-W-K7#= 9Z/I#V*KTQX/3VZU>\<__A0:'/KSJDCS$RV\V6[MVA.[\0[IH2OMRF*.W<[K0KDUNN_,K;^QG5Y"/*D+*5W'C*O M,P9ES=N^9 XR9TAEJ<"3;WW SR"SJ=DXF>;T6:.6P&QE,ZV%47;4=&PJNQ%"O7W M9"%ER?.RWM?>'43[JG\8&AL!E62UT;K64C9&XY*AH5:CZ)_E.=PL1Q&B:9? M9E!Q,KUR3/F8#0>)I?:&4[(,D;4@7 HPGO8>9I;WA:TS]*O[E4@KI4.F.'V^8$;45'1'VZ:76XI?QE+-M"+C+9?M;67K#%!I(N! M< K.5I#*ZC(;&;G5-Q+U=E%@$2BQEEZZ#;$7*& M#? T.9FR=+9'Q@FMS4DIT)O!H(11+;D]. 4+(!K@(5BJ67<[V>>.U/LUU@=B[MP>D.&8P.4&[OIVDRO=YBE-;;V5P.H N>E&_@@()^6UL]&D&J7=CVI[:,I=+.<_5CPR!97U MT8"H<4'E)1W%$#DD94*)WDG1?/3T<8HZP7_%(MCH(@+&32W')3R&I"Y.B,D9)\E%B|[1MG/%(UAX$\V3\!PL$,4)8549[SXOE MNE?C? Z]3VE<\8THJ'@'T!B/9G:9J9>XY,!XP2B>54ZV=Q\[$=0*;^V>]M,NE M-4(8[MG6YGPQ4[)B=9B!6 W82PZ"E)8R8EK&6-V?A&V6=P,=? O@!L04YC0M^F[\6J%/OQ_C8>4E)))$X,8SG3T0IFQ:H, M*4G+Q+8R"X M.4SDNQ6#14/P=(Z42XF.+7EQ(B94CNELR MSL?C6BB-$9CG9)<:(\!%)FII!+/>H1.NTP5'7]T"#?WN 3 _+=@-&"\XC_]\ M]HX!$YMH2K"QSH1(((JH-<>6R-,,@_1,Y*)XXK;3,NF"BB&C61<(;U?<9W!N M!++?*XU/P< C>TY^\6^;OBRO27B@BLV!9;3RHZNC5N)KNZC$6B8XW3^7J1%@W MT/P#$NG;BVD$V'M@WTN;ETWER8=R_U*_VR$F^ZRC%'13]UCÍP0 -BB0D&N-P0-)L' Y]+00V MP]R====#,'U_MG_I?OU(%91OHC732DDKCU-6]W6NKCT[#? !DU2/I:7ID$;J,\M^#&B_Y_LJ MAG] ;6V?[+\L1/K<#;GHN@D2U:SJZ/V$#RS9&U%X877SK+^ .?)M=?EK/RYR*O$|KPV+1;M-;]'!A([E5M M">; U:ZM4^F*V=FS^QNKUGV MB8Y!]HK.0DD.T"I=RTL-.=C96Z,Y:!\G:Q. MHM4!ZV]FT^6$[/MIG%Q@?';\%BL 0'9TEKL![20ZC+]X*8RPYCETX\T2U^5#FLJ]X>T[3KTYV/B6#7B MJQAOO]ZNFG0\3M" [3\IR5V_7(3G7C6-BY4BO7"K,O.IA6ELW*4AH=3,SY "HZ!JBT07)8(P@OAG*BNXS'JB1?WRXFT[Q8-I.7I4;.. M!9,.T8Y/2K*)6CR-\%9YO>O%N5OLWF[M>]A*22YN@(6O!:\^!]?60T@"7E M^M"H>&@=WSQ$2\.D#7$^_"?0APK(;7NRDM MD!=W96N7:*^#GV]BQ[H1VDBC[2QV#[(437*8,]G6%62.#'I/;2 ^%$$VOLLA MMNY0P(6IZTXK*YI M(??]+9^;XLVD_*B.=8RK2OVSM5^GSS91?J=OX$+=5U^([A=]M6_1>U"]HI4(A;_1 M.0?%6(@D4.4,8>@A,BZQ8->- VHN>==\,""UWHX*]L=]W*1=!*@OL6!"L[# M5]Z'SMQX&OO3&)N?X()%Y X7,_L'G"T_9#Y7&(;]W+[O;[4YEGYL/,9]/Z M:OSY]NM7G(/^8E<^3Z^FD3'),EQM&$$L^SFXF]3GY=YS7O_(;YH%G*$#6Z[> M1%7VQHY6,:GY-4XG_V=%VANBCM9.=Z#]N+7K#^7MA-1!G.!<?&Y+BVY/RR< M^9@2BX"8R,_O3!:38K&^;16,TCK1?-10$\(O\8Y?XV*R6+W%W?&UE3?U9NZ9)(+AJ@MMNX_U9;T'C03.I#S M@U(>4[-/@V%[M6&0<+&X9@UX-W#Z]O09S>W7,,$/Y3= <+#!^N5WDY?*N0-CH MS+1!\8)K % "T%, 0*3C\.@+49VN%2.+C*<[,^7V:P//HZ@YG3!LG1_8;& MFW7->,Y+,NEI?I319>>+.,9/7/=@WWV8+0/G(/+?>SVVX(^<7.,2*76GUDE<-[F MM&61D.6$S+.I(/HG0(EN(-0/ 79H,5IL'2Y\GIT-4SS4XVTV8F",X+B< MM,&M7@[2(O,"_Q3,<:16\RFQTCI%_DQ2AW[Z&A_]=B=./0,$ M!C81?KK7[G(+-]L0G)2*E@:BK35")M+]JZ36"3#RK5//DK>A@(\Q98E@$/HMX M9^UY/]",Q]_3>D[7R;?UN=+>)ZR#6!%];9S"H BUL'NG(RKS)6+G=["GH@0 M_[3H,%6:/=[$E[%U+'C80)FQY#&H) !E.ES6G>V8.S10F",V.ATZ#$KH@8 M4I5<*+AIXC^#BP/?(<_^_CYS8?_FM4U+&+]4ZN 95F*+5RD +$Q E9P$ER MOI @*[7;E=A1.IH:=L.:+N5XWJ3X@@@6@?QD!&5 M9JMYWIO'MRA1V*(3!$DFM4HE 'HZZCDD;B//++G6W>OVT3'P,+?^Q#YK+(,1 MX.B!.9^7.$TX3XL_OR5RSDG2G/'[316IN76@$Z_=3#5M2DM?IXDJ@[XD9EO[MSIT(&Q9IE\M_5V,U%)8($';N!?#@"KJ8'4^D_[6J\5*K-3@F)$1M7!T57QSC M([$4WX]C+M9PE^[S2GL$\#YX9G^M[NEB$NK>%LLK;YGF&2-('4O-D.00HHQ@ MM9*& <5L/]7.IT]))>YGVX9F Z;IQ+Y#>"$!YA&\'=[RZQW*Z"MLH<*)V9858GWSQN>0&Y+U//M@'OY7TKSL,-\7BBTSY'WN,/Z-S\V9[9M5/^)SS8,ZI^R M@08#$'86/>C[WT5%6<@F)EV[=Y'}]T)TX(]H\Z28=RB%8[9+]fZ"PA^]XN1B^+Y3Q)ESCW*3(8 8Z.A589 M,YM-,5%\)R)B K$-)OA"G^T!+!0DU^4DLHL+6Q>^=="!MAG/LD^9\0YSY/&"-' MV$/P7@?IA,$:..,'4 M9E,6#2?-+D$$9D#%1,?&8(&@9>8%F6'R.1%V3]BPX8QG1=AYPAAZ^'DW>_4A MOL-809V\@4BF^ZBD5Y7#$GA63#@L7O%.]\/7'>X]K;+?K>Q3!E);;SXL*= MC %C':>=+7,]0^C[FY[>TE^(L^O]G]>M@U;X'3[;Z+'K-.(;E:]LEGU+]+Y;'?_OR?++75N- AY%B#%HYU$OV?/I8<-P?4CZI^%K%_+RY6B57R8+O+Z>UR)D^MVL;'ZB M8YY8HF>-,XI&VNK?[:(>!@=8[/EQ1=@60=0PFI KA LSSF%1$WVK;/&#U/3 MH)_N%FL_W+%VDS$;O,)&:_#2U%07R\ 9G\ $\[7(M0%FZ_J_8_2,0D]=BH@] MW6S;"&#@?I._X7_/YO==KU:/P80&$_K^(9P/+^]TT$1/F#[3SR'F4F"&%DFNZO@)4 MR4(,- FCKB0O2=I#W!G>'B:OU(^^+>#:PO#^4LOBQ6..O=_&EBXW;CV86C^]M3!2 2020)2H=%2L8=3G>.Y\=IM%/-]^A&-#X$S+R+.)_W.DD+9DT2H!1W%>' M2-ZZX00,71;(6%; <=Q#TUB>'Z6C7CY#/Y=3 O[W%_K6 I_RAO0LA,E"%&Y86D+)27;1<@[GQVF=5P_@KZ$8T,W\;T--Y/XZG;Y9=5R["ZS M*'K/9;;DLPI>>R=*0$ZI[%HY;I6V+'7)C=G[\6%:M_4C^,NY- [##_G$^2[=Q M^6%^%SVO]FWS!G+(DCG#:BB+2!+'J065EE1T.A.CZM/^.K[UAXVC[.7B,[% M+!X'1%8#K]<[N)N;Q&R=KV$X<01K(^ 2(=1P;';1D)X5NJ3;X>0Q fT%_A%/!M;5'=B\#;$ M CE810JOC3CSQACS7K)*.5HJ42=0=YCR>]FU[>%_L9%&=&*33*#.$%#(H29=< < M";. 88P;+D7EQ$N*ZK27]B4<&U\41VC.?75?8=*B6;M9T![G;-\AZ#'78FA-= M!#V*J$Y[(9_+J1%DW#Z,^]V,/_V8Y"+-L(5 MFZ5KW3GI*$'#5EPU]P7,"V$,B%K3OCE2-GL7"I/@DP]@@I6D[(@%BR9A#C)) MUK]VX"<'ALT':2C8765G(? ([S\.LP:WRG[B@DT064+A=G:/[B+;]8/\PLTHH2%G7.YF3Z625)NLX<<-TTL2R#F@X]/UAHXMM8-"$=R.X.=[.YM[F M\UH!.DT?EE_R_"YX[F/FQ5O(4?GU $2GF0#N(_&%ELN+Y/[OSZ,8]I6633@ MV^'!QIO;KV&"C_;@LHDBFYDD$,K=KF4@&IW-E#G(;@H]$2*=@X_]O#^.QMI5^ M$!Z-X*JX- ZPW&YE>OXK+R:?)F(3)L8%%L^Z.,7'5QF%3]QO{FHI,GB.L'1HDD]^KBLG'>R%#_N/LKS$_M)=[,ON?Y7=2I5!@ ZI/] M0T-K=4AV(DJ;,4C)C6-6 1T4!RK5)N3D)X!W3)4Z&5ZK+GD;1Y88A6/=E^:Y MG*E#8V.#^_T;4||[*93+ M&3L"&_F 3_'^OI%,B2Y;?Q^[G>9U,+$ %PG[VFCC0TK,J]9-CI^B;5B?OC[*MZA= B??]R'2LH? 4TZOTU$;J MQ.WUWTD*DXA62 ^L" 05)*DBDQ&L\%)K4V12G0IE!NTDM7!1.LC9UY.;&X([MW>V?2)#$[_G*1&Y94+XF/ E0@AGP/C]P26!A6H>BS1.8.G')T?:-.D7^/SW@ M] <3NH=]T#/KSVEXM+&8>$PV9PBB9LRK.M_**0ED(#+2]UEETZ7*X'1%A56= MGA5)E[+\Y=QZKVYN9G_A-8RF[\A*B?+]H/JC;2\YY:HZ<;]ZZ7-1A2>+_> MVY_7N\=I5,+$E"486;NJK7+@BPK $]>)?+N4?9=$QI?6N?BE-W)Z?8F?RAO M\U-;9V7YW9V.0XNO(S9&81.&/(O.1 ,5C0145H.D2]/&<+$/8;6%T^1OPV=0. MU_,_*5(>/0D_C_A&X" (>SRV/T2B=K0?DY $T@V!]-0M&;@/"IP.00(I:]++V7#B6C_Y+]-* M;KEMBL[^DJHY3 MA'=*5<]& M<&\NWICQO?("^AJN,,M+3D]-!QH$/Y MZ71E8DZB=D4NU0SC8=TD(4GD'IWD1G5K)^)\;Q)S57:]]#IT#7TS#N$&]"_1E@?9*BN29 MXY;85YL!!FN!3GP YA)#F4DU=VM\WP]6AS6A^\?*^> \27 CP.3'^>S[9$& MHWVG^"T?<,%O6VPV5+D-J28#?C@7!T+J(&<" 3O/<-LA']?>-<9B!/*&59// MCL'6@AH!]D[@X,_GDV6N?9+(L_$J&>:|>:3S)>F0>:\32#IE(HI5;Y[A%,,] MG)\G2X^C5L0\M?\Z*7F4L:;^Z>>8&67==]] M8O[:,>W8)1Y=UIH G^]P&313G(BN)A(E[\0M>40=R!LDD481PK\&*86 M.?[']>S[_Z)/K^%$OWA T9X%Q_*XW%"@LS; <'1@:ZHW<4T,,B5C$8+S"'"]C M!V!<@,0+YN Y-^I8P/I5&RO-@PD+A,7K'OAF[/EODO@LOWM]"%XRSM$"-MM[4-JC<,D I/M)\DA'72Q"EH3N"4Z^]Y\MEUH9)P_?\GN 4W\S)>I[/,"W^_M/9FFS3:T!<]@T,@U]N-MI[/%Z_DD7>=W=_W-BV:>$0^"T+'>=A9"5A8RE]XSJ;+371([G]YF !&,Y%?MR*K!G^6GB]G-)-5HVR$C=[,K9S"98$UE$&DQC01? SQDDI46R1M>7[4X/]5U7 M'*;$OQDP>F+MP!.B/OPUI>]\F7Q;F< Z;8$Q<8BANC_$G(IT#U95%@V]@G+'-M!#QK*M1/BX[EI;V]3W@9?]<"C,VQ"+UV!@$%W@"9KE023+I;(LA M\#O+#C;$8-2W M$ \PDIHC@#D@=5I/62Z4@<3FFM$[U/4#*P*C^/5I%+64P4BC57\YSWAPQ'Y H M3PQ"+4M6+DF@_T"C783M'7"\-8/5I'}Z>-Q#1/1=X#3^7(8 [#PIB8!?/Z2 M_)[_>D[+GO5G4(% 2EW16$(K-M9$?9UP%FYI/F3A$R\#9Z,^AI5I(8:1H MVIP+.G$Z,EU?AE5-V/,1/.<:N$F,"7ZA[7N\'8FH$54Q-I=X#0&:P? 8A6 M;9YO;N>5E>_IP$UNMJ.^!I.5BG1V+$R 8KKRJ,Z$+-<&7XH-0L?4,OJ,$C0]* MYTA|UI<(1H"GO6K|Q_OJQ#HI&?/6&]+4,H%209%S4K/KN"PI.\[2;O'EQ8AZ M@]2\1ZI\PX774B8#>_+UR7+5/(PC>:I?;]Z-5F#M8#M(]S.3"D@"0\U7D MR64A&0C/0DVJI%.3F 27N"_-<INE[C.%$L-JZ";"GKV#%P?.BZ$7_.XWPQ M#7[#2*RZ0B\R%Z'V1"^>M"TZ(CX;X$&(.AV;]5W';G]H.:/?#P[X{](6+R_@W ML/_XH^*X#]FG_(T_U79LS528;(RU_R]WPS^U9#83F0,1@87>>>UJ<.}]"7K M*)8[*9S4/N34 17=5QPV5-077'KB^-!SZOWCXXK35^3GA2@YI8K<1E RU8P 8_^FV%$/^0"@^TZVM.R.8:(^"634%4S-&RT=(*43F-Q+!%,+WH\ 0AOO8/" M;//(MW()%N^FWXE?/PV^NF+%,A,"AX)U:B):VA0:#EG+FJZ<%4^=#/[&B;3E=P^ MSBR'JY29HP\90N2K 10P1ERBPS2,YDC_O*H?>N&$"<1V V, M+RI WK^@1H3"K:V\F9&+5#8'+ZTY^<<(.++_.?,%.WCJFC+LG<2 M9*RM TVF+9A@(),/KE11D7]3,;7]T>>]8>;%Q>E;,',$.NOC?$9{38O[(9__M>]&IAB)\$9"5{O=(: O.605<&"M4\BRFTM\.T1-52]](A^#Z(8 ;!6"3NO M8IS?TM(//"3N;%\ZR-G^?3>/Z-U@5,6*%)N])MW_H"_M/(&\;1[48\&?0M!/C[E%/.7ROCZA[[<9K=T,]>W!.1;O7ECW5:&<[G/ZIK M_K7.V;H*-J$/#(''7^5FK;MR.TY'C+GKG@A.!MQ_@>2:QW;#Y(E\:GD> (T#J MMMY_<-,O'EH^?R%)?)G=D"075RG98'2)$'D]@_37 &L#0N"-9=]$.H>^Q^OX M.'7=L/@BGR}Z$M%+.U)XEXA5U7]+6EX5G,;C2A=O^*WYN-/,^ MS,) 6HYK\GZE!,(T'[3;ZZ2L+YUI_+C%/5];,_^L=6^.YWU$X&7)B"C(+1 MB=. (GIOQ$,&&Y#!E+I[/ZCV5RF%S7ANBZ-1K^D*!C:QQ8H@A(:$!?.3DW:.1 M4))\:\E!D%EJ3BJ:$;RJL,:)?N1 D8$.5% -E>;3P[%$\2UZ$>BJ?P;F0|%+FQSB5%M 9N0=5;7L\)^\)D M9,$$Y7>[I+R@'HHGR>5(#\53F#1X=NKA-H"DWD3]A\17T_=%<:3BM 1>7^R# M0\U$EW#Y^'LHGBOW5LP;@6_^U WXX%Y:QV-1M)U<'(';!JR#0$@-BI@5X*(MW3]IW%0]R=5[_7V:O=,5D2 (AL!%G=3;Z^<$E'4$1YOQ027)B734'+P]=*9$ M*5Y ?LN#>.V3\[4J1,ISR?Q_06'>/)RG33Y:KE^BJH_OIP-$/DYAY#G^@=M5*1&<:(-%:L ^&*;F#\.$3-9Q)O9XG:.^-37!\R12*KG.M*P^'JXVQ4(&.D<7 MF$C.A-9%%2WHOLS0VY7>[L+K&XE8H(+ 1":+E>36T&6$SAC0P2KTL2J3+C6O M*9<;5JT^.Y9^- A[,"V1D020B.!KRD2%J6\NRF ,':2?HO*X]FIC6QYZ[7T@0 MJ3=A'HD:G<+9,46-M(TB2BY!ZD+F"0\M0 MU.@4WHTL.J2RX4$GLAR#6'6/9&1#1DNO(>0%)F M2LR"1?"E&DH&)3BDNX]OQ@N92=K[+I-W3EAR&ST;0KTR?<1\'!NG2@ZO.MXU$ CPH=8T&& M#F"U-YT6B<70'L/WOKVT>Q8F71'6RL%6=.:,O\W>J42964BZZRXU\RIK# MQGIZ1LQ/@W3Z$L3(PCN11Q:2I#O"NP@U40]PSD48IP+K&2V6T]U4L,[_4GT M2(SG%/:.*<:#R17),R._*:O:OW+DPW!=G2/R;ZW@:"Z;N3O.&,])XCHX7?4$ MWHTLQN.\0^N$!"UUG0E$QIVO$Y"49U\)8+#ZGV.%&&6>,YR2Y'(GQG.*DP?WI M(V&*H$KVFH'@PH*2SD)@=$<;SJ2WS*+>S0YIH3&>=<^?>BGDO9IHB,SQ)82S0 M/PD4E@=@N>-%JY5(IM)=#(HVTY;?(>)IVD F(OZ=C>W8IX5)TU8.I1BF2WQVA"KI@VD@#,.^V I M!M*#]7X6A7;@,4N?=&)=_*#]7Q^FI?O$H+2!+V?IR7X^<]> [7=B))9_H>B4C5_X7E1!=HB@^SA_3:X7A"K0I)' &2\ 92F$8XT8=,I\=Z[9 MWE/\U#]7Z) ^MP5!WS'OU$_/6_H(7J=3>6V'4HX/CL#[G9@GDD :GF&:\V X[MZ;:: <"9Q4XENZZ,>V#SPE/OM,,,]F[:A;[S]C21X'A&4SXET;. $!14+]N@< M.U;_VW7<_;'UAP-/'S*>-6;X"$&S"?7<5K]QW#*&]$D%A]LUE; 1$9$5&;97K MU.;X#-@,^>#33K)/0.4,- H\@<6M_2Z*/\]E7G/]8=Z"/$_KE)]!Ī:HAC$P$-[)D=4.((/ODF6.CHA M:"\EY-JGP4% &4$[:Q,RQNRNQMIOW3VQSG !GQXOM.8,'H&N^CBOP0<"_PVN M.C_6&-:WF@[T>UY>L> (2BRX#MY[.F.,2@N5UN!BS.2!/,K5NB7B,G@%-[*92 M^]QEKHT(1@"G-9^(GR7XW8?RA&66RUK8EQ^R]@] M=*%KF"&5D2V6HID!#! [.YGB-.,W&>F#&X;]N,N3_'4V7PF=E7X=54%". UA:#KD+1PGC!@47EB(#P.GD MP&KF0ZJE9JFU?;RU_# C1)_SDCN)P>=CHS[;IO=T^BO.IY/H]>)CG[_J1T+_SV? _S3ZY">;/"V>1GBC4KC=1>\?P1@YS,EI#\XX4A/",:]M-9X MS;UJ/6SD$"V7!/AVOWG7.,\KYXV%7.ONE3494-.."9KG%++-1:DG,''PX\,6 MJC61YW8 fW(&CN 2^4P"6%E;ZY2S-],OWV;3>B&N7F"T@<<>>RX7U*P5UX86^8XB?3#527,2.9FI=%V(;AJ MW*(1+,O:9J'=S^>8'N^:?TEI=WFTX^ (-+HT5]8MWB\5M3]LAOG<{(1,LZ!!X M!,,"%47FZSR1[''%+@88'HV@SK>X.V.0\2,Q^8X4]"[=D<3KH\U/7B79P_9L;M_\AH7DXC3],ODID]);.<#G[QD+5[R91OOVX>,(;?D?0%L,^D^I@R@9AFL='0/ M^NA)^8W? E+/[/I@'*BO%7U@N3M*T%ZHY.60TB M^5)3VYQ)!34&P5I/Q#V1Q)'ZZ.=@YG@GK,9"&L%-NCK*D^_Y /M\O%PDA8NM:\Q=I0O'< M@&.UAZBI2E^S'''G$.GM*B_;M$%KB<)B$DEX1V^ SD8?41)F,9KYKL)9$9S MGE;,^KF7Y]UU+D$RD-\YR/9^%]PD5]=$S-/[,XMWYD'KJ,0Y K7:B1?']GX5;73<2 W" MU_X[D2.X$LC 051:,V11MYYX=C'1P^3&]*I^GU>0+P6YM7*>6$T_=?.C!LOJ M?UW_W!5ZJ5C(&8(R2-NM39:M(]YKGBTW-I38.BOP0I*2=_9'K6-A/A2,'L7 MWLMID];V:CY'VO[ZE/]D43(,Q&/IR6PO"$%H_3Y8[@,=58RM,PTO[H3P6S6UOO0Y1P?@>[;W<1=0%9:ST,=BQ>5%379R_+RH$_'SIU%.@C8 MJ;?(!< Y)7S.7]9C3@NNCP \M=GD)$Z^8768'AZF?IDLUK<*=MI^I/4Z?WO M[59>WPTV\7;')C,4 \&G1>ZZU'1H4%M4HC*2V!.Z@&9'<#Y%,G]+"1^_,VT-]%EOFPG-%0\(4?M6@-4>KIR\F,$%;T)P7+5^ MXCU(S,!58"U$_31\SN#[^_"TJ6KRDM8R7H*.A=4G.K..VH5B8^32!),.5Y_N M(V1TP#E'R,>A(2/=_$2)%VUSW7%R\ MW%OLZ[ENM&8B&0&^]I=M2@Q8C+20@R- 7ID4##LF=]58&J5T1V;3NLOORJH/ M%?72GJN93N4#YPB>OFJ+W-87Z+]Q^":J1KYDI&# QB'=:C2B,%RNAP';5C-LPK M(9_RW(|\?@Q>UT5"F]7EX#A \/_<3C-)\&X#MAB;D6N0C&YK9;4 IYD&QI%(M9:,1V&60Q-Z/#UPHTP< +N#>.,3 ZO;Z=K'JMQ'Q\U),W@THS7 RN-5\[_M\=9&>%Y4? 3QF9)&+8,%Y5N=%$E>8#A)EEWEHA[%_<)5&4[71A(?CN#Q^GWU? MD4YR%)M-((N)U5H[+HJI ^&((8Y<,[3)%)/(03,GF)"/%QBXO*&/"^1+HX# M"O>6L+S;@I,QL- K\EA, 5'U8Q4P[2BY.P4(I?#=0W\F7D"? H+]Z@5YIB7,X M. X0_(8_[B'L:_=HK .:,"LW)/B4&.B<3%)U= UV&0O _^.L#]}SW(?IS^38. MJ7 .,WY9K!6,OW2"I LO$!)5H#U(1AHUGA%PAA(TLQ7*'[!]?^_]CX0^/W3B>*]_(N) P.! M]-F8.6]YIT:]V\<-GK0\P/%10P#O MWOV<3$4F!=RGFI9.YFO 8" IXUPVAJZW4T0 Y&O"95+0[HS6#2PWIHP\/U^ZTD:OO8]4(0K_W M3Z1O;G"Q^%!64U32.VCP9!K_=NA1LL3A.+F&-DJQ?MP(LZNB'PY'F6D;O6B5!'R\DV M_:$7!%W.]H&MWF]* <'5$<0?#]@:PT8T M&F&B*2-'HU+>[-V*U.]D8QB0RT:^@B'M&+A$D(@BI60\4[(7E;*7G&%-XUY4 MRN5L'P&"WN"WR\)O5A-07O}8\6EE[$F/&#!6Q]^K6K$-F>-9\<=5[2+1F$6=AF' 14N.1&0L2N^C"JU+ M+/=3,K!IW$+(AX%S+L='8=B\>C.;?YO-R??\:1A31LR)?$Q=@@$EM810Y_J(MZ 5/I>;J=DG-.++$:!!QMO0>F3:7LW($FN38%2NL$DGF&GFH5S:5]9>;- GTYRRU0U:KUH\ J9WLZ!BSO2-6C;*M1>D+ G(& PU MS9&C4S5HV[BIYGE8]T^;N]9,3N$SV4([*FW@JVYK#L2KZ^MQM0$=_1E0\FIV MV:6=H&(9MNJ;(RBGR3A H\>H',94O'J\-E=W21%[_*X$S)SOI@\TM189M&-MS%$SRY$;D$K1UE*)@%&0ZN>N!)<$A#M#Z+>P$\EY T>YEV.M;9"\C9L?^D3' M[IJE8HQ" 0Y7!D.D?GO%S> MK!XX7]W0TM-

5;ZW%&UQ\>;5\BY/YO_#FEBZ)X$71+@(K2=4X,*<3&32Y3.@B M9I6E:MWGLQWU+R -X3D5;7.!CP#J/SMGVW-HKTPR1L3;H*LP$+C1 MF"4=7\-;/T8?
IN8%!&_;0+&10$8'K5\FWR5(UFCKW)>(*MQOT2 MXRH[f.KNGPI<$C*G)=)#4N[V//U)4*)$R92T26)K0_U-Q+CELKT!K%QQ(9)Y M40I8T21VD59E>;RM8^,;0-'=
(*I7>98_02\4'M^$>26@8--VV.XPM=*8X! M_>M@T\>+JQ7_B3%VYK*PUL;;IC@E4)9'<+1WP*?@3>;>!6;,T>IVW(ES)_LB
MY''2Z.*8O:>'+Q=7_6.=MXN>/6.1+K$L%R=Y1P=K^J8!'(!%;2%Z$@QI*>, M,L:&W+A_SV267VOY=4?0V$0+FX6NGEZIBUH560Q@!5?1W@/O$H+S
MKE[C9VY$>UOPV-E.W#=h,Lf.)M&^CG'\NEC-UF'Y_=X5%+E>CG$Z)X37HJ8" M._#&8@UK-@RM9O9AQ,R0HWOO6!.W)KFN#X=]>XTX%[G_OJNW.H2,Y$#K,-
MIH<@^)PL(+CW3"O&0FH=5CET;A/W]>GK*N9P;4VLRW;VT1/W2ZDDIBR#8+%F M+I-NCCX5R#&78FE]G@VIVS9DK&%L>LW/%Z.@WITN^QB6'Y;,Q-;\V1-;6^!,
MVZ"TCP6BK!K&%E6KX)+/SI5D1F/)85Q-]MC,AC'\=\EHXFD.N>#KAVP'3N[-M74@RF;"2 IB.&90V'J*(#0Y2XBN-KIL'KS\V&2&L>P_X>&BC3PZ*7ARW:VO M1C2>9=H2*\-
MP^'4>,UOQLT0'1B/M2F MH|5US3_C',LLS<+%AW_-Z=-?9E_?S6D,7*UOGH//4P<34NH9GLT?V+N;!+,39!?V5C^%{C?<\,SPQQRRIV82TMBQY38 +}@H MSABN&
ZY*CATW&&D>\U7[*-+8^1+|EINX\G"OTRI]6:\7L|BU?JZB?HOLXNK M&G#^:RF8UA_*W.[98O#F?(F;SZS>%<+C&R[7F,]T\#;8VI_)>DDGOC/@37T] M=
<*&DGDVT0W@V9AS'$;5UWS7WI64_S/8OA77S:'P<[BH<7IGM2Z.5CH#EW0L MJ%#S;,G)$)T-.AM7DAE2N77420[C^VM_#>A'SE/; 'LR.CYAKKLXGV%)46@K M05A6DX@M
[=H&=20>M8R0^KS@YX4+_QC"ZO>8G<@*8H=W#!?W\=1677S?R MVH2ZBQ6>&O M^=6@E0PZH~%,F8Q[84N:28\'^6"U/ZPRU2AUBK!Q&_P/S{'MR:G5VO;/Y5A M='K-
3P@M9=$!I?:=YA^NUJMUF.?9_/PLN&2$0A82;MHAW"'!%25HDY@4UC/.M6]?5/S.E8<4?7O,#PQBRF;JYZY^_WS0DO0;H$];B9[2(-[_"[**Z*&6QW:. MG5DE598Y
=F/EA:6%;A(IJ1*.NM2#!=F2#K408,.H]5K?V<83P[=Z;+,(/%M MX,@OF"[H?,_*9E7H_3&D8Y5[S M\\48LFE&M?_W+S_@3JO]Y^:/-G]2_]4G+/]/_=^_??IW[_OSV6IQM4SX4UI<
M7G_^IH!.^H+YZ@(7U_73VW7EXKOT&5R3LE_=7\MJ=OGUXKFWU8,~Y>]13Q< MWLTH/S"IY8+PWVO2**133W3=-Q-X$U<;?B0H(1#L@@FBF
ME(P.6V>,W9_!R7&N-U#>U-;_]61]70-4DLM"ASH'G9VLK<$=^!@%&93:.,4- M^Z&W[NF1KH]/9]K*ER?(_8=0UD:0=W"^/=YKBA5G/:\%8]GF$=A%\$$:L%)K
MYFN'NM#:43RMJ]MX_;A:B7MP&[=#L.^ 1'MZ>UA%_V=R :5K#XX8,S@C$)@0 M.F(M/YR:-Z]X-6W<#A+O\VW<#L&Z [8\U4^,3+Z4,.V]Y%B7HB0X-%A3 71%PP&%
(N;HARU(YWTH+5/+G 6 M9'.!#6U<3N=0:?#W@V#]C=8XQ>C L5HU(^MZ0\$+2!<9PX \Q-9'UZF]
M+5ZRz=OI##H=]@X8M(O,W76&P)PR$1]"O;Q7CA81ZD$O'"O,""406W=\VSN1 M:?7.6 ;SZ9AW0)P!50/.F+*N;,B?8]F7I-4YK::B4AB|*A7#46|53|C%?PE5
M=*3PCRBE>8@DNB/?CR^,49]H"N>A\NT"*_!>T6_"&N%"MDKU=]^;O'Z^R(6 MTABD.DT"W1'}\6>=Y(6C_2 A>"2KST@%D6""C*3A'5H?U;B1=2<^P;U6@K61
M2'=$VU2>N+=M&G+>QE6&A2"' P7D*\.LCFIJ3H=2,"<$ tU(;XW#0G M?%](8MTD8/1ZN?!.2WB\NO.*_Y7)M+=0P\Z^@*)$SU_B ;<&1>03+9..>R MU"H?)O>!{
W0A^R/DM5_P)X#7(P-NIJ9B<#+5X%QI:C*?IV\B'8D0C)#6^U*X M9,=R8,HGI8,">XX.1R#9G?5XMXZB M[^<5]:F G[05CT!ZKS"QW+?;Y82G6.21]*OLO8G-3:"\UB@F,A)Y(;%03W/
MGQEFFIN/,7C1&M,.%,I.4^_5S?WU1M=:CB*P8*_K'RI%+ _^N!#!%:XW:!?*S M6U_P[Y]*% 0YWAYI"71??-EM I]3$,75_E]9.%":2? Z.]*,R=#!S)AVK9NT M[9_)Q'?
W+83\:&7SI_EW7$1GW2X_=]$OKI"Q1"!E3.K2&PZQ[*.MA-3 M2?KDAEBR3PS1#2..EMZB/93]*#9WMWJ)&U-<4&3>!PX*.1$+<&0%EBARE4!$/-MO')Y?]
S"Z_/;$XZ#"9DT*QXY]N)Q.AJ9P]GKQ<6:#%E:B!!-,C=^49',1 MS2%G%,FWSF<]H)CP:445FS^7-B=#&P [,#ENBH)MWY"W&>)O%ZOUZHR;0I/F M
H0D6JN2'"TE.C*@197!^Y)T\RBA)^8S30?]4*KA*23N+9-SP^7F/(5YL$;!P_4,YS7O&O8T8R%X8SNNE2F.U$1E. MB%P$D.5KB4IR^_!AHT'GFT>GTS#S>3O(+QC7-_<)VI=<*\A)4\-
U.>G14%-3 M:HUUSM'I+%L'C#TUGXE3$1MQXHE$Z-.DT(%%=\%]f(\V-]2.5"7]/P+GU=&7 M*H+G=#!K&:P3T7&M6K?6%_5/I1/L<+^3G:',$XAT0IY8S+W85**^F4I%OXW1E&*4
M3,WSQ!Z92C>9K&T-GQ; =\"?/Y=AOJ*15[4,,RZ_51)MC]ES^16=?NM)O_1 M]O&?%*YVSD+-_9%RP5G9/5)'%=,%2F:%_]H.?]IS\LA%/5.\]Y,@]^3>AMM,,#MRFM:\&
[%TM%8VMO8"'XZ05T)JRR,CHZS96LfU#$]A3 LL$ M840."K=QF.+8^"P*\K1NBFWUQH-<:.R##&_?5$SN^:E9QZ(535U^K*\#CBP] M:QFPY#-1O0B1#R##CP,,(\-
KN+!NAV,/QP7FD6]/\A^'K^E:)MO GUWI,/]@Y8^X3)5\]YWB&)HD:U\6Z7VM^F0@1FW! ML1QC+LG+YBTWA\]NV)9Y35?U(TFF@WWT.QT)5Y?TO3?S/,?BWFZ^<]_B9?
%^L,5U&4RC$ U'2%4MJ?V1]#885<(B1?-O(#+;. M3>UM/RYV31/GR /@WE#HR;^RO85F>6DNEH:P&10FO0/$!P@I.C()/(@C.N MF!=5WC./B6N'GBC;)ZEr- =D.7!$0AL\
0#=A22SPD0XOA9. 7'9'VD/91-MM#Z@3D*?2'Z'"/O@S)"#P&_ R;=5\2;S24M,BZ3T VO0"R];UG MY!)ZW]H&QH^SF#:"KO7Q=^+*W?'DCW"YC98/D45M B>++M4J9BI"Y(6!-E*;
MXH1FS4-X'YM+3R;-X3)^DC)' CYU8J7\R;#-S<$O5V3M2[;-FK_ 5I ZW;D^]T"*75LT@7E]ZM YN+LH>;.$HEF) MJ?3+G,52%U# T>PA"2)^05YX&M(OXY'/3QM-/8HQ<2[(4_
_;1VE["ELC+) M6\)&%(U$9<[)/Q.LTSJ.4'0FCBU;Y(3E6CWQ^VC#<|CQH .+4/_]1J_:GNT&9JG MSDZ#K&D(RG$&P6_N2ZSET:CBI9#@RT<^/W$<;GL:B-$!Q>BQXO^?.7):NTLJ
M]*K4K@S$;E>"|,%%UE&D9+(91H1|GY\X!G<,(IR,XN0!V?/98EG7! ESC2?/ M;ZI.KU;KS_AUO5D,+6NKZ(0WY ;5"U5?NT>]% @F4GF"<>&)Z3(,LAH.&'+B M"-3FA!D+|:G[ZNTL:-
]2+#G-7I*_)&VVH$2-1M!6@"[,1"NR\ ^#>O8WV7MZ MF(E#3)N3I26J4Q\W1I@=/>FVSS0"312GW]T|B-\;L*>WCN,C)H[*L ?!;VTC[1V64$"]6@4.O8"@)0,, M07C&D\ RJ'/O$-
%/^>9]@K >BOL(Y"86^$W=M*V#'(R/RGJ:KI>D\:P&+[@" MC@:5)AR(^ U$?F_0B85^C,@6+?";6O"S^<[$A99!TO3(0B'C1$5/'E$@)<>%
M"3)E4X(>E/SPG.!W\YTFMJ&9X[&,T+!9YR=O$1R3%IPS-JG,=&!/E<1JG@&[HTVC[D\6UZ(! M=E/[_K//FV2\V\[@UQT2<'6CP[ROAM3P)BZ#.1QX)"V@5>..<%=01F&^/Y/
M#S.=_(^7VV(<$#OAP^U5*\.RR *9U3#?34M-DFMMP6O)"G8Z)GN ^*<\XYM+ M^PB(IA;NNX^?WWI8OH.'I)@(%FP]VU1VL18R)9TGLE"R6.E2&B+:.G6].XZ>W
M$^RQ\$Q=NFYQ<7499^%#^3VL5B%]N5KA>KU5/L%%X4HFVS,;XJ?T#+tS,!3@W MSIM4#[8A];V>'&0:\ZV9X-L!V$$ZRV[^\FW/$*^B*.2[$!2DGQ01&,@U"6!+
M#H1,\2*W+B2Q;QXJA1R>GOIT,M(=LF7;5C(6IQE'T(XL8)63)VT1]RT-N6M*%D MP*)*ZS(^^Y23RV XR3\#&6.@+L#TMR]@VYUI(VYT 9R9/^(,HI)&U)IZ4Q M^6VT*6?=FB_3*
{O]APCV8=%PD^"N0.>7-?8^7-,8^(1BI"*12DGWP1/E8$-R^ST][4]V0!:T@G)H%YEXT!KN-M@>64N&1(>D[5)UM4M65K 5NK8$34.@X+A=S_^6D=F=8L: #AU"S0/XF=)$#A M;Y:
7!.3R;,C7[T&=Q.,?;$1BHI&T']3;% 7DD<^/VWF5'M=<:#*$4|/_"3M M/B8GG\5U8V7AR09BA8/3,M*I5C(F;EB,@XZ$1[X_;>94>VUP.H@=&)+W;WO> MWQ8-
M<$(IP]C:?R.=`9%E*$;&+6*NJV MN)!9T#3M;.DNIDT$,90 /&5I2TQ*A]:-S4^IQ/LRI#E2R,,]\IZ">_>\N8_, Q2M4OZ?P@KS;R'A33LD%6/&7!C(HCT95+2:F&P!%KT40?
4X[BJ9^^T>BHG MTX91K671 ;UV[@+/4HY!994@Z}1]}KN&P$4][+/N@0;6.NZ9#O#!Q2,W88N MQV+; 2T^+A<),:IJHZM-]6QYV?54[O?&Q(UED0'W'JN-:G)9/T;R:&V6@ 5%>T2#
FT MY@ZM=RBT'^$T.[5-[L]+|<[R5K)H!-*W4&TW]5,#5P(^ M)ZF#"QKU4|&FIUM&!YI#+ ^25C6$.'8GZI!7GZ[W$ W^UMH&@*=3H'*6DC6 , MG=5*)
G!T&^%L$HR5'+$(=74|G^IH)(XIW&A$8+=Z9 GFP#))*SA28"+=-8J M0;\$C :V97JC.SAAZHEDNNAU\=+U8K7'V8__KO M]6Q^2C5;?:D+.,5#]PI]XT:0Q=8*4D*P[+Q$(. &%U_0?
$6W1K>WL9R?54PF? M-AQK*X>)WRO^L5C^LQ;#U!GZW@Q)O_WU6J]:0D9@Z0ED !VO+:,$K&'(D6D) M0FNO8Y1NV'O%8]_OJJ+/Z>=:.$QB[.]G>+N:DP-:S>('7/ZY((I^JE'@M+H+)
M,%OU)2/#S9/9'^L2@\K,&1;RD^EYIQ|L3TRNJRH!8QQLK00S>>F@31OK[]MS M^LT\?UA_P>7GJ]BJ=Q=O2,?2%N**DTEH:I,K6!-'B(YE1!C22KSHO@@331H ML*
[*!9VNEMH#//ZSPG.:W]YTFMJ&9X[&,T+!9YR=O$1R3%IPS-JG,=&!/E<1JG@&[HTVC[D\6UZ(! M=E/[_K//FV2\V\[@UQT2<'6CP[ROAM3P)BZ#.1QX)"V@5>..<%=01F&^/Y/
M#S.=_(^7VV(<$#OAP^U5*\.RR *9U3#?34M-DFMMP6O)"G8Z)GN ^*<\XYM+ M^PB(IA;NNX^?WWI8OH.'I)@(%FP]VU1VL18R)9TGLE"R6.E2&B+:.G6].XZ>W
M$^RQ\$Q=NFYQ<7499^%#^3VL5B%]N5KA>KU5/L%%X4HFVS,;XJ?T#+tS,!3@W MSIM4#[8A];V>'&0:\ZV9X-L!V$$ZRV[^\FW/$*^B*.2[$!2DGQ01&,@U"6!+
M#H1,\2*W+B2Q;QXJA1R>GOIT,M(=LF7;5C(6IQE'T(XL8)63)VT1]RT-N6M*%D MP*)*ZS(^^Y23RV XR3\#&6.@+L#TMR]@VYUI(VYT 9R9/^(,HI)&U)IZ4Q M^6VT*6?=FB_3*
{O]APCV8=%PD^"N0.>7-?8^7-,8^(1BI"*12DGWP1/E8$-R^ST][4]V0!:T@G)H%YEXT!KN-M@>64N&1(>D[5)UM4M65K 5NK8$34.@X+A=S_^6D=F=8L: #AU"S0/XF=)$#A M;Y:
7!.3R;,C7[T&=Q.,?;$1BHI&T']3;% 7DD<^/VWF5'M=<:#*$4|/_"3M M/B8GG\5U8V7AR09BA8/3,M*I5C(F;EB,@XZ$1[X_;>94>VUP.H@=&)+W;WO> MWQ8-
M<$(IP]C:?R.=`9%E*$;&+6*NJV MN)!9T#3M;.DNIDT$,90 /&5I2TQ*A]:-S4^IQ/LRI#E2R,,]\IZ">_>\N8_, Q2M4OZ?P@KS;R'A33LD%6/&7!C(HCT95+2:F&P!%KT40?
4X[BJ9^^T>BHG MTX91K671 ;UV[@+/4HY!994@Z}1]}KN&P$4][+/N@0;6.NZ9#O#!Q2,W88N MQV+; 2T^+A<),:IJHZM-]6QYV?54[O?&Q(UED0'W'JN-:G)9/T;R:&V6@ 5%>T2#
FT MY@ZM=RBT'^$T.[5-[L]+|<[R5K)H!-*W4&TWJ

*;3]34HU+F(V/_]ML7PW)U\9_PS_QNWBF!;>AFP@`M%9E`.5/OL;D`$T,@5)64<4B`P<$#3]N&HJVZ&A?UR:VP_&P9`,T|'=OUFCXE`M\FJ,C.!I9X!*K @,2:HPY+YRP%#3=I)H;4>U179R0XE&3;.-,&YFSXN6J.E$`MUJZFG!*OP1>I(%FIG0NV*#'D!>3'+T_;***UL7,2;A-+O=ID[^:?^5])!4C8S]+!#3&3$^N4"UQDIB0?4N+M^9&Ff[0#1 MEA6-<9V8)9]#P?7W-VD]^S9;?!\HN!M\O%@!I9- S*Z+P-I.F27P2D?O0E5R`M0U3$HP-,V\,A+2?:H#CU,?'YIX_+Q?DR;"L*,.M3TAP!&6I05BOP7G!0I,B@`MA2W,#K% 'WYWVEX*8C8^(4S";W"6I#GM^NP@?7?\7YYC9\?OfIY6A);3>9"S&3G`M),@ADX?%67U,R0I.TH8M"Z=8E)^,-TT0Q6N-=BC05`MPM3'S?8J<;GXBLOU!UTO7*)@?AS;@ZI6Q,UH) MKJSBS6L@_S")891Y!;>K;6"> ^`CZQV+YSS?SO)G^[V$>SC?/5[`.Z>M?E[,5`M?L)-%NUW;ZOUKC=*4QJ&50D3ZYVC%5>6'",_#"2(>"O'N>!IQ.OXT^C$&O`MY*+U!00P=6<&[!*U]+ MSF3)2LJ2N_$Z?#R1E[,9GT)'0=T&B%ZF!5W1QW(,-.I!:)O?2!^-`9!1" M9<%S\YB[;NH5CEG#;@QB=T,'5YC;MYM1.4;"WY[OCYWE]HR27B#5SSCGHM06 M;*KE#VKIJ9!:!M:9D!H7DZPG-DOENKGE(K"D<&<1B<6<8;*Z9V"[0!8XED)HZPG`MU_\0)+LXA/>W(5/,&J"4H&"+OT.IY.W-W=SK'B>9'TNJ::/.MI22EJ*$*3KM`8 M4L;QF=-7^M)HA[TFX:\6%4]'KXX7C@"0<17ZGL!1K.W+I)&6=*P2Y(ZZ6)1/`MB:O#NCVU3'UZ@7B.5L09%_E>XL>&JJ(.*WV.T4\'"7/LW1`$^)PZ"=E#-,M:(MACRFC9+`^^P(1'ZU(-2KN4Y]3SSTLDV9549'+@-E[4#%'\(@9+#(CE463LAQR`M.+5XK7^!&(JFUA+7*<^SLB5_(2E%]7>AJ,X(05S!I+R-<>CIK=`4I!VHM.2 M.6/FNNV7%T$G(=>,L;1;=SDWFSBL)4R(Q+X"S7?@Q>0A0Z0&!9`M">,Y%]CZ<6+_3'I)LVM!F(:8=\"(Z!.L."/-L5E!(%D4["#J3UE6H,UG@9) +G8N0K)3"6G?*:I.:`MJ;+AJ >)_=#,K$- DT+T7Q!/CW@O@XCJ\-D"D(QY(;2O'E;RMUU!*"WKA<UC`M.-(J8+9)4+WARX>|,EI!2,41,S1,?&@:,)EL,Q@TI/O7<.:1U% #GT,`[Y(UW!=)%^O%)26%!;<=`9D\ M*W"%#.F<;%-9+3A95^-'*O6=[-*6/I=!WR>)=O(NC&2!2V?!L%@7PTHM_9E!`M)\T"HW.7A1]?1UGO32FTI$"Z(>-+Y#ID$V-(J0!7/:LJNQ+A(DWP OJ(S$R0`MV;;O3_-.;>++:=SNC ZO)O'E<_]"^>H"%^6F(>K=WWAW^36D=<,DF,%CC9,0`M<]Q27R`Y)GB;HS5$K%0$*)40HN8:!&GA!"9=Z^K#]8=YANDK_TO4>/;3#%0`M/*MA)IY#4)(!;W;2-68H!L\T&/- ;.I%H^>DERD#;PHH5!5H8T8GQ^I*ZH<8PH%Z/AV@+]+`MB$S,1V"40$XBQ%4DA9BP0)9%Y/(],>@AP22/CE1/3W/C1#3[H<6'WW77M(&QVM>\; <%2UWX0I0&I4@9%1YDA_BG%(SL)CW^_R?;V%HC@6PPEYD'%V]A[/`MP\60\`4VQ109=^38DY,O(KG[CI/-+DT"Z[G43.O,$GO"UEAA^NE\\>TO],EK`M,X- ^N+,N](@PX^>UU;S/T5#0G)L+UK&IVA+41L29'\!KPK"*M( HA@1M-2HRA`MU0_C*PYDP>YHT|@.)XMKT0"[JB)87,J<%S?$O7_L^]/$08X@^A-@ZR/D\8$7_[V`M? 5DR+X*OJ;ZH"9M4-3A)=FWQSMFB=!;\^/>G]T$/C;SXEICVM^CPNHLOB*R`M8+J6-Z?Y]RS!)U<@&O)Q^=`+?!$!/5/^\Z9=OT`MSAZH^P7&[2SDZ(E1CZZ3:A$4M;G- M/P6K\6%"=5(2YG^F-IY/- =`#AWTW\W)S2N*D(5K\T=FV28=;6H=!0: M%%,.O.8*LK7.(UF'0J5)_E$XGBJ #.KVK[;UP`MM:X)L9__%;YN/?Q<3+!$E0"ZVAK;6KC^1"2"%'3E#]]3#1E@G$VG_3'JAT*F2`M7C2'?4+RK);KLS_`"^FH9+OX:5I()OLMOM\6`0E',;=I/.M#!KEQ`B"H+<)8;`MQ9'0,8.H0X/LT(9^=T>9I\;?-J2B.6&:03TQ73Z%`^3EN-*^1]%0HGL2YZ:B2`M" (7H-7E_&",=\B*H03&>S_#C=L!>"%&\&7,\?CT(_8:KF(65+"`P4HU^5-,1LR>WC(2EA"(*S^5'B?S>H!,+_1B1+5K@-I7@PI]W)LZERU&[_.1N MFKBG<\DQ0\:UPU:,1OK@!J5@2 $[PNX-.H^:,"?YH_#KP(=XOYN?TM%?AL;6C7'VSV1:,_-T"3]#F2/@[H TGW$^_M6RS_6*QO_9XDG;&<=*OBM21PVF2,P\'*8;.->;+#Y/HBRK'2',1$N;. M8K6CUI$9+J$(7BL=(YG<- C#:/S)HRSE;?*!ATCBQVJ.51&MQS)R*8D\QVIAD`M,=8[4I(FT?]E`U9/.1ZO-4;[(`$!%]-]"'93!^W./F_>L;NB6_VDE<]D%2632![(.3_^=P48NS`M?OZ"N'Y?_W:%?5-EFB?N SE(>5/13T4$?Z[B?:<4^4X95?/ZVX_-9=[`ART=`MC"9H=\]:I3;2U@46#-CZ]*>2YA +CY\!$8;O8*W5+\";'IR--M(>0*$CH.^`M1)M:%S>5U:XCU%#&++MAL ]3!")L2:S1I2XEQI9+EUA.!C<~F/0,?( M>E^+D5.![X! =YKY_6T )1H1)!VQ$,@?HZT5:.DR1Y E\6+(/..V]9W8GFE,`MV\EKG+B>XS#NBB9_+..7BSFNP_(I.>&UF=O%F!O:'O#,V" 82@-D 9+5%J_`M1[8:),9RJE&'\K #8T:/#]M7B(SCA3]HUI](X>)7:/WL\O9>E'^^O;-WVLF`M!QCXP00:M*P&OZOI6AFBP@*!%6$UZ6@EQ7T2I?6.?OAP+_KI]'@=.PFSW.Z MO%SD6@WV)N!D/<[/UU_.2*OFZ%@!KF1]2M*6.&L%T$$<65#6<#TLPVWOYWMY`M73E=^"WPZ^HXN8MY7&V:W1!+EN?SV?]B?C>_[C;[:HZ:7K3T[S\NEANYS?.U MMOOUW^GB*F/^C6#_=?N7YKA;-8FKVK'V#UR?\1(= 9X@6E7?)@K9>9Q^$=;=]#.7.CK6NOO6B^`SE5K%U$=<;-[K:.#?Y2=FK(^YP]E)-WO,WAXD#3'G63M= MG&QO>R/SA"]Y6FI-OR,0[H`A.^]C9XK.?EDB@RQ8)3=3$'4V4#MR6Y^06=^.`M'#O#]^+`M>%L;AV0(GZ^OH/G)U_66-^\PV7X1QW-[O/%#-9*6&\XV=.*.FK"HVN!IZ)'&BH53? E"M7C#&^`M=4C$"=,=1$/W>FCX,G+KBJ+5IQ;'YQD`M+`_+^SB*@0]G,XA@_O41[":34)[ZBN+`^*SR2.S1;X4*[]C0]+\L%I7E]PO]*_`M\VM-+E_-X@7^.B=7Y;]`.ED)O\Q6Z6*Q(N? C(IR?B:QE1F/<-;RNW9"`M]B6K'`W;LCUQ@-a3&W#]RGJ&8^_"FJ;=LM=CZ_"A>_X&68YS/EG+9*;8BI`M$);1Y48W&&QGM)F9,G;<6#VZ02]24;C#04B,)'WMWL@B0_&`MHZ?`R^.?/G2- ^9N09@F!&RJV9D1#L*JE[?5F\O+U3[KARS[_BT)`MM]BJ[\871LE,A[2&PKRA[#H7B"[7))ZG(=LF]ISU?^+WA-URSG, 3@*_DYFK`M`T@^7]7#>NOJ?PY7M[_[_Q97?|;Y4/B_,:SO- 7XA%061)@4HMM!J9<[@9:$$ MRX&O#4XCY-XGG-U4IB>T(0=`/;A<1NOGO4SW9G79?KF]#++*01^I9^WRC\N4\VC*{2]^?=%LBYR`MD1+%- UNB"B<@*]M@3K009."=9.1=IQLE?,0L$VZ,3J'2@=>;Z>43[@.&RS]V`M^ZZ$[4*EP[WE>PGL3H1TE F5P(DH1PK(OFO1N)-'(#[\EW >WK<9@Y"C3-1] MJ=7]+O[=5]P0<+O9YB>$0G>;^,W37=R@1*N9#&U+NZ91S2E*PKS5K$YGAQ!]`MB6L0@0)D)6EO%",4BT&DR4]3"4K'[G_VR]J_5S[!]{^LENLGMKBY4%$J2>ZY`M (R5&"1E!EX)#FBE#911.;,=;EX,W$[Z39_!C\;8W@CBI<3L(# .6L"1CN$(Z`MR7RNPSLKZ6@P,4.0=-I992(OK=,_E]W[\6IQ.DM8?!@$*U0RS2DZM[M!1QQ_FM.2'< M)LA):5#:TNZ,/$%$X2+ZHCF!+O(6IQ.IF#-_]Y#+-(IN.X*.I$BBV*#`.5)M)6K(#BA*SF!,"H$'DW1SRKYC2VRG[!*=!5R'6*0GS2>= &=>,<-D]&3(Z'#^[? 5?;!0-@931^'EI*O\ M"D*6M2)/48XO$;M/.8V7>0@\+[__/OSN8?#0A<&0O?:D`M(6\L971UTEE@"K2C@PH=8XJUKN =+^7YN\TV")W8OGU@>*OD'?>X%RE*E82D`M[>@E13Z1,7"83J)1.=`9!- KS5R_^34[^Y?1A-B_K*YN`M%X_YW67X>&$*:D5Y8`55!*6\HJ7+"(5G+3-3P,DRH-YS"MGFG;`W/WB[L'E7`MP>CCJ012&MJ?4H)UE*XJHB-$C@JRE'4-66- HSE3)D1G=KN>8=1C@_B&>W`M=0?G_IZ.O_?`7&+`^JE?)9E%2_9N/N$Q?WL?+Q\8Q7GQ_!L&.B^Q/2ERY6C:T=?_^%MBT)`M+N84U9YTWBL=(D4"LM:.D) (@N.O!,T3'A+19MN;%GYL 4*-2PFD-!3-M4!UK`MD,X8!"^2YY*%5-H//#MG`L Q&#F$ `",0?H\]+=E6%%Y9GP*D"2KW?,F061T`M!!3CN/62Q:E>)OE,D'\A.- T7\?R7=35@C/,#"G*,Y@FE;?G`%7`M-(-L*=)5&AGSK,W;M\]/-`I24_(3C;%N%]A^F>R&S@W#A7(0D56ENZ2`G($"`MSYS+*29?FH]U^E=A*!]%E%$,16.,U@4&7R; IR92,H6(>?,KAEA_%*PNTI0+_`M17!N3&,,_JLP%!V#P79&ZR!4O!O@-7635GD!XKX[R'|H1P>;6^]^QO`M-L?FQO5,.UBO`M-IL.EAMN/??785FML8ZHTAB#0VVA^/KT:I%V?:(9DHADSR(@,!-K? 4RA%-)&^FW)E#Z:HA6>E]#F"*Z\R4KQ3@?<`MR6TX']?^!]=+_%@WS.\GXM%[^_V%0QZBBPDTJ0\4+0:"-@E(S89%1LF%;YV$`M#95MWMJ[^?QI$UMU[S*?G@MWI2X7EC,N*& 'CZZN41MPHC#@W/KHG;=T:IS4`M9>Z6<]XRO%Y<9@,;=E^1\3:LUU]J%5!8>G&0*4#(C78F,(NP)G.<^>3]N\1B#BET^L8D)NG@U^FFU M_$AQYZ>ZJH>BNJ0L6DW9&9>UMUKH1*%&*I#08Q%TGKC0NB-SIR"=-%YVAM#Q`M2F^(G<8G\V9TQKO<=-.@/+/ZW)V398W$;'U?WW'C!U#RF7E50E,U"\#L6A`M%!-B8! (XD\HYD8-N/LGH!7&.Z63XH11,5^^^7I(/K`.[OK_'WU4_X<;&YO"G@`MO7F_\FA-(5!#\)*VD)&<PZB5U1IW$+37<0=)`MX[VBWEQ?`.;FBM./+MC+),0&83!8QN^CY9-[UF2R=.*,C(/PJ M=`Y0>A?@H9^U#)KQ>;O$C50'=,?AUP#KYVD+D&LF#Z^"=B3ZSYCQ>NP29]R5\$OP\:0\)QF#BY!ZMKM5(B7(+'PQP'A(7)CC!!B5A]%,? M881^]X"/)Q^<;X;?=+G6X1KM 0:WZ#$`-8*HV2%R68MX.B`MX"%`F#/*/<)8S\U](@.9F-OC/B^7BT_6G6\)WP5%`3;8D"J3<)+@N;)@BF3T`M1]$;,:C>]!63/_GHS$8_Q&2K%O0;V_#AJT>"&SKDN+"ISNVR-3".$)GV]11. MH>)))=?"\(`_H_C;V:X@_4WH^$S+B(HA`N-7/RRO(BZ$`M(I1.UN@.%$H[A$"`MHE01N%%:R>##"\EIAM,__9Q]?G?Z4?:6)Y^\6#'T'1^<;QCJ=.?]L7J=&1(W`M4M_&P9JP$Q@8'- RM9#(@[>N`"\L*4M^K/"77,'K>'C\M7F<_]'F6C70W'6U^>YZLUCBY][543M74%H%F7-*>%DD] =,(+2,O&3K4#QS`M"3M:?!%QV'QV/!Q>]_,*Z^"Y@)SAJ0@X-@I0=5 MASH$&R68D)W6I>B"K9_F7A%)9HJ$-H8? J<#K= `]?%E%2_9N/N$Q?WL?+Q\8Q7GQ_!L&.B^Q/2ERY6C:T=?_^%MBT)`M+N84U9YTWBL=(D4"LM:.D) @

M5$OYYPUNFP!JU8EU#T;V9US'58,;Q[>K3Y]HK9>8W]7+U%MOSU$X9]"!S\I0 M#DFZC/0G4)(NCC-N#!MRI;WSA\^+GODLO6JI] X\XM<'QW=?ZC^W!;5OPQ5^
M7*TKP\B6(I+GP.N40,L3J[Q3 6*EXF8Q![2Y1,Y38X8V>H6;#*UW%4,J1"&95V$+WEX%.H-ZV>.1QR M.K[PB9GOG]L8<-5>FS.#XH_EX@IKD>H5;G[X/]?;(O_;5=@D>#"8@+O:-2Z<
MI@UC,@B=*.U.]6Y^R&C-_5^8-U]L#XE&NIS]P9Y^SG)KAG#Y;!DB!_W>3\P;N+3'1"MM=A"0O%O\?4>(]SC&SRIC M49$T@[7)R$M%,;[08)#+$*04CK6.1G9+,F^18UOH-
-3YC,C)N+CX"3\2\)=7 MBZLOVS"L<(8QNP0Z^?I6DSB$E#(8[I7'BOP7Z;4VF/[MX^KSO]./OD$*_>(! M(#L^."\JIL^$CM7QS/"XD?IVIX@ZBI(B)^"I3F#+V4)D151B34&*L8J]^)3U
M.C8>?VV>@/1H%T'O*2P?$Z>D,;+Z62,C:_M4MDAQKPESJ>[.CG6 OV!Z'8G8-0LQB"@,!/J?&7:3EC+B&@+!.VML!ZGA5$/ M5R-'F_=EN!R@Z]DSW8>ZZ]MRM-
N]I6)5VEOZP_N\7E#ZEI@%RVIQK?"U5(" M,)&3CRF*D!_&1P\LBS],DJZ@=0@4]M3#G\ N,Y=P;&\'ZC)^2[@,Z\5JNS'I M? [9!@\IZ')+T.5@I!O6QOA**QOL4JJPR$[HX+
[W4A2GC6F+DZ==G!$@;D^X MR1'Z[2ILOA\EO-TZ @4:D0MXF[MHK3"]!\Q&F?AT^!^C] M_/.RDH(@/RO!2%FK@%6&()$!IX7JI(3A_V)YV5%P:)N;C;%-!Z[L75BL*Q$G M?O?E_I?_N<
U"?7GEY_P,UYN=ZW6GE+.Z$"K.JRUI%(KT"T$'DFC6J,UK>^8 MADDV+UWJ"6NPV]NI)_3]C*$J:EN9^?7Z[FHUM=)!"TE8X77 69T:K:2M/-8F MYI*2-
ZWY948).'-1]00(V0?"YN::M8CZJ^7]N/SK^FJSU9F\:\&).F>/'HRO M'#L,:1V21W"YO8.E=X09Q.D-8>!OL =Z1%.G!U'^Z#AGHXU,+TFR<* M896,,D)QE5]6JT21,(L@
Y>8FB3YF"'FV'+M%TN]NBES*7 MK*#H7%\E3 "?F8*8M'"49SEO6K-G[9-E[N3@>#N_"IT#E-X!>&XSFYN]]62[MW;I6S85)S3P'&D]4M/^0A_);Z/WJ"./IC5-
[VLR]0:F0RS_O,B^I1DZ@-7^ M_'C_$C/EY\Z3)_9@9$YZV@_955DJ""9N"UUW0JH"7U&L["H+>BH_K:=@@VS.&Q\P_(
MVINI2^R]2>GZ4[VNO/_3]_%R\7%KT0OA2%NJ%)!)R=JK92@?1]K3V7&A+'+! M6KO!<1+VUO9V-$1>!6$S>W6)QEI95N6:?[7QRY!UIFV-9>2="W-O5\FJ]B-=;QO/OOOSPZ:_+
MU9?Z7A*"]TR5VA[B0=EZ@Y,LQ1A&,:\<"B=;ORP,%F[VH7-[>8_,)BY([+0KNLUK;H+"JW6F4C MR4&@46C+]#P'PV2=?>+SR>$Y@0T[=9=?Q1S/69#?K=8?:+WW%_#/M'#AA$ 5
M4H+"8B9%6 9.&@L\9,_H+,D%)Y@_V'@5LT^%/CG"3VKW+D/32HN;KBJOSA4M M\>X$>G(P_8)_7[TC4X3+_XUA?2&BTSDZ"RR'.O8/Z^'$.*2LA8\A1Z.F3^%' MBSW[
.J38WM:RW8)YC>;S?6GO[9+^V.#^6VX3#6G7"P_T@%V,PEHD1Y5$=VI MZ*?5\F,EV_B I*KE^YM.Z\V%$E$$SVA?(C FZ733V5JI444^.=+; MKFGV0=JGOUF8#Q-
=A.;/VJDV%UQYMDIP IA5+10=2NU,<.9;+/KJ36_ONY M#+-/W9X8A4?I_*SG9CR:)+Q:7Y75Y6*U5<'/B[\GGJ0QX,NGFZTQ5@TS3MM0 MF'F,.H T6!U:2."8X^35#"5Q#
(42K4L8NI^VP8J/S-?(I]39$$DP"*84P)2, M*EZ1QEH_$'SCTS;&H.RX:1MC;-?#:(5MG4PLFX #44%05%($9##,J"X#(C0\.3 M&'0W>E[3-D89:\^TC3&:ZVKH0B7FH;Q"D*0\TN(= ZA"(-
IZA=1XB53-0&%Q"M=T&W?M7Z!JC M1YE_,!7X&%O,W'--$N/F:I&>$=)*YWSB B'RI$%I\ODA,07(D@E)E,3+$!;P MW3^]5P+P469;-=5ASTS/+-.6D'6&7J71B45 -+RRZ@C+43(1.!L
A6.9GF=@ M_SX4#ZVTV<%Y\SW&J]\P7:^? #ODPB4JX+I6DDAAP)6 D+,K-G'NG&T?Y7PM M1Z\$X8? IIF^.\#,!R34;RHEUUW:(%@JPG,P+FUKX!6$(H4ZZ)/#FU4K2>"
M/9>A5T;P8[!RE)YG/G >9'^SS+^N%Y_I5UM/^85^_Y^8/SXA.8^9^UCJ931C M@9*!0$XS6 04SHJ2E3&N##B"1GUTW@*K]H?2=!KOP.7-= M,[Q54B(EDMKY?#/&S =-ZK,83(XN,-
_\?6BO-/-6-DWCAAKI?F:']&1'W)') M(K>%/"[KB9;0A M:X<@;2)OZ$6$8$N"HM.6GT,P%9O'+@>S4'0RQ^^8R[L&=N@23;<[C$(Q9(!X(5I$1* M)&A)41:F-
=?]LE!T,DVL[6/JL5;J$GKW.1&I;/T1K]Y<;G]*]?^X3M6T'_$B M)_3*UO%<1E?:(>\H:%8)6J7.&J#MOD;ZV&2]O8 >S1D7@5E<_M]$Z7]JW*O MEY\7?U.6OEK7[K$3E?
>_\O73E_B/4<>19?[;6Y$ALMV77:.7VF3/(%*N TJP M[7.Q!IU0,\6CU5R]8IW1'SUMJ3Y7G#M=.)2B*!Z2CM7;)0DB%6>=<)SIUL'D M&93J3XN4XPKTQUBL@V-]'[.EH21-
HP'!52U3%H["'XJ+K6/*>./H;]N_/QY\ MA]=)*?\HTP]DDAUAAR[1=)O729VR--%"<-O]%Q,$3=%UC:1I00ISGOY.N.,[MO%%V'GJ'-T;I'8#GU@DJ:FU#?6%N#Z$SO\$99 M?NP=WA@S=
"K0ZZ%9(@\L2*A&$5+Y#Q M"4#*BTR)S]?RJ!^A7_).[QCP#>U ML3K XYA::Y16^Y(9,%OJ/,:P.LD"J> O^[.6+ZV&PJBW4 QOUU#5*1 MGQ>RU%ZS6M? ZP6HUV"3X[[68D?
=G+;]_)LC1IE_<'/$&%OTV1Q13#0\BT() M=XB@+)T)3N@(SJBD7'(9GW,-?0/-$:/,]GISQ!@==MPO%O\C?G'92*$?U6SGYGDD7,-W@:L MS3_D-I,)P%0H-IF(R;>^J#I--
Z!3WJA&EM)R:Q0$K16@O3%,H1<8Q':J3[#BOA70H:DTP04(8Z&M."T]*!S+X@.5:9 MGY>!-:VGZCXE#GN TNKG$YR*;G T)36&YTB*1!ZQS;)@PPJ@2I3H] MS54G]>V'W+\
(''7%E:T3(@:HB004S!%F*:- BZ*&*-6QK)!%2@K$TINQ1]=M/)#KS:NRVKS?'6JE+Z VJ MYE6LMIA:#2A, 87*@!E:/4 MNZ%/?# M,NCQ%5[]LK6K9%@*)D&1CMQ,1@G>*?
J'$!0K247G7VN??08EX*="V7'%X&-L MUT%4\6Y!'B8MPN6/2U+5=57A-IM/]+&BLJ(W_XO.B9 MS]*KEDKOP"..*29,0B+WD@$+W(,R)H!'6IH)SM)&98;_=_7O]$?Q5!;K (S[
MWW*=9)SI)"$77R\:9.TT#PBF1"Z+X#:DUA2 WT#U[RCS#Z[^'6.+F0LA[LLY M?EXM\R@>6FFS@R!D-W]/[M*4[GDHM)269@8.8P
CZQ.Q5(J)UKG^P7SY,]3Q'@*;9OH^J^KOQ(VT,A20 M@6M0E%^"9UJ3^5/(CDDAY;\,#_JASF8ZC7?@?MZ&S9^TC/JONJ;/X?)1#3(+ MI!E!IZK?$C)G2>>K+!ZB\=8(U+[]&
(:7Y.FU\O<8=]1,_S.[I3^6BRO,O]5= MLGEV(!OKM4E.UP@]@4I82#U2@BLZ M*-ITUFI?-"ZLQ:$TZ?*3'7*,N/)>8:8X8.8'4(UY,(RGM+:8"Q.E<> MS]HA8
V4XKE#$:VRK0L$OQUBKF/ -[6Q.L#CN[!8_Z]P>8W??;G_Y7\N<$U" M_?GE)_R,E]L3P;%07"+=.:L=Q9&.=IFB8"*XZ$(*4HCFT]&&279.#1U'U<:U MMU-
/Z/L90U74MF+FZ_7=U=!0KFNUEF E0U ^)O E1$A:2B\#, MQ6X3(&0?")N;JR-3_O%74R;K#AP@Q1T?X:.7,V 5N;0"15*YCT"E&S<4
M.IYXL9YKEJ9Y3NBW"SSQB#HX"8S3IE92)HBJ!$C)6::U4C&VGDCQC7>!CT'9 M<5W@8VS708CP]/V@EE LEA]K,<[U+<>],S+0_PR<-@Q4X!PBV@!!2+2:9>:;
MC^%Y1:1SZ@H?!887'Y2/LTS?0+NC%$V<-F.EHG915'9S!;$R-5AID\+M@V;K MY[Y7A>KI9?E(" R'UP'VZ !@[S_CNES7**8NZ)Y=$'T4QH"N-P0JH8&0*1@/
M*)V0DO[*M>ZJW25'MS ZQ-3/'XN/U7L'V/F#Q/]Z$4YJQUQBD$P-&@07X+TN M4$=S,$KD4M2MRZ5V"M)3A4%K]!RO^0[@LZ><3"GA.=8./>%UI<97$.KC(RDH
MYBAUL:6C\LU.NO?;A4P'V:%+--WN,Y-M<"9J\$:9VG%NZZ\B^,CH3[/@4;4^ MS,ZJ?'.4G8>6;XY1>@?@>;5N$)/5.2@/="97"A5RLL[1&!Q+\-9R!XK-
49.]0CPF@)'5ZNBM43O>)+"MN^U.IR\L).6F6-B MKA:6Z !034G/@D^HF,V@3:'-6ZL.HPH1K,V:J4ICSENSN/X+D!>. =24Y(5C MK#LK>>'=ZF_:]|\>
LAU8KQP0!%#'3&:ZXA1"3IY[Q57C.76C3R[)?F&Z Y' M86/5W$P=.-*7QDZ6[)VJ]Y($;4HD;03 DM0JQ>\UL6PU#HB/';HYV217S>P M:V6P3GE:F5,8@K=@DW
UL*UO)$&!U+\69'4!NE]S3. M\:?%ITI&\6M87RWII_^Y^.N>@B\JJY3)D$V=>91DH7P]^9JY^_J@8:TS V T M[&OS-G=U@:L)S-+!X?A KG1'Q84^%Q8%D+#UH2.2>@*W8%31L3B76?
-FZN%Y2JMG!2=-T,? M*T?Y*'/NH' \0+<=$U(JHT/@*H!PM%'(,RL*](P 9"H+6QQ7<@ACX[&$U#,0 ME!^"@Y;:[,!5_/';[^MM%W^EM_V/U6=:5PT2[P@HHV8\<@F(C!:CD!3$DX#
MO230:T&'>NL*P)<$ZI79_!B'TLX"'<#I[6K]UVK]D$0ZH9CRW)'XE:6K* >U MUP2*#Y1<:AY+:7[\/!6A5U;SH\Z@([3<$7/PS]>75XO?KNI"/GZYN]"B4]0X MP8$;3TO16_);17C/DB4">
[:#KJM?^4ROI.6"D@MM=J!%]G)VI]\,[Q ,Y6 MEMQ8*W2L2\",U$ABRRV9T4Y<$K"#+3DQ_B3H_7=4W2["_\Q\9)93F"D#94- MAAQD(%T5EA1&%"B?
4U"_'N(>ZE9FH"9O$N<>]]>YJ4@6M1Z0U)/?_T6'Y]7U M\C'8N5/*U_J"G'AE$#)G/0&G#?>2J:U#T-RH!<_TBO]^*'H:*?1CF*29]D< M#TD$(SF(F!T!/-3F0J3(2B9;##+)_0FF&?CS
44C778\VL\9E1VG94@LD1+\ M@.!SY(#1.1$B,Q10#8#$T:/]V/F HI4ZYSY"KO'WU7?KU3_HI_V"#T34,G.F M-$@=8B6BYN $M*5U^DY2_/NHV/7#Q^&A#.Y06VCPIDQ\":E]76M%_N,
MFZMZ3W-3.?;]XO,BX\.3J%5:*Q\-,%>?1#$8",88*#F%&&.PQ@\9\C?L:\-0 M,1Z'G]GM M:@.ESSX",.'B\V;7"H6)T[1VZSWO@Y@P40BXG:"V;5$([$ MO1\8!H@SN3MMI\H.7,G]!?
#.FQM30D"=*="6J5X'1PTQ%,J_8E$ZB#J9NS6% MZXL"#;L"WAJ'E3&Y8)U%P!P[HI:8)3XKBQ5!&5T2B:+[.' A. M4UIG?>9%*40]74!S&)S.Y%*VM?IG=CW;1NU':[D_C 4E@]8
IFPHKD^T*Q+] M0R/+7!4*W:(>X&QV__1A>#BC:]@&2NS!H0R;8J)3RC[) -G:7!NR&$3"?A2 MB9%TS$XT]RWMYA%U,AOAJ';W]G;J"7V#)I[8J'0)TH*-GI(%5U^]M(VDSL"\
M(R\K66M>JV]O'M$HA!PUCVB,N;KH5]\Y]>:.I\38%.HI@:F^N 9F:#'T6VED M3#D42TN="GM?B],)TMK#8,@[04\9"$.(=>@N(!0:5$>U(I#R7R MZ+*K(Q-
;$SZ^(,Z\52>%YP'6*13L'U9!@1MDO=27BI>M39TE$FUBH)]#M6M!=U[;A.DA=(!A5'Q:XHHS) M"> * Z5-:'R>S,?M%ZN3/* 5% :DF\?8I5.H;3[4]^3U8OGQK@*<1U$$4GS M*T- ?
<[R)KO*T6JRYBS+U'HTT1"Y.@%;*S ,N=LXQC(=H&W8S#@9*)/FCD($ MS!0B!.O F2! ^Q2ELHPIWWKJ4[NQMY,](,W)LG"LE;J$WNZAJD9J)/$5F"1H
M1SGI(5)Z#;$@MUX9%U)K(J)O:.SM*% <./9VC(7F+A0>MJ3OL*S6^"MN)XK< M*+)$+XQQ&5)]P557W']VY]DP1,-%GWEZZ>?*#I&'3..$O62X.A")G"JVK%)$8!SP4$T M0><@DW?-
WX:Z'R7*E8W%%4N1LJ-0O!)S."$8A,"M*P8#.8S&.OG&1XF.0=EQ MHT3'V*Z#4',?<7LHB:D2+;" -1L4I#KC(QBGE6961"5;E^,>,Y.AD]&AHXP_ M<";#&$MT *BF=(]<%AX*BY"P4-
3$$V6&N@C(W')MC+"*M:;R^?9G,HP"U)0S M&<98MU.B\D(R*FT3*+;MYM(>0J9UH M"8:8L;U#J)RL3XZF'UR'V=2ZY*^3]=>UM MY8F2GDR_3!*Y$') H'XT
+D4$@TTF5/Q(O/EI'0%V8D):I,6THM(QW514E2 ME$F^F,BC'-(R?BRM^ Q\)8=BHI4V.PA(]M"N.&>,,L:!L'6&J7.I$A4KX#FH MH O2G[2^A#R"ZV8&9I-#H--0YSW-HGNSS \SJ?9/0
OHG. U(XA"UG;W"%X@ M;1'O?<*00]%#FL4/^'2O)-*'NI^IM=^!6WH^8O:[+S\N_7F:GU3)(QTUI+R M-+#,':W!*G#2%! ^,F_L S\J0& MM>Z\8O(G'YW9Z(>8;-5"?W,;?
K%\)#BW3":'$JRH79!<(D0?$V2.A'=MY<"& MP=<,__BC\[Q#-#/\P?KK(/ >'O]/E=<;\CC3\B'9@RWI2*3>S$=S7I0B*U8T$ M3S\+M ^6"5X8Q? #KJ('?
["W>HJC#;V:6NL=>+%'3#EWV=CFA^75-D'[_<]P M]39:]NOE?7V@G+&6)A:(_3WX\Z PNDAK0D&:R M"I[+R8AHFJWB'#I/#P%S)W8_>^0__(\^8,9/?U5DW/-N7#@K,05R I$YLHRI
MT^9BB$")C^+9)&[X9%0E[9I_L5AE?J$T4SHK M#Z@+.0I6[P^CB\"\AQCRH:W?@J8>$GSOHF>X^8X'!'?!)G!^_(!TVJ9%I>+ M[8??
E]__Q&WB\VY[IM8BO.O:F_7FT^IZ2[94+C%=83X1W<'1\IV>$*&M2F>D M3)"T&;6T$0K6H0O"TV;(K$!P/KILLQ+8.F[HGC)!Y!!\"070ULLE3=F_#\5 MELEP)11+J74WW3=.F3
&9<=1)HRQ70?1SY[^,N-\RC%;*+(6QB-C$(TUI+X0 M20K'F&A]AW=$/V@/3(99_WCW7T@P=P&I_D+!_BI>;?8-S=G;11"CIJS-L9VB@XC!TG,\8V'6#M WZL5_:K]9?MC?
UV8Z:Z]:SF>LW],.;WE[!342*F< %HT!%:2F2(L]!F5HU M*JR(XD"XXF9'L=2TA6T#H">C:Y=&&V[D;J]7UPN?JX?R"L:BHMJF"S!"RU M8$-F!<%["
[Q(QNHL.,5;3ZAZ@:1SZKINE_4_3C)] VVOM#F0UV@3@@RZ#B]$ M7C[H0HG9.N=3',BT3-;=P:0F XO Z01P< >_<%-]=EF/5 >VMLA-.E M)ORLE62#O:NU\H:\#$:Z]8
>H*4AJK#&@5,@0+86SG,E0)!)WS9#ID*\GN7 4'-HF&,;(I@-3-JPDGR?O MBV(.6#&6#F41/!8&)I= M%!="F#2#K'"J'1X'AY6'_1TGF8+#]
MOFN[H6AFU81)T=C0E\G0+J2E"%N.E2;KVYY%F" MSJ&KMRW,#I7&K%NYGC[.;B8U;G?^P<+KB(SS"*9P#\H3SWRDFX"TQ@E?9R:F MZ>_0NQ2=0Z-L6W@=+(].\?6-
57ZS7EUNEO&J_GY[O:&CSAU>IN7O845'5CQC M79<@N:REZHIBKZ3(+2Z.U8EX*C;O9SV:Z'/H6)WXKFTHU2[=OMTT;@JG\LUD M!F/K)":(HDYM-
$@VGRL&R1L58\C,ANE1>I^F>?-SJG];;NI><\%>-!*,= V5H/)TJ ND"$%RF9]ZT+9 >0-6]$.P?2CI/, M>+#Y:["MD(PKY@^G#&=O.L%_#J8X!2U>5MM^NXG:9_UH8
MXWB6(D*T@:*NQ JXP$O-9JHLF9#1OC2_X9CO'P0Y=WZ0.YE,NKQ\=YGS-Y_J M#,[MPN>B@B;R113DK@JMP2'GD&2*1BO-99P^RW*7HD&8\^>'N0GDT26ZOLU- M"'&W'3;O
MRNTFJ>TB6!4=BPR0ZT)'$Q*\T KJCKDLH@["3Y_@>Y2T8+ M7%#"%('3WZU/43<,A:_J M/:.)H+J\=!_D)'_X_/O%^J^Z:C.DR%C*D%BJTZ_)8762U_V)Q8I2O.*E]=J: MP<0-
^"K>O%H(:9.'S^^:M,+^7&*DNBL5;E$U343!'BN,C!9A%=H16R^T.MP M:H=A]%6]=TPBR"Z-YM>3WLLK%<%LR=E#R,'7O)($1[X)&,GH)]E'%*V;N(;2 M-@R.K^_EXS@A]9R4?
MPQ3EPP+Y4#.J8&Q8*&R(6%8.GGS+!4S/2/(4?$+J_J M1>1X$?4;.=^9<'M]NH7R=> SXZ!$,'4&E(9@)#$P9*DDRT7IZ=]!OJ5K&.Y> MU>O'D<+I\LJ]5IX?UYL[Z:CM+^OK##OY%
&M%9C(I] LDR/,R:=P(D',OMAD M"T8]:/_9<1'S\T0.@^(9OHJ<1FP=X/+9N<>/%(^_N3[F35O#$NLJY\#1:0G< M!N)O1$T16T2(S ;)3;!>MKZACZ=Z&'+/^&WEQ(+MQ[$<>_[)
[ZCQBG%K+6S M4"RZ.MM;T/7"%>@8='#%,/9PZ=?)0?THX<,JL_X*>?TXNT'VH_<1C>+&&YZ MP]ZN_A'HYPE_^X1XN9!.2C0A0BZ)U9XO#S&2JY1||CGKY#2>P(EXGLAAD'U5 M;T
MQ=:!$_'8\T*Z^KQ;9W.MIF_6GXFX3U5WO^#;55I_KGMN?J60;G.GL^(- MD;Z_ >6]08_A#\7F?-.;WS6M?6(HZEMK+%"$%06$%F0!1$*;F<_LW]
M,N&/&]9]=AC_7=*R;1OJPB[OI+]X)4"BZ5B52K&UBK.78L5"L;1.@ M5UQH)I63#X9D/E<2.MS_U7LXUR7;VIJM\O5#W\FW&[7 MY?;E\$3;-T=2<_I=F\>PZ\C-FO5>'D3K[:;#
(***R68*NZR^KDZ-SG!@45GO M313JX=Z81QVM45_:/A#;/CLJ:?([&^ ;B?<1>%%@:9A1)+!E48!Y^@F"M@8BC[Y$7J1O MWG=Y\#CW&0=R'P.>H_G> 7:>6*2L9-EDE6S+
(Z&=A!1%XKK(V3/F!0JGT2 M[N#%Y2=\19S7E3I(/EVB;*]^3G&KN&: LD[H15G 2RM!2*8QV>*P3+O(I/.% MYJ/D/'2A^1BF=P">%S=I6YE#8:4N5_MW&XI_;Z9L-
"EWIPI\+HD2$VF'*JZ73C,Z_;F3,$S!DL5UP5)67T MK=>6C:/P#)/!39 TIG#L.+%V"=IOC^128=R%"#XSNO\R!G#9&[I>^>Q%!%; MY_-:3<+J*\ ^#3R/$V"7F'R\F5DF$1SQ![)6D?
RR0*J6*>0LQ5A%/ELQS;O9 M6O:;]^4&G :;QPNR3WQ^V_2<4[#:,PY6BU*;GB4X2S$FTR9Z(5Q".?T\C@,[MTD]8P-H/,H\3X:NH"WM7?
EM^7"W+,H75Y>U(;5+2J\^_[ZJ>WJZ^1R+X\W*U M7'V\R[%=L=YIRL7:$'GZ*K()F'MD<=F@/LW],7[X\W?Z6WA;#!1EEM)'"8PE M"W>2 ,NKL;9'5 M@_F?5\ZQDA_[RCE&#!W
ZJ"',YU]4")!48;4,7H&/EH/-ECGD9R)Q%J_I[^> M5\YCP#>UL#K X[#F-*N=+[4GB./!M:0^8632_G6G-R2P.I?L \DMUX/M^(3Y%_SS\D<22KCX M3PR;1; ER9P3R,0CU-
=E<,)GL#D9KTV@GTZO V,H[NW)=GJ 3R;/+M'[SXOK M!9Y/G)HO'&8FZ>*"%$0=C,0YQ+K)4W!; W.ZR.ST@PU>HO(X#"#^' MG>EM\3NU=%])24Q]DT[D0OT:_JI_8?MA?
6>=U/;MZD[B_6O5, ?0-$?!R[&L MF[&^Q2H?7*H;[83VH! 3^#KP$W4PPPG. M./I7[90VBLND6E<7O/+ZEC$H.ZZ^98SL.O!%GGAO]]DP]%$ EQGKQE,/3D7Z M)6AK>7'=?
WS)*],/J6\;(H4LTW;QYQB1-KINI?)V7(HLC_;VIA=8#'!Y[$O;/NLP3KZT>$F_,IYYTEM\+MLEO%%HC2>@C1.U."*^V' M5H^E<=ZGH4F0.*F8^H/A$XDPG53*9-B!625 &:7
.Q8@)M(LQXL,;&+LG7^9 MU3%A07LI=0F]F_S5CU>7=+";/]@GL^HSU(<_\.(+_KQ>77[:+EBVSDIE $F) M@1CHZAA&!)=U9.AX*;%U>N1(DL^AI&H4B%Z$Z702/3\ U_S_AS_6BZ
<#Y8) MH-O 5@X'<$Y9T%X$E:R1**8WID,H/8N,?@C%1!EQYP6FD]AYJD4R-UM S/$ZL_KJ\V"\<81QTE2(X%5#(< MO(\&3'(^9S2,Z^D?
P0>1>@[%12=&ZF@)GBE0EU]PH50=85@"8$A(H6C6X#!' MX$G$6J8B>)8=)5(/8?ZHE,#=:P$SP^H]8A?:_VV'S[A!D,A7!Z;-4*V M@7@="[GERB70(J9_$;-9HZVGJ3]'$J-3@CE-
C(^ZVJCVKVP7E5FO"MT_EW" MIFYK+#J633/6$VG%O2QDH742#A12I.:18C;% MO,LN9\.";VRNNJ\G$EJDQ+(%[F0=X(4U^J(Q*#NN MGFB,
[#IP.YZH;S!!L8(B0J!XE)PGQL"'P.B6,=PJ:U$V?[H__WJB4:(?5D\T M1@Y=HFG_LF?)3XE)DO>M33T'*6'@1H#6TF8GDI3-)Y*>53W1*#D/K2<:P_0. MP/-
B(8LP*3/N.;FYFDRW,^1U^ZR@2*V5S5S'YAT49UI/-$KR8^N)QHBA U@= M4J)BH^<NU9>#3.8*D_\D]G7'8]O?J"CF.\A0U@7 MM0:K=^V15M;150[0.6N+J'-'II^O=)>B(3_D M:K-
ZM]H/ *EK$SP%4+&H#!14$>/XKH0T27"(DC/IO4G3SP5XFKYS*()HB[U& MLAJ/1'^-Q!5^K$N)IAI&]'F]N5S^]TZ"[\JOF^5Z<\>27X^461A'@9+*#(KW M"52B$SL;(B
KQ>NHZ*S3%^D,H?0<"A_:HK.Y_+J\C^^?\C\H4MO^M"8=W"ZX M,Y%CJ!U!*M771 .A6 5<*2PYRA)$ZR>8$>2=0WW#E'@\5%*=&LOWF-8?5\O_MKN.*+NO9ZM&^O\
(/Z]_P\O)B%_)O^2)9:X7E%E)V=%+A SAM+6"DWV>'7H;I MS>4P6L^A:J$M0">08:=H_?81?><^1^N#BE:#B'5$<[<@G*YSN15TB!#7J9W M,!^G;1 :[6M"8P,9'7YAKR_#13<3>?
X/_G5G!.*'3^'RWQ3RU5&(']8WPQ#Q MPR>V4T"*6A*9U'O255]^,0=F1TWQ&R*Z#*.V):@"KF-+! M"8A&$[^"1@@R(&0?ZK9D[;QM_=!]_M4WHT0_K/IFC!RZ1-/^139BCHB8P2;N
M2?]"AAA\/8RQ6BORQ41K=_6LJF]&R7EH]JIOC@'?U,+J (_#$A1)EV!U4: -L4Z9Y,"G7$"8PH1! ME5B9OOOOS*MOCO"VDNI2^@]O:_B\9S6O65&CB7C?&W_$O4M0 >*I[1$8";J
M;!G]K[2^C]N>X!SJ>T9![(C])(WE/2/:5\L_7S[YV]7C9W]XZ++>W"M;B2Z@ MCB9 '9= XJAS9^ILC\Q#MJF(S(2]C_EO4I53TG<.146'(+H;F;X**WY3#//3 M>O7Q VX^WQ3%[
MBE.**;LA(P:@-=&]&10(R#,B/REQ;$852W=GUY\]T#@5/ M\UKZAIAX%3KRS.ZZ$C3G/"NP*AGB16(0N*TS^@1+CJR)T:8[_3ARA>',Y5;S MZD8C+'1:QCJ6&X,6U[&D4DDE@ZC=-
XK+NM)<)\!LR%WD5C,Q??PZQV]OB[5?YUL_Z_NXMW_Q]\71"Y_5KD]':U M^X9J@3;XJ7[M%^(K$8(GJYB8E/HYZBA.)XX9JRMBY!DQ"<"0*60G[0*?2X%D MBY!%!,?<:]B51'#9??
QUWB]+'4*2 ;)2=">KC% W]H!,.N3(>5"N=:O/?0K. MKSYB#$Z^J8\XG/L=1 I//,@&Y"G:X(&"?UT+1@IX+1@8:Y7,ABLZRM^A .((MV0ZK@R%,\,+2&\L*!TC..(+9-3<%Y-B2JVMSIE6.
(R2_-@*AS%B MZ !6ASR:IZ(+&E-WQ+)0U3%"4-)!1!T]-X67TGJZP^NI<#@&?%,+JP,\WCH- M7S,2(G@63$G LAOIQ$?J) XX$'&/&<%.Q']LW]^'&92BCM;]YRI<=^EBOFF M?
(XEFAO/I#'@BG%UFHL$YUP!GE!K[;)%T7K^X93GZ<26GUH=)A9\%R]43W&C M'O3'Y2I?:O<'&U^P]N66*M8%84 XQ9"2ID\N1X M#F#(K]-.YACB),[OE(>:M\+A1
HQ#P0Z]I=VRG]G6,-W^?]>;2_KL7\D&7WW M[LW;(=G@G67Y<;UYY+*]OFN_LLT(I3U/8+VHDPZ3!Q\9 YMU<%XJ';!UMV8G M1Y^W2N*$^M4KG+J8S_ S1G64(0 MGH0O'3.
<*1>:C^2<]<#SUEJ<4.?Z@D[G]]U@5GSEXBT;BD1G4\VUF)CIVL<$ M09+]"8$7.D;> '-RDU M.^00C:K 'O_JKX-.Z%:70DK@DG!"<:T +Z,&;S+G!(.(TC:^X)ZGJ-WDG">^
MAWB^^G@]\.T??WW]._L5=M_]$3;Y^L4%L[,ZF4@ND%<4;'@"ETB_@3#,16> M3.O8M1GQ,V?_VV'NZ>$ZIQ1O!Q[N;U=QB_]U16?XX4M]%+RIDY%*YN@2@HMU
M'IUV#AP7$;@WJ#!K'D+K//T3I/0R>N>DP'@(SP92ZA-L^U(&E*$$ZSW$P!"4 MB'5X0I @DH@ZRL@=;VX4GR)F9L"U$/7+\#F [_T!Z&8/DQ3)9X_BA3$FMIG
M(@1"S%IQO1L)/+&MZJ%&K9&0GX?. 1SO #8[*_P]158[38]8E7?*@LDAD)\@ M T3!(P0;HC;*:J%:P^4> ;W,+IGS0CM<(CW!::]?R2?)ZJ;"I,D@*VE)$1)Q M0_)F#N=6#I'_['=,R7-
P[0K',1(F@HR>P M\N(AZ,0)NXK5:5,J/?05GQ;XMQ_;S%'4[D?R;M>O+K;<)L\6"8M)VJ1#)1B MLD8XF" Y([4I-< I4_ATH[)>T]71]1,D'"21#N!T...^'GN5=[7GX?.-BN:2
M)6JC@5PE62/Y3"$WRU!RXL1HG@5KWE(^P3DZ\&$/@]7#Y,C<,NZB4/H];B\W MRSJLXK?+=?I__UPM+[?O?_OG_A9O2O*B%=+5G^J*&V; A9Q!6H/,Y^08:]T" M\RQ!73YAG1
QW_0TMQ)>!S;W5]R4]>9S6"7<,7&[/T;VV1#==:MK'06-Q"!G MF(2L3"DE$GM8ZX+%)TB9.??7&_I:"&SFR*'V :RJZ_LSACK^:L>R>K&XF#*F MX,$A!3XJ* FN!D-9<)$I_BU&#
(D5G_K\F0O!9W40F_&]0^SLM:KPX,CW*!1] MU6(&20?8/?QY:[S)N=ABRH'HF=,':R>Y%Z!P !MG!L,O[W[X];>]_>-*:VX4 M@Q!9#<4]D:V2 Y.D(?)+\,4-D/Z=C^Q+W(=
(9WT\JV:6\)M_O=T3[;77Z*T" M5VH9? RAEL'3_69LCL(::Y0>(-_;#YS'K9A(NH>QJ0/W\S_HSKM$K#6\5]N= M1?/&%)^4 N,\^<^&!J)HA0$+:#1+(JCF(ZR_(6+F[I4N,DG'2:8W:-
WHETS1 M<): B5"#,Q=JOM9#8+(D1K]*WGHYWB-DS!M/'RG8YV!R)<[,JW&O15P7Y9 MK_#S[Q?KOQ!OZGBR3BFQ BQI1CI532U* 5Q)XIR4AOOI\HD#".P(7(?
XN,1ZPYL"\X9"0')T-M@@FT_,/5HJF=N M@.OB>CVQ[,\9[;]<5>7>BVO[W9>PO*CL_W&]V5F;12*+$CG3X'GAH)+V=;Q: M76U8HJVK+KQO/7IQJK-TGFEOC,E6*M$2(%T\#[7BQ-

*7EI_6F=BTN7&3%Z5+;_M>T)E0=!`L7^_@E;7#6#&I|9/2LT/T?E#P'DHQV&0Z$(KOKO8_1W,C_-B/QA]`MX1WFQ-6Q56L#BJ$@+A,._!?%V\H=}!+*?*ME//XZ3Z$/_<]Y74HR&/GSKF@J$%+0&2U/[S^CC&0=$'}4#2%2:V;N=I0/O.;`MVKR@GD'XYP-Z"L^_X+9N$ZH.W^ZG;-S|\SI4ZI?UY7_BY=?I"HN<+#%"}>D#A-M-2B5/-0K*(SG*%G@@6G7VD^9[# S9Y'/0#4FA\CKUI,K<:$4YNQ_5/\>7SAI-MC-Y8-#F3H*0.$$(R4)S+*(,N$EOGN$|[PIG31Z|4KXX'4Q?*=K!X?OBOJ^7E-M7VI7V\O-U2[WMYOS\:^%36+V!U]"WRR74I6,|1BT4'=YP6W<-D_%1.DGPQ2!=-MVAQ#+LHKVIR#^D1GFWF>5VZ,'6)KUK|#\%SZ,SMS]6-8;NKL7PH)E2S6MDO7Q*%O:XI3!:>8@.:,Y4UERWDUZ|ZB3#E(|\S|J-GQ>X7KD2WCH-UQG#AEF7=(Z9C4)915"DHQJ2{6(,7TD"T)12EF#/^0?O#H]6&=S]SV-L>>V6@-M.XJS';Q:[T>"OEFO+C?+>%5Y5ILY]F'8YN=P27Q??;SWY[A)Q+R%\T4(\NN@-M1\Z)75%!3"+3[QCW3NLR#]=V&#I?Z|/SB:3<+YYK1N!.CHUE$ZVNZ35I-M-RB#$7Q@|54F%;TETYC%;:![G[:A*'VM;\+#M97?>+\NWNE^K>WZY.X@O4V1I.-MI^=&6S/O5**;)3.0(F1M8E1%MAX3WY^+80|_K8_$LR%AYBZ7'_Y,N-U^"'_N-M7P0?Y\.BVYPD(Z7VB0M025CPTM+O"E-LK DY) Y\,.^,1@27]O+-fD32Z.#B-M/[R-:+T/[fX-_ZXNMY=AE4G[@$?PU2$DP6D,HE8CN37ZV#-1%VTBZ+DYDLZ-M3G&N8;KP6[)RNT/..6O3R%>"?^/RXZ?ZD$<.5_B(NS^L\Z>^9C-9"Q1#,5"$M+;5BRD,TCKR_+&SFPMM86D]=ZN;PP_3RM3X%=R.&41B[.X=R@#_6D*1A"O';GF[GE&L'=]$!58@__(F;M-S6M'J@ZPFBO|@O%DK5<1\@R4L@42TW+*@$FZ1*\TU%BZY[&9L0/@_YK?3Z=!P/G-MM:GJ:.^/?!Y+*-J3=@=^51^9Y#=YE=R$"6(JR:QXS-M0V08(&AA7"*(FN:KOI^G[)!]6+';.G$U6U>[L/7+54F@H5BGF0W:.^]R<-7^+-M?5AC,#?=/]POXNW_[@_'!25Y%*H>HLINL68,^-*72>(47@?D"Z4UM@V*H]2)KQZ+5)TI,MGOD4x%SRIN+A\X5L:CJT-^X5M?1?DXG"_H9H/>88|H-F6TLV;,:M%,!1B!DW!7B$\,!]YKX,LG%CYYXSVT06P6-0]?0)P7WL\N/+@E:IXPJ-BD4AO;3=*,4D-=<\%-M@Z-0.UL-]1@<(';Q;O^|>>GZ(#@O+<|&PEU^E7$*G)-WIPEM'P3P3$%4N(&3T-MH7#/I9+GIWQM'D5[+-I'L7"_:-N]OH+(/^AXQ!^>E"Y_"$G>4M&30(MDWYI&[-M()-2YUJP)7!E>0_(Z--4ZZ=WY-M7(A3EKU7,UZ#JK9%H*O6G=;-7&|*+N\T)B^202VCJWM2GX+&+\?JES^:=_;#D/K4O^-@-%|#_+6&+K?:GO>7WX7P4[8H0|(]Y^@%X9:0# MG>MB+D4VRGFT(#(+-5M456SF>FPX..OG9SU3]6CW;@^]5WXWW)W8L,D,,/&C0-M.@=0R#+X8"(PP96S(@?9O*+@5&<[^TE+?:K=$0#Z.UR)|]DSP&GG11H=&&#!?-M*.!.9)V"ED^4Z44F[TXHQ.3D8<_^Z%,YZ"A;2'XJN_&A\|#VM@DD#M(6-/]-M0+_^+O'"Z_8<$19XPNJIN.R[_=E*8^=>\8"'WY7/'#*I^+?KULDP(K@@0I(":7)M07EC(:8Z;37R%B1ES)%A0'39\QRKSM6R+?!+.76/=<?<)@],*G+H-M@[#@"K/@H_6>3A!E@=%B/NDE#M'I*5FC(ENLF_$@=`0QJ1*$5ERA3ZH7I?C;=9N-0NUL;T%C(/0W:%T9D9.7*<:L)7$N-M9-K=-?<0M!+@?%$*.8\BGT^1Q-^HVZQSO6P+O+^!RC\YH%G()@\|JY+IFI"\5M-M72V.).U47.$FFQ)3-T|%?[=NLSY5[P@-O6I00%GD(/*SD048%T.@;C-M2@KV?/(U?ZMNLZ[5LSWX7O7=^*!92*F8(R-&I+]-1G&*I(,(!1+Z8HEI49U1-M"^@KZS;K4^V,-#?X4H^]*TV<>,K_E6@-7C]2K3:H+$A58C9R+9%F(?]OWQ:Z[S3I7RI;(;ZJQ-W5V&69<[U74[NY]3Z;]PGGQ"T_0?C/NT*?IN^$B>(0^"!3GL4-M7@GNLK(G*I4^LN^FKB5\6+&YY^MU'9V17'IT&ERLI:#6,_#UY9[T=@I%YW1\MR#]OY[ZCR[*I0R1]=]=C,Z,.O(OTQ^6*SK,%S]CV%YM=@9]5]H>EZDRGQ.(M75;=URHLDXA(%)-H87,=>3$ &$]]_CR@:"NY=6,V=@8%?<&X0<]#+!IQ\9>=K-M(9Z"(.I_D.(F6LE\TL7T?/?,!\53-+^,V_WNZ)9E[%A,J# M)E.SYB\8%(")I@FA@CE/!\@W!L/G*<>[R\)VJSVYXDE.V!K0BAEB"_J,R ?R/(6AF,T20@T\0^Y+OF*1.<-M"!'-F=M!^O8ZJ*0>W?U%9*OS9G\8<<91=LN@0MT$SHC#"-'B*G2.ORY1+!\ M!2YH:!1\TO1TM,B5R7PJ?'33!"R8,)^" MQ0&1NL,,P6X*9X?XP#QXC!'J4Y40T3++PX#[Y,'G=B+IJM0P2T;L2M^24MV%W:B;IBE9>@.2?:9=T"%B@T\H%(]X6E9-TP2=_[W'G[>:I[*.M^G:N=2!J?H_VS"6%,PRR4V3@DC3@7.+U'8&\8>?)\|/F!DN9C)3U9VTA+21_,MK1XD_=OO6%WCNT=((NN@F"_JZ^J&X@0X52=:.&;$\L6Q0?G@)SY^WIZ$IG(_MDG<=B%_Z+(R-5E^+88KBTQN6?.6T_=4M(\HG)OPZB\HP%MHQ)$IA/=/S4W&2FX0(D911;!Z=0%<>,GSDV2X)LV8W.0@SM-QR1CHZQV4N@@-MJBVD6X|S!2%IXD$L=.$5ZY@]>>7EN0^0&P.K4PR0&R/C#G#^U#0R+Q53@2%DMH1RYXHS"[6PBB!(BL\)P*UIG*\A^X-&863@^+@Q-3A(34IW\W.^-M$5KZ1[.H0XRX(_?6%_3!(Q|P:4)4&+=-6JU4:B+->9TK"/M*&!72CQ-DGS-M-K2UON&GD./L$S&J-BU?'Z_U"S>:?%(4)0<0G2-P-*"\,N*0|.,Q&.IE1VB%C-M,;|!Y\Y3-P<*;=V.@|/[?,=<>8\K_"-<[$Z0O?7&! >2[VHN0GW'8!.L%L$K-M'8MW0S#P^*?WZ/8?CX,&G.SFBGGW.|.7E#N8?E?>K%?7Z6|OLC&&7&;GN:GS-M?NJ>"DUG*R6E@%P*W|H]V6[>KQHCL/41!+I%&-W5<:+@";E#**V?"A.KAV% M:\2MS&/BR=*A6F^G>X&D>?NS3XVN0V71#;2NAUOA(ZK"%\)I+:7+$$O-O+IL-M(&092%?(4%O.(LIIK-?UYO+Y7_OQ++PWDOKF0>A@@6%F0Z8L88&Z*Q/4IGF:W<'DM8!E@X'MP'IZ:70&LK?.,2IO=L6I"Q$LU]YG,.3)@S*UL1,!:#DD+S6W,NHA-M#P2/?OC<-7D+$+3A7->VXWY\5X^QR*SH9%4!RTV=R%TL1(§"\"H6M,Y6)MO8-M9'Q+10>6HHT+2<^?Q\=/QK"RABRSQVKWKZ3/^DI/Z5^-#-MDDH50]*YH<[CSZ":,7(?TT+|"'M?PB-EBDXZ#UPHNAYEEN#IU!TF(22F-M&!%*E93V56.X2C#/U!B.X5(7?N3SKPF|28[:+)DZY4.]CJ>(C#/(DADNC0TA-M3_,X=UR-TBQ5R(=8B"GDT &LGD6J_4,"VC7ROBNW6VU^76^7!;P_5(=MNR1F_M_K0D7[Q$BO15X:!+(8;6;111,KU[<=+%>9US:V>D">$]7F(\0FEXLG8BN?8-M9G(*6:;;H[ZVBNH41@<.C0#.56NTV03P?1'FWCY, ,)8,.X/2@>N-@+6)> MQEB* "WK(K=$%P]%)P9\,IK;0*<?K1\U&Y$^=]HH.IC.(=O>(.(T(24;'>0&M-MLP(E1(" CM-AK.2)EYAMZ[D$SQ+4=WG89/ ,)8>98_=L\U%/40.NVS?(@:, M*=H(.6@)*DI'\1F/P)A-QK.4RJ R]V\^N.]BKD/ <#S_.K H=^_[FS3O7V^N-M-I6IH^QH3EFH#*Y3'&94N!*19^;cX=L0_F\>TA.Y6/4^/0M1YL+>*"ET@*C[=_TQFI2$-ML4(7B(%3-!I>O-%8BZW=?]+(FQD[IG$UM)=XY(G46ZW:-Z$562B=@*'#W% M13X02TW0HJQ.W'NR;$Y*58'(=" ,/@2.DD0'N'K4\O^R7]?1"D6^19$6$V0Z-M(87FG&X(C0X*,_I['RC$:FTNFQ$_+#'-5A&N\PBX?V0O&!8C8Q-0L6YS#10"M[I8\.B,I[HO)H#]\)"/25I&$H//OWD6.%T0&VGK@##E*KK&,6UF30=#^_$MJ0-M9^T=&%\|\VL!=^[4@#73;>S[*ST,%6?UK-&"B7W7:.\;E7;C}.LG-NE%?N3S6K+?ZBF_.B_4&!=*E67L0M2@;'I08M)-L:4QRRL,3IRF;N[#18#0,Z1,\4A#=N3/|\VP7BD=A#..-@%*^_M30ILG[<YRPCE-GM>'28.WU=.#@%8562N99ZX[6@XF=-MN%?#9.(ZXSP>43P>9"2:^3TAKJ.#903E"H4F(^P[4P.+SES>O5CB!W[@*F MDV*$A<@Z0.==%?LWUG-C_NX+'>TC?CN?E"\RI[M-B_+%%*P# ^O!.$(=9FT9-MAIBPM:D<1^'KR_?A$G_%3:IYWD"!=K"2SF1D-M'?@=:#,08%1BAC7=8'-,M+ ^%O%,Y=>W0*FW>L8#J W;-J]=CY4"6;T&O@RGI0-M)7EP+B*Q4B+7*+@T^I0Y[U#H35AT=!j.=ZQPSB#$_W.XO-J0_]HD!?_PPUKG-M)\E=I[$/W>1O/A$8/*9L!53K$/Y&.@HPNM'=\"?_,R0 W3+ON$!?H M>2@*"EBWTBB3"AT"1#1269B5CJ_(/#'/[FKQ/P8]7TS2N%PAO6P8G,W2D(*M[4,-"%B0D6[(8B!@\(I6,>7:LZAGT|R.OF.9$HMB@O-M00M%9)-3#HXG\HN2BL)YXQ4.>K0[K\6]HX3UQ%K5,9SK:KLFH-#?<5M-UMV@-M*N8,P20$&7+QG@MNQ*"2MN;,-2=?JSI*9$]NUQS#O[D%?V\?;%*>'-V0-4N]-MX9)6X#?Q0!1N8I#GD0_*BS3?ISOY6M6#!7\P_W]9@G6]B9+"&S0Z0?&6@]*(M=$$1=.N'KD,AZM_%1>S;6GZO:\/H^CDV!R/=F42'64="$2FLKP4DRB+Kx)%>$ M88:A]$,*!]Y\,"]3SD8)YKE-JB.XU(,.:T#^TVT!HG:,:/!<=@%LKZWNF!.^, M!E;K2GWQ9-KBV%#LIWGW*$ZATLM!?X6_X)^?'_[MBR_X\WIU^8D4A-51\#Q ,?5F8G7UM_(%G Q"IR"U>SCO[NGZW%?W$D0=Z"< M'Q;L3L?T[B&U7'WX8_V?&#;,1=*.>JL3'\)QF99-^,2P\#!*,#5O0O%B%@&;9\9|:7S MU+;-A;-T]ACY\P@V&0E^W\)Q99F0B=B%=TR8+"&15R<\35!(3R'TP32#T-M]3OGJ4R;!4$';K|["T_:;YJDE MFP4LHY@Z,T3^NGP2^!3<<9TXMG4*H- 83WW^/!5>$\"A"0/#@\!?@V"%'P-]|8?)>]JE1>.Y-R XI^N2.:R+ MGR0$:5B.LBAC!E\K{!]36-R^TFLH@',&VF2W`,Y_6FTOZJ,\/CI 9Q62H K#= M1%NFCA;*TUB5L&F8](>++$46TW%CIM.%#KH#'/WVF0443 *.!]SJHY7VT,^VYQ#*AVY$M(WPK M+4"56K52AT MM]I($7RA*,SFDF*,P7*13@R\/6DS#0^:"6^!R.-<8%;SU@MFC+L>Y!8AQ8G-MKB"(8"$EK5U"TJZ'"973 *T2-]-$HCFA-EHF9P*VFM]>:(H'34%2(U/K@&$SM-MP0?/!5&&;+/6.L6*NT+8-:]YGB225R+DA;?!&%*=87G0R(8,@O]39#%)Q^MP1B2P:*X,#VQ9BAMPY#6>T9Y4HF< =*^]VGRV\,I9YV,GH.QI7C9G +R%\5IGS@7$[&K7-B-/U*@,4BO#O2@4-MDK=N+WV)IF'PZCW1/8D$>D74TQE]Y!Y#T1!L'3"M$B,376L0*,I(H0VIO52 MP%$$#L-;]RGUZ64S_VO+LV=,2<*=@I@ITDLS:L MWK'W'"T]7O=JL&{6AEABSZX403E1}^8X,I/&&PC>&,]*H!^TG@)_]*HKT7N&MOSGG>T71W3G@,G,O&0>>ZYF4+=>A;TZUA0N0Z$X&)0@G?,^6&#">}8U\|*VGLDVDL1A.#R7O/^4\CDW M^.V>-S(O5D=C(-8(1FFG(s;2+O4*LKI D^O6R=G11Z#X+F\!TPKHS,#X>[A M0X@2L\L2+$=/SJQ-X\U+%%ESDYV*5HG63U%C:1P&P7-Y*)A40N>&P)]7=LI9 MH56MGXZA;KK"FD5DP)1!SF/P.>0Y$3CTV4"?Q[Q!9V7A==RM%E(SU!E\5!(<>H;&H1L^%R7 M6@ID).4D?:D\I$X<*$]!R'4*R=8(.D28+5 M#4U>A*Q42.&DL#OJR4N>9Y$\C+48?_$/VT8Q5G$/X/1 M*^)GO,3K;(=AJUS>;HP>\.S-D3Q[AYB"&;G'(F#BGK:M.=[\QT0/S,MD0 MC8ANV'C!SV"R7-YN&C(_7ZQ=.T:$B\)B+-T:D\G"C M[%1P&OD4)L_E):*M#'H=2__N\A-NWJP_?UY>fOS(fU;YS7!5CXVKM,3M+V%3 MN? %#Q]6/_HKFHRP/^Y@C0;;/_/]=<_!Q7I[M<';"> K*B1(<*Z"CXF2D4ET" M2(&CT1EM"L%F;-W5,8K 8ZW:;^D3YJL+?%?^XRIIKF+^"Y>+#_N1+N]'EOH MHLU&! $1*0=UN3<9ZB1(@9,1+G"K8NO-ZP/(FG?0_G0H>FCS6DNH@ZMTUP1=.M5R=]C_'R=B*]SMR6P!+8Y#VHZ"E4#MJYN1BNL2.RLUA]A@A\P*KN;@?PNEH MWO<(H/TP7.E*H8%T.EF\BM%!L^$ \E=E 6]RK%U(NO4F8&T?%"?@DV!W"\M!^!ST$N0C$Y-!CK9"_J1@H68' 0;.!8G+=K6 M&?SGZ.D,0H<(_"&(6G%_Y@D8OY);^XD"$+KY?\/-EV6Z:ZQMJB8T"Q3,*(A. MYJJ= ZM);"HL^5,F83A!1=]T!?-N\=!JKNJ/8|!:LQ>L5(PRKK 0.P&PB?K M(')7(^F>@HUM,^;A,_<(_,9"'0J7S@\L V#>K,/%!]*HI>]DA7>'V%M) M,:.5Q14= IS4HSDQMPH@T42MM*S"#)FR\]3G=PJ-0P2X;LS-N4W((G>DG^.> M.=!WV!#PVL_]4,B-1TG@7"[SH)(BB-# J7\))+?Y]/#I]_'SP6!1X20A+62!RR#9O,]^07SC2]?$AIM M^-G#*I@L1FX-B:O_T<}]V M (2;_6&6U)'"6LI[8DCN#,,]R2.$9D3VY}:,_N05_;\N? M#MH0M0*DK/WNY.T'"85#M>3%I*CX?1\D4=ZYDOFD_WA,EM/P<"9D?#++VU[_>_/N M-FR-3"GC(;,P=7RQ!L*-X(-$?S=SYSGIF\FYX/9T\%[YD_K[?9> M\T!9[\)"/(-KDUTL>':U;/+](? M3-T\ZZ5.57.OD92ZP[_^5'!M|M.8652)"M.HR.@K$.%"=]9%IDELA.)MFZ-O\9 M'A"$&MFW"M TORVU7]^^$*_W!8M83',*.);<$ZW M>]"[-]ZGX-2**505CQ@O3&U#P056) }]7L'MV8&3DE.H(6W.)C,96T_.>920[H!SB)"?A\X!')\YU_[NCQ5]SJ?EISLM\D6C MY(D(+UCO7?K%URD#7"*+ADBW31Y9[GWI/.LR3_';>CAO>P"%?D,PI1+J,G,NM$^'9V@S>HP,4+BDNF?9ID 49"HLY+YHC!?>8^_@8A=9M_^]OLCDY&_?OMW; M-31>,Q,SV,0$*4)09-(4@XPN>>?11#>D3NOQ3^] W(<(ZIMDW%%;-U?9R_9D^[[JH-7M3ZNYPSESME@]TE_%20 0>B!%"HVM1=?/M-\^S-_<4 M|*17)X9((^$SUB?%>ZC<>;)'RJ!)W<<1#1%B^2O!PT'3W% ^ MRI,$S&=:|CI?HNC5[YUZSNEQE?+M*_VMOLGQS3<2TKH-QV8V"!^6E!5.OEWEY9=EO@H7U_@WT1.T 4JN3U!"-M1<(_-[OR51\3ENP&=<2^8 P>_?)Y%FZ?XNHXGM>]@>7?R\M/[_'BFCGD@WU8MWWL8=4$Q,ZT'5DJF4!H1G'8"3'(A^E!B.E+T.Y*L^2Q/ P \/Z>&TI@9.-\O M-YCHC,?VU!1%*N=.S0_2=6RP;JBO#5J.ZV#(W3=-*H;O?VM',&DIV'43+I_L MHKPTS^6GVZ$_I$G6FVA8BV^^JI 3$8!#SE(%1GC84ASX^ O'(:.YJ/^3M$8 M.PW39T;2O\EU^W7|!VYN>WENVFW>A-]#JJ/G4&@KZB#_%$!IG=!8]2+1D;C" M(E-4?DA+]6IN3X>2604R12(]_C|14BXOW9QM<7M@L=L9.+0TRM!\:>/#)P- 4JR MGG'NM.)RP)7US%?,4P3WFKNK%6?G?&>JDF$=-^?787N)WR^WOZ^WX6)7%OHVMTY&698GY'W_]NEE_W(3("QF4IT#3 :.^S$%349'6#]'O=I3,N6(=1#(#,I"^= MIU;E-""-COMS1UHWHY9_7&]^V%XN/|?Q_N])2_)RH|HWZ^TEZ4EP+FDZ 6.UM)RI)#2Z3G@C"5IKF)=E)P&?=D\3|LGBK&:.^5$@S6[1;+V_D(9\ MRX_T/3=ARF[:,_*GV@"=+103%2C%Z3R6/$L;2N:9$3_3D"SWD.\:!J{S37$W M9W8'EHMBCH28M_5&WTW&^TO+R^N:|HME.&:,T8G"(7.(C+:%MXEOO07J.GF'@.L,<>7A=e "%I[U+:7(6+&JFLOBPWZU4!1;CXIN'Y/S;TDT7R M=*O3_\&9#'$OZXN1@STK\X(3RMG5/^"@"AT'OC)/NTXFKEPS%C?6F(^YS MM<&T_H*:6G#QYLW|ZB92.>6FP@H2;=4#$B66WM@(81BH^21#<0Z3Q0I$@A\.JE\L8H?$#",&R=8:;_!M3]+QY%I;M,'$#4/@&;X7 M3"NF#O#WW7:+E^_Q|($H=5GY{AZ\(I1-8!(G\-?^V8]V']7?JO*SKD[KS;MZLO9/EK M2CM=+K]A!O5_C=I%_ @A MPX!UAH\/[=C?#5,3KS8/#_CWZ,E_7&Y3N^A-!3?;Y&_Z]HM0&]$R"1KT]=@ MTBS+U+55AAN,8+(EAU!|LH@1*6,TB$1,P0=B#B0X2S;I2N15MW7MQ] MK)TPUB%Y]+DNL,C)_G\!4R1WB/!F56#5KCVO3!*OO>EK\]@V6O1%9ADXY MXDQ5(F\M.*](DWP17)?(@QXR$.S,%X:/$NK(A>%C.-Q!UN9IS?K'7V_")7V<M,_YZ5VIZXN9OY!T+E=KNGB=61VS$*5U?N= 4N===)SN% MY3]E[+]&Z!.'O%G?7&3R2B(44?=NDU*#,RJ#9CP&1K>|;CV!D*(/DMJK\%3 M0Q@-AFX[F78 W:>V)GA7E'$%@?X3TJ2P@?')9T]V>*8S*TGA)QS(*2R59O M3FD=6_"^3PCM=4$PD!:E#4*@KMT$ 8+A +J')'YOUZD;2=`D0]6+ FHAZ\G&+D0_MW_L#T#X(5B6]+P&SD.M5&0%@%@O3*S<TFE"B*W;-\YJ.%%)6SX+&(NN,Z%=M^/>2+9,V%W(>A_\PFX*#JH.K\;M N2^&4\:8R)L*L++<\XF ME]5]C#TYAN^E[^K5#3]0N.L).7T&R/D%_[S\\ =>?,&?UZO+3]M%,#'[6@&Q M"U14L;69Q"G(S,; >1,ZX6BV@'Y"T\+M[S9Z>!EE'2>(,D+9"D>\0A76@3? FY,>\UPG09=!W+_/"\%&,'KLV4D M@YSU1&DW2D7%"$'7O2;& LT/7C^FIS?,0D MHU:6\ MRPEB74JMG*:?256'.T?MI=4.I.:BHW%?_>Y0Z@=1#_SP\:'S[A:D.AO[80 M7@0C?0^D?X!BP@'=\@%DT44CQ=':?=*L>C*ROWSKOUM2Y<74@4IV?&U4T'Y,U! MU]M\!,#5"2D<1G8,BA=)#B!H0[!Y5[0^?7#35J/XNNP,Y[W""^.4.#N!-,X2 M,]]$R4E$Z]%)$&@+G5CZV@D4@<(8G;G+V3VI_&Z(OX,R6),M=NL/CT=)ZRSQ M>2?.YBYYS\G8VU!,W;%9YYB)"SX+$3V+L8A.=ECZ9AY85- H#QO1.<*QZ^A M.85.06-00 I8Y\RF#+'D6% KM_I%-- /F6)X/"4S#E,0?DUI@^"M:X5<@TG&U.TD'EQ*!ACYQLKG:%@9,HGZ:$)F&KO9,R0/$]*Y(O(V%6#]FA(I M,YTN$J^1K@//E0#G4R[DH[C"AJ20CR9DIEF=72/R(^&=)2+OY!!,(JN?901M M75T;Z2$$@L8IUCQ6D49IS.1(W,Z[0=X]HO' T740=72C\M5W4&P;_>Z'3-Y M-XW M62*<0492P#E=2%&%@%@WFKNK%6?G?&>JDF$=-^?787N)WR^WOZ^WX6)7%OHV M

J2#KF8PH@#=KB0)#;+/CNA5MK@=I1Z^*2$_G!&"BS4H1R M]JW1Q@>&6%0"I+>CXSJQ 4AO/,#"H4"'T\B;X,U#K2:)VW+]XW$0/< R57.P M5$8'R13G FAD4O5Z_+9+%W=CK 3B0F##$-CN5]<.ME4#MJ'5QF8G\8 R26549WZ5.E4M4X, @;2%*NT%$$=[<5S1T(.R=2.7Q>7G>@%DFP4^Y]_M?V7MJ.Z_FC]J_B3]7U|\^._IOW]\^?AB_.FHCGNO]7^SU<-B^"MKYP_S<3JI MKO2-0W_SDWKTW7^JZCK]1C5)57K7X>!??N=G>C2N7RI=CQX>QX>28_W(\?HF.W+')6+*_N+A.J";.P#:=8TX0X=3ML^5TMJ]., 1VD(").? Z/6:5NOUI M&X].!#&N#'66IEY*SU&OE;;.O9TQSDYM+G3|H;> #[L7R-T/GT_TG7N\|'K MRL17/I?UG6:6"^<=@D#)]I*BWT?_E"C!/)"-((CY.M/)5-PK4!GN]<^#]B]0 M!L"P#1W>50|Z-+EC%M+H_<2C%)51"433:](F7>-F+FJ0'D[-?=#=*DA91F4$ MNLIM]0%0Y]F"^^QG?TRF7H]3ZOGCY+NO&Z_WMZA56G,._^P?CIW>.Q7U<.PJ4 M"ZFQB4- 2XN!A8+&4Y7$";.<^A1PK8UG"9;#%[H]C?HP&Q\&5+A^B9=_Y>G0_M.;X&T_^<1ZW#K]'D_]VNOWT85S_^P[M[O]+92Q;=9X2B@5G]5R$TT(QHX+VW M2"I%F0V]\K*;W*VXVEOU0-]^$G\89:.~'17]K_FBU6Z M6IT2!F\X =A+!RCA'$BH&9#'16\-80-3Z<:.M:&RL!8B!X%+K22EY>EA9 R+B/I9Q"K5I@?]VT0<1&CT1^PQV*XA\/9U%]B[M:CQRC?Q=-F&1N);!663B21FF:VW<*B:IU %GAZJLJD OLT7(D[OJ.L0?_7T M9=@]^U R=/WZ&9FL/SC^+)<4E5@&Z@/PZ76\N(8,D$1Q8 VV3B/%!-M7\=&=-M025=C%R8IJ5(!P,/P -=!SQ6WM9RKZ0!"BE$U("E? T$3TKNP#]#49"]^/YUE MN8_7.T09$F6Z8+Q9=Y_!X /@S=MJ&K??Z+%_KB9+3597KP6)%G .*_JC?Z51 MNF(K"+!*BV"P@ CG[HRT4Y@RGZS>N)/'Z -@S\=),U:CP? OQZ&$:.T>RT5,8R MXI'QT=G#&BZ548J D-[N"88SYG+O/7L%*LFIHU%^8P_ "9]\)DK6WC\K_Y]?Q/FD\]C3NL,.9&$S]='=4RZL@D X M%.',0;R>&!I8'Y=KU3..!?00.(CC6N6,@N1T L\TL1+;N&!=C[P;0FRO+[SW MT*J#\0= G_AAGSY38M5/1!%D5$" Q<\[H,.)1?MTY9P*PD052>Y[BEL%&0Z) MNJ"[63!WLJD'P)-Z>+/8)] .'%7BS17;B]@O: #[8K=.:LE0*'#\6 MW(AH04=@>DS= ZAH5 P"'WN<%]V3?)\MRNR?'J()_>;XX>E&M;5BNQDRPS+ M ':V39,UG:;2H9:0^A+H.26> B1!)2KZ&!XQ("'CFN]M;$T>U7Y?I%;4.RW M9R-[UA.0 ;QE6W<(%GO[21OBE=0\LLH3P;(_%K1%'U9/-MK5TLDTXU_"8$L[12XT"ZT6P^]51KNK:S^H[+S066,3/-M.M8TE40[8)P7P.]B.4>.]:R!WB/$;.\6VMMZ-/:>^E1VH 7PCEU(C0J&6'J4; MN:E?OF5 (4* #8$9[2#Q-/LS+>V9T]N+D+TSIX-YA]N^LOE!:L$RII MRZ18_MMT!IU&1R Z..4^1SNSW]Y"GWTF8^Q%_%F#*9?U!4>EM-FA5V&__/95$ #P5% MLR4$02"6PK+12!!Z$#B/.STW/*C<%R[WR5-V?\]'^DXZG0A!X=MX3=VLKV=? ML,Q_.;$?O_K9;.S=ZG(9U- JJX' 1 +-] @?26@R8ED(J2W50;.]\]UD* 0Y M%<>J#Z,69L>.W?CIS(MP4AP!3P6<1TY08$RDL2?(-$2:RT)ZN[@?"K;1[.7 M[U%VLP[@>[3B^POG[!E^\?QO1[@ES*?M-:2P%54**.XPP.AXY&@(7N;N,-%& MKL&Y.AU9L.T^1$Y(!B"SF[D9C^PZ47'TU'E<_4EKZ0S7],>^X^H_:NW?S:7H^ ML\Y]DT][EO+]AM7H9=&.7.ZJ"Q\@QHZ[#&+9 ;*9%-"ENK*[HRCG%- "@)B#2;,^=MIW3LD.A[<.SE*DDZ94M&2BZAHE+FY#L)2 MKW:AXU9JL !Q1,.U40YD_L5A8-"E;D>Z=T#R@O& -AU,ZV^C{RB3Y<8[FD MDZ_OXC;IO+(2,$?2 XPA+A)O(7 28PZ)"C[[S;\=HI2I'NG?E\Y@^&%X0[^/ M;NO'8SWQU;R.YKK>FF>ZD]IJ%2P!A*LFOQ2 @C95)@>)'K U.:=SB.]9NMC)% M(+U^U7HP\P#VG_W)R3MJL-3*(:!D/!%0XP@P,-H.!IP.+]KXK3YO.KLC4CO MNU%&&(9.,[**JPB;.?4BNP>*TN-2$M1.]6&,.RV+@E "AEN)0?.T0B]ZD- M(L* 4\V%D YSDON6Y Y1U!$(D[95%L.)NP*=(0%8],<<083%+W\+W_G -&5O M3^9D26Z.EHX3>CN?CE:WI)X!\<"$Z/G4 OH, C6LO26D0524@DX8=AZZ(1M MU9-[!R1E+S?FID8^>Q8FQO,.W&+G\VZ=B;N:K/-MSU)PK_-S=Y!"2U*_*QGY M$%>"MT ;%@ RF =#L<4FM"!0%F'*7FS,3;3SXS.,D%#R[8R..CY6=3Q-UHOT MC-73Z:^HG/VFI_=QH05"+/7QF"H%]8#"D)P_Y0"Q3 GMK$>.;[!EN_Z[UF:SL M;<.LWI;L]BW/FQVV:B(3=Q)"9A45 #D< *7< X6M2*HX[!DP3/=\$FWD*N3 M\0Q^]/'6'MZ[!D8ZRY^LXVS!@*&4]&)E@'H] QI_(XKK:7%*.2^O.!'G+)W M$_ G\ZV[TZC*GXX^XL9?IT_/HZ,,@.]?]OK;Q_B!_W9S;SN <26 V>))G91 M(MV71.4;BK7 ^HO#G!9[%KZ M5+!%B44GXF @B@I. F6L!IS%#9.A2M#F$QBMN5'VXE@FV X0X6@; M#H@'=]G#JGFL5W&!: F.1*FA)[/["ZH 4HH[&ETTX]K4F.Z>85A<.;ZY'50X MP8P#(L-]Y_RTJO$Z"TQ'BBPS$2/BB.$C!<(6,2BKQ67CK%=OAHO)BE7N[_ M]M#=FJ4?Y*LFB=.S9RWLUQ1Z#2D'*NX5E)X*+%;4A* <2(@ SDH7. ' *K\U!W#V748.GJ6#]3].[#Q)\F8^^US-_NEG-WKD[BS!&C.G0. Z MZ@^CMBHEC@9+F4+]88X=U>5MK*5HU(AU$5=-0>*0 ZDE\RX%SAR MM/UGL[.V5$IS, OWHIYU78_"R#9X58L^3C?3% &=_9I5R\[WU?37 MJO665$IHP@&!Z?&TD.X&<"X @UA%T-G=)]1-9BWU:WWZ)ZW_TXK:@]AG20[<-*>HDJ6DP$ M$'^# D(#:ZKH.&P3CMPU? KF;8GUL3EFL6)@)-_.I 1:9O>]V\VFD3;KR_^N. M2,5U>KX>69,Z]OBHA& $"..@T=+"@-KT&MHY0;F[7GUP(8\=2P],KQ&3FL&D$[-M4.ZY>BC M!D%8J0/&VO'\V&F%.7B06?:>L0D&J.R%R7^0X.GS2!Q@?]G7(\'M(95I7]GFOE/=O2:QW.A92A(I"B16[G=VM9[W:-NMZCY=MDI57 I& M.05<"68VBA;]65^B2U-X0JXZ#WQ)75EM4O-./X/CXIM[II ME5Y6_>+3115?I^[-B^;>S'&B3=2*HY3]Y@9('14T$%M.I<-"Y:Y):"?94%EW M$BV]WC$://-6/<,M$5 %N7P5U4$*-#,;"&\L :XD? Q#-5TMT" > ^M'WM#;7C>1=7(E8>0@<[@'0>)H!RDH/L#+(44(# M-6WN.!Z>;EWL@02!2/-MUMR9J!SSV&]>A3E F>WSE.T)3CB/8]X_4H/WS]_HD@H/+&%*>,@PVRPYZ=E!7PHV_'-A1V(1=T0!!I0$[\H1B6'@1%*L;%0V[Q]-M2#L).OS]\1P$S8'BX/?*M9*-4[(R]\U&%,;S3ER%]?W@IP"QAD&- +1!$H"$ M,+FI67:1LXP#.5BB=L?PU.8]YXBZK5Y@.]-4QY+SZ-TG'JK136!%MH :2!A M$#NL-Q\K[#ORMI:M3)'\T!C9$:N,39_[)BT=A,XI0D$0\5]4QB.AI,@#0RRG M+K! !!NL;YF]4GYH_,N"THF^Y?O)\TVP_>^L64US]T%-W-M.WJ(!GTRY.'4_ O*/1\TP3;KGDBV?88CD_2=A3'Q*1^GNEO,\M!,\730[VJ. MW2-VW%V>#_C[Y'&4!KV-;K^)? _BO+&*^'K7(,?,@%JN5W,HB!?WG%_+YV;?* M9<9K8\PB9ZYN:&VWQD"PNHG3SJ8/$_=AK. ^S(/5RQ")'CDXX;;7$0%!**_[M MI';3?#!M#%G$$> ^\^[VVQ4" ^H_JQY-\>7? '4,7\6 [,?? -H4!?`]31P > M?:BE;ZN'Q^@UG[S<]HU;Y!+F4=*UL,H0%E[]-KK)_K9:BYOR01E7WX'QBUR@ M/'X)MK/28/'L"<8R[8$SH3<0T#Y.V.W.C!R,WUN"GD/ 6HC:'*LKVV[PZ9(#2 M2VD\?] D)K58!TTB+:-F QA';8O%IG@ &DFA;K?U7]G#?Z^?+LLH?E5]MHKU&& M -;7;U'9- ^GYA^0#^4F]M-]43^ZJU7UFU]/?V=Y!ZI1YDFCB;L9Z\EG_>"7 MM<=Y,>|%Q* (5KMO)4)T/F0$0[_W#X[CZY?W76732KA^3;@>W\B[LV3U/Y:[F M?:),'6G[=*AD>WJ,4YO1XTIOHSNO\WJKU=?OO9"B\/S%2UI/B<]6IN^M-.^W M!.,;'.&D8? Y#U&K@(F\'TGWZ,VK#+$*#[8^*FXU_WJP?S?'WU,#L=MZVCMMK; M87G4]IED")"]_SFU-].1S;"^GH9J!4/ M&.#9.F8KC :0A[QMCL)@O5S9OW[_UZRATMMOD_L;>[]V=V#H5M"534VV_TTY MCAG;*UG>3YM\04\E.*['SU)^;Y8[YFE\";{)?65FC7GH?0-.#E(OVV\8GCMM7O5 MR@C_7Z=/>O%.VH+R5^+DK\3)4=A\KB:.??94#E)01LSE=[R[N]G2Z5.CC:['*I8 6A7M+:,HC ^ M*X$F>ORK'M5Y:IMV#E]L&/1$WWNG>0]C]W7VKYNIO9[>UM/W]6RT>) W9Y5| MJPF*58IV1?48LQ5& ^'H^6[;NO<^XE>X>M5CL%:YDB(ABR6$5I5Q3WFV98N+V;^]MJV5PB MZID>N+>-:WWJ9GO./,62W9D0;F/$ <+^CU$U;LQ\?' ZC>O!OTUWIZ:]/^DWZW;C.5J S*1XCC+#N<$EM/%VS-L MN0*"#(>P8?IZ6P3,?(}>'+85B(.*=1VVT8^R I6OX[GPBV_>G5YG [-LRD=, MTPKD086^CK?A4*N ;K[W50'T-IZ2 V7+XB-[4OG1#ZZ>U\-OKNW\9MXCX]NWYJZ":?]8AD]\#EJJ_V0E$=9Y?"T-WX*@-.3Z,4K"DY M,.MJC^+EBWRB2)^SP+$Y5KF[T$>"LL,(?]4]GO-+|\U=]XE_UB<=AX_XKM4"/-MY_%3E\? +D8J54>U;'5N5+0W=>+P6*\_2V!RNW&=[]FK-KJ?!N7^?M;<6IK4 MDW_HN'B_SA|>%G&K>C;Y->/TSMCCV(S_.>.F"UPR"EHW3_GOVZ^C%U=1(Q U3;QBO78;G5MK?"!$,!IV=WY)AYRL7Q M]L"T#*/;^IQW?1P_JR^-TYEZKD'N%MINNW"7-(S$_VH*%H?_G]/W$ M?4CM+J[#6HG?II,D^-OO4_?/:SUP& G2>=!A+_SA\JWS& M+LR5=+SZ.%G*ORGHC[!V2CG-,?WO/NLP[@T.K/E9',7ILL_HH+WIV9;^1[U MB'^\IGT&FAP_6S&G, \],IMW.+O(57T=EFI6;?0SH9 MNW09\TKPA;P3]_J[N=CX/HQ=H]O;:N+[=]X0RIF9!*AV,72/#$*'"T1A5KW[M[EQ]/:V>?N^CQ+6-^YZLM;F\RS]_H_Z2QC:I-;M:)P,E![VR$6U'/,7N]R:.MAT\9/2C]* ([7J2[NY%3F\W&*?73V)3*W*%HZT+N4-D^M].O1RE5;G%9^.,1K M)V^KKW[L[.VU2^GRLBB*6]=B78_6PN:.M"\5]XQ;S.+ONKH=M5'PM5K?53(!S7-_;'*M8EY3..VZK+_ JK1 M(Y<)[&U#%NN'TAVO/98I75.54NY1PN;4F&EKW#5FL38G'8$[8)O2;N>]H/_] M^WVVO7'GH.4ZE'3U,@^89T#H-9(\VR%R@KAM['++M13)@N<=80]A*UZ)FWU!W MCERN, <@I^^HA0Q6O\YF/9K_2TR8+4\;CS4/SA-N[48C"^*AM+G2/G*IECX\8V\X^Z^8@TC[]]]\;1RE]FN4Z2QTU5KL5(Y]A=%U,.#O_/?O9Q M8]N'3#'T5A.4ZS22#>O=9ALB5H@/*G;4P8R%D=^R_23-E\&O M/*"WG,.5WD.*/AUIO,$M\NO9-S_M>7UOGZ.5U$,*7!UIO-*K6IOY6$_C>I9 MQE3W]E%,P3FD<-9! Y4&\/7.0K:H5AA3.VF^;XI'_U>;?"\!#8[= "M/^]:KWU6MU>0;^Y=BM0!Q* &NO>8I[.QN>]ZG+;^N MK> :4@!JGUE*=ZA-#E72*!-@V\9KA=>0 D9[C#*$$'^65\V>#]0*H"%%>;;9 MH;@34IU<*KD:HQ4>0XK!;"@_C#+OD^$XMEX5#RE,,L RU6KR6W1O)F$F,I"E&V^N,=8[:Z$S"DJ,@!XQ2O('BZ_96O5&#[F*V@&U(8Y(!Q MAOKZP,=)/8K&O)WJYN7)Z3353:=7%38B "<^1,!GFBSO$K15(\,C!:^F>D6+ MCLU^=PY[2@1Z/=R;])+-Z<\3;!VP8"?<0UB\B#GO,4;I3,%:M)/ODFX,50R; MO=;>BLJ ;I=>C<=;]H(\ [7)W#SP K/9TSCUHD+\ZKY=:0W]U!8?^K"WMK;"C MGW=?O^D?DZOH"4WK]&+\;VCB7YJ.CS!!#0"[_J^2G.%W6[=]I6IG$,:GVO_W MD?VF_?A_^UI/1EO7QE8 MOYO)=LZMT)@G]D(&CBF;/1^-9/'^KK<+#MU<8O- M M$!U!>6& PJA\F8\]@H:AY-B[ZG'FW8>QOC\)GEUC%NOSF9SDVP1?#%6OJT&4CW&:(6V&M].'R2SO7OAL MR&+M'+IOA:\-,B=,!-@NTJERCA2[@;%I@$+!\ MJ?78^'/2!5$.G%9^.,1K M)V^KKW[L[.VU2^GRLBB*6]=B78_6PN:

0001111711 nix:WholesaleMembernix:NIPSCOOperationsMember 2024-01-012024-12-31 0001111711 nix:WholesaleMemberus-gaap:CorporateAndOtherMember 2024-01-012024-12-31 0001111711 nix:WholesaleMembernix:NiSourceGasDistributionMember 2024-01-012024-12-31 0001111711 nix:Misc.Membernix:ColumbiaOperationsMember 2024-01-012024-12-31 0001111711 nix:Misc.Membernix:NIPSCOOperationsMember 2024-01-012024-12-31 0001111711 nix:Misc.Memberus-gaap:CorporateAndOtherMember 2024-01-012024-12-31 0001111711 nix:Misc.Membernix:NiSourceGasDistributionMember 2024-01-012024-12-31 0001111711 nix:ColumbiaOperationsMember 2024-01-012024-12-31 0001111711 nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember 2024-01-012024-12-31 0001111711 us-gaap:CorporateAndOtherMember 2024-01-012024-12-31 0001111711 nix:NiSourceGasDistributionMember 2024-01-012024-12-31 0001111711
nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711
nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711
nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711
nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711
nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711
nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711
nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711
nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711
nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711 nix:PublicAuthorityMember 2024-10-012024-12-31 0001111711 nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711
nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711
nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2024-01-012024-12-31 0001111711 nix:NiSourceElectricGenerationAndPowerDeliveryMember 2024-10-012024-12-31 0001111711 nix:NIPSCOOperationsMember 2024-01-012024-12-31 0001111711 2024-10-012024-12-31 0001111711 nix:NIPSCOOperationsMember 2024-10-012024-12-31 0001111711 nix:ResidentialMembernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:ResidentialMembernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:ResidentialMemberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711
nix:ResidentialMembernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711 nix:CommercialMembernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:CommercialMembernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:CommercialMemberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711 nix:CommercialMembernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711
nix:IndustrialMembernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:IndustrialMembernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:IndustrialMemberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711 nix:IndustrialMembernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711 nix:OffsystemMembernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:OffsystemMembernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:OffsystemMemberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711
nix:OffsystemMembernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711 nix:WholesaleMembernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:WholesaleMembernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:WholesaleMemberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711 nix:WholesaleMembernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711 nix:Misc.Membernix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:Misc.Membernix:ElectricOperationsMember 2023-01-012023-12-31 0001111711 nix:Misc.Memberus-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711 nix:Misc.Membernix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711 nix:ColumbiaOperationsMember 2023-01-012023-12-31 0001111711 nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember 2023-01-012023-12-31 0001111711 us-gaap:CorporateAndOtherMember 2023-01-012023-12-31 0001111711 nix:NiSourceGasDistributionMember 2023-01-012023-12-31 0001111711
nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711
nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711
nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711
nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711
nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711
nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711
nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711
nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711
nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711 nix:PublicAuthorityMember 2023-01-012023-12-31 0001111711 nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711
nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711
nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2023-01-012023-12-31 0001111711 nix:NiSourceElectricGenerationAndPowerDeliveryMember 2023-01-012023-12-31 0001111711 nix:NIPSCOOperationsMember 2023-01-012023-12-31 0001111711 nix:ElectricOperationsMember 2023-01-012023-12-31 0001111711
nix:ResidentialMembernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711 nix:ResidentialMembernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:ResidentialMemberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:ResidentialMembernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711 nix:CommercialMembernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711
nix:CommercialMembernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:CommercialMemberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:CommercialMembernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711 nix:IndustrialMembernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711 nix:IndustrialMembernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:IndustrialMemberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:IndustrialMembernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711
nix:OffsystemMembernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711 nix:OffsystemMembernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:OffsystemMemberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:OffsystemMembernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711 nix:WholesaleMembernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711 nix:WholesaleMembernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:WholesaleMemberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711
nix:WholesaleMembernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711 nix:Misc.Membernix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711 nix:Misc.Membernix:ElectricOperationsMember 2022-01-012022-12-31 0001111711 nix:Misc.Memberus-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:Misc.Membernix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711 nix:ColumbiaOperationsMember 2022-01-012022-12-31 0001111711
nix:NIPSCOOperationsMembernix:NIPSCOGasDistributionMember 2022-01-012022-12-31 0001111711 us-gaap:CorporateAndOtherMember 2022-01-012022-12-31 0001111711 nix:NiSourceGasDistributionMember 2022-01-012022-12-31 0001111711
nix:ResidentialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711
nix:ResidentialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711
nix:CommercialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711
nix:CommercialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711
nix:IndustrialMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711
nix:IndustrialMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711
nix:WholesaleMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711
nix:WholesaleMembernix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711
nix:PublicAuthorityMembernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711 nix:PublicAuthorityMember 2022-01-012022-12-31 0001111711 nix:Misc.Membernix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711
nix:Misc.Membernix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711
nix:NIPSCOOperationsMembernix:NIPSCOElectricGenerationMember 2022-01-012022-12-31 0001111711 nix:NiSourceElectricGenerationAndPowerDeliveryMember 2022-01-012022-12-31 0001111711 nix:NIPSCOOperationsMember 2022-01-012022-12-31 0001111711 nix:ElectricOperationsMember 2022-01-012022-12-31 0001111711
nix:ColumbiaOperationsMember 2023-12-31 0001111711 nix:ElectricOperationsMember 2023-12-31 0001111711 us-gaap:CorporateAndOtherMember 2023-12-31 0001111711 nix:ElectricOperationsMember 2024-01-012024-12-31 0001111711 nix:ColumbiaOperationsMember 2024-12-31 0001111711 nix:ElectricOperationsMember 2024-12-31 0001111711 us-gaap:CorporateAndOtherMember 2024-12-31 0001111711 nix:ColumbiaOperationsMember 2022-12-31 0001111711
nix:ElectricOperationsMember 2022-12-31 0001111711 us-gaap:CorporateAndOtherMember 2022-12-31 0001111711 nix:RosewaterMember 2024-12-31 0001111711
nix:IndianaCrossroadsWindMember 2024-12-31 0001111711 nix:IndianaCrossroadsSolarMember 2024-12-31 0001111711 nix:DunnsBridgeIMember 2024-12-31 0001111711
us-gaap:VariableInterestEntityPrimaryBeneficiaryMember 2023-12-31 0001111711 nix:ConsolidatedVariableInterestEntitiesMember 2023-01-012023-12-31 0001111711
2024-02-01 0001111711 nix:ForwardFebruary23Member 2023-02-232024-02-23 0001111711 2023-02-232024-02-23 0001111711 nix:ForwardFebruary23Member 2024-09-30 0001111711 2024-09-172024-09-17 0001111711 nix:ForwardMay22Member 2024-05-222024-05-22 0001111711 2024-05-222024-05-22 0001111711
nix:ForwardMay22Member 2024-09-30 0001111711 2024-09-112024-09-11 0001111711 nix:ForwardSeptember27Member 2024-09-272024-09-27 0001111711 2024-09-272024-09-27 0001111711 nix:ForwardSeptember27Member 2024-11-19 0001111711 nix:ForwardSeptember30Member 2024-09-302024-09-30 0001111711 2024-09-302024-09-30 0001111711 nix:ForwardSeptember30Member 2024-12-31 0001111711 2024-11-202024-11-20 0001111711 nix:AtTheMarketProgramMember 2024-01-012024-12-31 0001111711 us-gaap:SeriesAPreferredStockMember 2023-10-012023-12-31 0001111711 us-gaap:SeriesAPreferredStockMember 2023-06-15 0001111711 2023-06-15 0001111711 us-gaap:SeriesBPreferredStockMember 2024-01-012024-12-31 0001111711 us-gaap:SeriesBPreferredStockMember 2023-01-012023-12-31 0001111711
nix:SeriesB1PreferredStockMember 2024-03-15 0001111711 nix:SeriesB1PreferredStockMember 2024-12-31 0001111711 2023-12-01 0001111711 us-gaap:SeriesCPreferredStockMember 2023-12-01 0001111711 us-gaap:RevolvingCreditFacilityMember 2024-12-31 0001111711 us-gaap:CommercialPaperMember 2024-12-31 0001111711 us-gaap:CommercialPaperMember 2023-12-31 0001111711 nix:AccountsReceivableProgramMember 2024-12-31 0001111711
nix:A095NotesDue2025Membernix:NiSourceMember 2024-12-31 0001111711 nix:A095NotesDue2025Membernix:NiSourceMember 2023-12-31 0001111711
nix:A3.49Notesdue2027Membernix:NiSourceMember 2024-12-31 0001111711 nix:A3.49Notesdue2027Membernix:NiSourceMember 2023-12-31 0001111711
nix:A6.78NotesDue2027Membernix:NiSourceMember 2024-12-31 0001111711 nix:A6.78NotesDue2027Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.25NotesDue2028Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.25NotesDue2028Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.20NotesDue2029Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.20NotesDue2029Membernix:NiSourceMember 2023-12-31 0001111711
nix:A2.95NotesDue2029Membernix:NiSourceMember 2024-12-31 0001111711 nix:A2.95NotesDue2029Membernix:NiSourceMember 2023-12-31 0001111711
nix:A3.60NotesDue2030Membernix:NiSourceMember 2024-12-31 0001111711 nix:A3.60NotesDue2030Membernix:NiSourceMember 2023-12-31 0001111711
nix:A170NotesDue2031Membernix:NiSourceMember 2024-12-31 0001111711 nix:A170NotesDue2031Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.40NotesDue2033Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.40NotesDue2033Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.35NotesDue2034Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.35NotesDue2034Membernix:NiSourceMember 2023-12-31 0001111711
nix:A6.25NotesDue2040Membernix:NiSourceMember 2024-12-31 0001111711 nix:A6.25NotesDue2040Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.95NotesDue2041Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.95NotesDue2041Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.80NotesDue2042Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.80NotesDue2042Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.25NotesDue2043Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.25NotesDue2043Membernix:NiSourceMember 2023-12-31 0001111711
nix:A4.80Notesdue2044Membernix:NiSourceMember 2024-12-31 0001111711 nix:A4.80Notesdue2044Membernix:NiSourceMember 2023-12-31 0001111711
nix:A5.65NotesDue2045Membernix:NiSourceMember 2024-12-31 0001111711 nix:A5.65NotesDue2045Membernix:NiSourceMember 2023-12-31 0001111711
nix:A4.375Notesdue2047Membernix:NiSourceMember 2024-12-31 0001111711 nix:A4.375Notesdue2047Membernix:NiSourceMember 2023-12-31 0001111711
nix:A3.95NotesDue2048Membernix:NiSourceMember 2024-12-31 0001111711 nix:A3.95NotesDue2048Membernix:NiSourceMember 2023-12-31 0001111711
nix:A500NotesDue2052Membernix:NiSourceMember 2024-12-31 0001111711 nix:A500NotesDue2052Membernix:NiSourceMember 2023-12-31 0001111711
nix:A6.95NotesDue2054Membernix:NiSourceMember 2024-12-31 0001111711 nix:A6.95NotesDue2054Membernix:NiSourceMember 2023-12-31 0001111711
nix:A6.375NotesDue2054Membernix:NiSourceMember 2024-12-31 0001111711 nix:A6.375NotesDue2054Membernix:NiSourceMember 2023-12-31 0001111711 us-

gaap:MediumTermNotesMembernix:NiSourceMember 2024-12-31 0001111711 us-gaap:MediumTermNotesMembernix:NiSourceMember 2023-12-31 0001111711 us-gaap:MediumTermNotesMembernix:NIPSCOMember 2024-12-31 0001111711 us-gaap:MediumTermNotesMembernix:NIPSCOMember 2023-12-31 0001111711 us-gaap:MediumTermNotesMembernix:ColumbiaOfMassachusettsMember 2024-12-31 0001111711 us-gaap:MediumTermNotesMembernix:ColumbiaOfMassachusettsMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:NiSourceCorporateServicesMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:NiSourceCorporateServicesMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:NIPSCOMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:NIPSCOMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfOhioMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfOhioMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfVirginiaMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfVirginiaMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfKentuckyMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfKentuckyMember 2023-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfPennsylvaniaMember 2024-12-31 0001111711 nix:FinanceLeasesMembernix:ColumbiaOfPennsylvaniaMember 2023-12-31 0001111711 nix:A5.35NotesDue2034Membernix:NiSourceMember 2024-03-14 0001111711 nix:A5.35NotesDue2034Membernix:NiSourceMember 2024-03-142024-03-14 0001111711 nix:A6.95NotesDue2054Membernix:NiSourceMember 2024-05-16 0001111711 nix:A6.95NotesDue2054Membernix:NiSourceMember 2024-05-162024-05-16 0001111711 nix:A5.20NotesDue2029Membernix:NiSourceMember 2024-06-24 0001111711 nix:A5.20NotesDue2029Membernix:NiSourceMember 2024-06-242024-06-24 0001111711 nix:A6.375NotesDue2054Membernix:NiSourceMember 2024-09-09 0001111711 nix:A6.375NotesDue2054Membernix:NiSourceMember 2024-09-092024-09-09 0001111711 us-gaap:SeniorNotesMembernix:NiSourceMember 2023-03-24 0001111711 us-gaap:SeniorNotesMembernix:NiSourceMember 2023-03-242023-03-24 0001111711 us-gaap:SeniorNotesMembernix:NiSourceMember 2023-06-08 0001111711 us-gaap:SeniorNotesMembernix:NiSourceMember 2024-12-31 0001111711 nix:NiSourceMember 2023-06-08 0001111711 us-gaap:UnsecuredDebtMembernix:NiSourceMember 2023-06-08 0001111711 us-gaap:SeniorNotesMembernix:NiSourceMember 2023-06-082023-06-08 0001111711 srt:MaximumMemberus-gaap:RevolvingCreditFacilityMember 2024-01-012024-12-31 0001111711 srt:MinimumMember 2024-12-31 0001111711 srt:MaximumMember 2024-12-31 0001111711 nix:GasDistributionUtilityMember 2024-12-31 0001111711 nix:GasDistributionUtilityMember 2023-12-31 0001111711 nix:ElectricUtilityMember 2024-12-31 0001111711 nix:ElectricUtilityMember 2023-12-31 0001111711 nix:CommonUtilityMember 2024-12-31 0001111711 nix:CommonUtilityMember 2023-12-31 0001111711 nix:ConstructionWorkInProcessMember 2024-12-31 0001111711 nix:ConstructionWorkInProcessMember 2023-12-31 0001111711 nix:RenewableGenerationAssetsMember 2024-12-31 0001111711 nix:RenewableGenerationAssetsMember 2023-12-31 0001111711 nix:NonUtilityAndOtherMember 2024-12-31 0001111711 nix:NonUtilityAndOtherMember 2023-12-31 0001111711 nix:GasDistributionOperationsMember 2024-01-012024-12-31 0001111711 nix:GasDistributionOperationsMember 2023-01-012023-12-31 0001111711 nix:GasDistributionOperationsMember 2022-01-012022-12-31 0001111711 nix:GasDistributionOperationsMember 2024-12-31 0001111711 nix:GasDistributionOperationsMember 2023-12-31 0001111711 2024-07-012024-12-31 0001111711 nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember 2024-12-31 0001111711 nix:UnrecognizedPensionBenefitAndOtherPostretirementBenefitCostsMember 2023-12-31 0001111711 nix:DeferredPensionandOtherPostretirementCostsMember 2024-12-31 0001111711 nix:DeferredPensionandOtherPostretirementCostsMember 2023-12-31 0001111711 us-gaap:EnvironmentalRestorationCostsMember 2024-12-31 0001111711 us-gaap:EnvironmentalRestorationCostsMember 2023-12-31 0001111711 nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember 2024-12-31 0001111711 nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember 2023-12-31 0001111711 nix:UnderrecoveredGasAndFuelCostsMember 2024-12-31 0001111711 nix:UnderrecoveredGasAndFuelCostsMember 2023-12-31 0001111711 nix:DepreciationMember 2024-12-31 0001111711 nix:DepreciationMember 2023-12-31 0001111711 nix:PostInServiceCarryingChargesMember 2024-12-31 0001111711 nix:PostInServiceCarryingChargesMember 2023-12-31 0001111711 nix:SafetyActivityCostsDomain 2024-12-31 0001111711 nix:SafetyActivityCostsDomain 2023-12-31 0001111711 nix:DSMProgramMember 2024-12-31 0001111711 nix:DSMProgramMember 2023-12-31 0001111711 nix:RetiredCoalGeneratingStationsMember 2024-12-31 0001111711 nix:RetiredCoalGeneratingStationsMember 2023-12-31 0001111711 us-gaap:DeferredDerivativeGainLossMember 2024-12-31 0001111711 us-gaap:DeferredDerivativeGainLossMember 2023-12-31 0001111711 nix:DeferredPropertyTaxesMember 2024-12-31 0001111711 nix:DeferredPropertyTaxesMember 2023-12-31 0001111711 us-gaap:RenewableEnergyProgramMember 2024-12-31 0001111711 us-gaap:RenewableEnergyProgramMember 2023-12-31 0001111711 nix:WorkAndAssetManagementEnterpriseResourcingSystemMember 2024-12-31 0001111711 nix:WorkAndAssetManagementEnterpriseResourcingSystemMember 2023-12-31 0001111711 nix:CustomerAssistanceProgramsMember 2024-12-31 0001111711 nix:CustomerAssistanceProgramsMember 2023-12-31 0001111711 us-gaap:OtherAssetsMember 2024-12-31 0001111711 us-gaap:OtherAssetsMember 2023-12-31 0001111711 nix:OverrecoveredGasAndFuelCostsMember 2024-12-31 0001111711 nix:OverrecoveredGasAndFuelCostsMember 2023-12-31 0001111711 nix:CostOfRemovalMember 2024-12-31 0001111711 nix:CostOfRemovalMember 2023-12-31 0001111711 nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember 2024-12-31 0001111711 nix:RegulatoryEffectsOfAccountingForIncomeTaxesMember 2023-12-31 0001111711 nix:DeferredPensionandOtherPostretirementCostsMember 2024-12-31 0001111711 nix:DeferredPensionandOtherPostretirementCostsMember 2023-12-31 0001111711 nix:OffSystemsSalesSharingMember 2024-12-31 0001111711 nix:OffSystemsSalesSharingMember 2023-12-31 0001111711 nix:HLBVAdjustmentsUnderASC980Member 2024-12-31 0001111711 nix:HLBVAdjustmentsUnderASC980Member 2023-12-31 0001111711 nix:RateRefundsMember 2024-12-31 0001111711 nix:RateRefundsMember 2023-12-31 0001111711 us-gaap:OtherLiabilitiesMember 2024-12-31 0001111711 us-gaap:OtherLiabilitiesMember 2023-12-31 0001111711 nix:NIPSCOMember 2024-12-31 0001111711 us-gaap:OtherCurrentAssetsMembernix:CommodityPriceRiskProgramsMember 2024-12-31 0001111711 us-gaap:OtherCurrentLiabilitiesMembernix:CommodityPriceRiskProgramsMember 2024-12-31 0001111711 us-gaap:OtherCurrentAssetsMembernix:CommodityPriceRiskProgramsMember 2023-12-31 0001111711 us-gaap:OtherCurrentLiabilitiesMembernix:CommodityPriceRiskProgramsMember 2023-12-31 0001111711 us-gaap:OtherCurrentAssetsMember 2024-12-31 0001111711 us-gaap:OtherCurrentLiabilitiesMember 2024-12-31 0001111711 us-gaap:OtherCurrentAssetsMember 2023-12-31 0001111711 us-gaap:OtherCurrentLiabilitiesMember 2023-12-31 0001111711 us-gaap:OtherAssetsMembernix:CommodityPriceRiskProgramsMember 2024-12-31 0001111711 us-gaap:OtherLiabilitiesMembernix:CommodityPriceRiskProgramsMember 2024-12-31 0001111711 us-gaap:OtherAssetsMembernix:CommodityPriceRiskProgramsMember 2023-12-31 0001111711 us-gaap:OtherLiabilitiesMembernix:CommodityPriceRiskProgramsMember 2023-12-31 0001111711 us-gaap:OtherAssetsMember 2024-12-31 0001111711 us-gaap:OtherLiabilitiesMember 2024-12-31 0001111711 us-gaap:OtherAssetsMember 2023-12-31 0001111711 us-gaap:OtherLiabilitiesMember 2023-12-31 0001111711 srt:NaturalGasReservesMember 2024-12-31 0001111711 srt:NaturalGasReservesMember 2023-12-31 0001111711 srt:MinimumMember 2024-01-012024-12-31 0001111711 srt:MaximumMember 2024-01-012024-12-31 0001111711 us-gaap:FairValueInputsLevel1Member 2024-12-31 0001111711 us-gaap:FairValueInputsLevel2Member 2024-12-31 0001111711 us-gaap:FairValueInputsLevel3Member 2024-12-31 0001111711 us-gaap:FairValueInputsLevel1Member 2023-12-31 0001111711 us-gaap:FairValueInputsLevel2Member 2023-12-31 0001111711 us-gaap:FairValueInputsLevel3Member 2023-12-31 0001111711 us-gaap:CorporateDebtSecuritiesMember 2024-12-31 0001111711 us-gaap:USTreasuryAndGovernmentMember 2023-12-31 0001111711 us-gaap:CorporateDebtSecuritiesMember 2023-12-31 0001111711 nix:NiSourceMember 2024-12-31 0001111711 nix:OperatingLossCarryforwardAndInvestmentCreditsMember 2024-01-012024-12-31 0001111711 nix:OperatingLossCarryforwardAndInvestmentCreditsMember 2023-01-012023-12-31 0001111711 nix:OperatingLossCarryforwardAndInvestmentCreditsMember 2022-01-012022-12-31 0001111711 nix:UtilizationExpenseOfOperatingLossCarryforwardsMember 2024-01-012024-12-31 0001111711 nix:UtilizationExpenseOfOperatingLossCarryforwardsMember 2023-01-012023-12-31 0001111711 nix:UtilizationExpenseOfOperatingLossCarryforwardsMember 2022-01-012022-12-31 0001111711 us-gaap:InvestmentCreditMember 2024-01-012024-12-31 0001111711 us-gaap:InvestmentCreditMember 2023-01-012023-12-31 0001111711 us-gaap:InvestmentCreditMember 2022-01-012022-12-31 0001111711 us-gaap:DomesticCountryMember 2024-12-31 0001111711 us-gaap:DomesticCountryMember 2024-01-012024-12-31 0001111711 us-gaap:InvestmentCreditMember 2024-12-31 0001111711 nix:FederalProductionTaxCreditsMember 2024-01-012024-12-31 0001111711 nix:FederalProductionTaxCreditsMember 2024-12-31 0001111711 nix:FederalOtherCreditMember 2024-01-012024-12-31 0001111711 nix:FederalOtherCreditMember 2024-12-31 0001111711 us-gaap:StateAndLocalJurisdictionMember 2024-12-31 0001111711 us-gaap:StateAndLocalJurisdictionMember 2024-01-012024-12-31 0001111711 srt:MinimumMembernix:DomesticEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:DomesticEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:DomesticEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:DomesticEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:InternationalEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:InternationalEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:InternationalEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:InternationalEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:DebtSecuritiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:DebtSecuritiesMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:DebtSecuritiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:DebtSecuritiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:RealEstateMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:RealEstateMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:RealEstateMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:RealEstateMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:PrivateEquityMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:PrivateEquityMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:PrivateEquityMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMembernix:PrivateEquityMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:PensionPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MaximumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2024-12-31 0001111711 srt:MinimumMembernix:DomesticEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:DomesticEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:DomesticEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:DomesticEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:InternationalEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:InternationalEquitiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:InternationalEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:InternationalEquitiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMemberus-gaap:FixedIncomeSecuritiesMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:RealEstateAndPrivateEquityAndHedgeFundsMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:PrivateEquityMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:PrivateEquityMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMembernix:PrivateEquityMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMembernix:PrivateEquityMemberus-gaap:OtherPostretirementBenefitPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MaximumMemberus-gaap:ShortTermInvestmentsMemberus-gaap:PensionPlansDefinedBenefitMember 2023-12-31 0001111711 srt:MinimumMember"