

REFINITIV

DELTA REPORT

10-Q

DTE ELECTRIC CO

10-Q - MARCH 31, 2024 COMPARED TO 10-Q - SEPTEMBER 30, 2023

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TOTAL DELTAS 3515

█ CHANGES 254

█ DELETIONS 1137

█ ADDITIONS 2124

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Quarterly Period ended **September 30, 2023** **March 31, 2024**

Or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____



Commission File Number: 1-11607

DTE Energy Company

Michigan

38-3217752

(State or other jurisdiction of incorporation or organization)

(I.R.S Employer Identification No.)

Commission File Number: 1-2198

DTE Electric Company

Michigan

38-0478650

(State or other jurisdiction of incorporation or organization)

(I.R.S Employer Identification No.)

Registrants address of principal executive offices: One Energy Plaza, Detroit, Michigan 48226-1279

Registrants telephone number, including area code: (313) 235-4000

Securities registered pursuant to Section 12(b) of the Act:

Registrant	Title of Each Class	Trading Symbol(s)	Name of Exchange on which Registered
DTE Energy Company (DTE Energy)	Common stock, without par value	DTE	New York Stock Exchange
DTE Energy	2017 Series E 5.25% Junior Subordinated Debentures due 2077	DTW	New York Stock Exchange
DTE Energy	2020 Series G 4.375% Junior Subordinated Debentures due 2080	DTB	New York Stock Exchange
DTE Energy	2021 Series E 4.375% Junior Subordinated Debentures due 2081	DTG	New York Stock Exchange
DTE Electric Company (DTE Electric)	None		None

Indicate by check mark whether the registrant (1) has 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 the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

DTE Energy Company (DTE Energy)

Yes No

DTE Electric Company (DTE Electric)

Yes No

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 during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

DTE Energy

Yes No

DTE Electric

Yes No

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 definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

DTE Energy	Large accelerated filer	Accelerated filer	Non-accelerated filer	Smaller reporting company	Emerging growth company
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DTE Electric	Large accelerated filer	Accelerated filer	Non-accelerated filer	Smaller reporting company	Emerging growth company
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

DTE Energy	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	DTE Electric	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Number of shares of Common Stock outstanding at **September 30, 2023** **March 31, 2024**:

Registrant	Description	Shares
DTE Energy	Common Stock, without par value	206,258,727 206,937,244
DTE Electric	Common Stock, \$10 par value, indirectly-owned by DTE Energy	138,632,324

This combined Form 10-Q is filed separately by two registrants: DTE Energy and DTE Electric. Information contained herein relating to any individual registrant is filed by such registrant solely on its own behalf. DTE Electric makes no representation as to information relating exclusively to DTE Energy.

DTE Electric, an indirect wholly-owned subsidiary of DTE Energy, meets the conditions set forth in General Instructions H(1)(a) and (b) of Form 10-Q and is therefore filing this form with the reduced disclosure format specified in General Instructions H(2) of Form 10-Q.

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DEFINITIONS

AFUDC	Allowance for Funds Used During Construction
ASU	Accounting Standards Update issued by the FASB
CAD	Canadian Dollar (C\$)
CARB	California Air Resources Board that administers California's Low Carbon Fuel Standard
Carbon emissions	Emissions of carbon containing compounds, including carbon dioxide and methane, that are identified as greenhouse gases
CCR	Coal Combustion Residuals
CFTC	U.S. Commodity Futures Trading Commission
DTE Electric	DTE Electric Company (an indirect wholly-owned subsidiary of DTE Energy) and subsidiary companies
DTE Energy	DTE Energy Company, directly or indirectly the parent of DTE Electric, DTE Gas, and numerous non-utility subsidiaries
DTE Gas	DTE Gas Company (an indirect wholly-owned subsidiary of DTE Energy) and subsidiary companies
DTE Securitization I	DTE Electric Securitization Funding I, LLC, a special purpose entity wholly-owned by DTE Electric. The entity was created to issue securitization bonds for certain qualified costs authorized by related to the MPSC River Rouge generation plant and tree trimming surge program and to recover debt service costs from DTE Electric customers
DTE Securitization II	DTE Electric Securitization Funding II, LLC, a special purpose entity wholly-owned by DTE Electric. The entity was created to issue securitization bonds for qualified costs related to the St. Clair and Trenton Channel generation plants and to recover debt service costs from DTE Electric customers
DTE Sustainable Generation	DTE Sustainable Generation Holdings, LLC (an indirect wholly-owned subsidiary of DTE Energy) and subsidiary companies
EGLE	Michigan Department of Environment, Great Lakes, and Energy, formerly known as Michigan Department of Environmental Quality
ELG	Effluent Limitations Guidelines
EPA	U.S. Environmental Protection Agency
EWR	Energy Waste Reduction program, which includes a mechanism authorized by the MPSC allowing DTE Electric and DTE Gas to recover through rates certain costs relating to energy waste reduction
FASB	Financial Accounting Standards Board
FERC	Federal Energy Regulatory Commission
FGD	Flue Gas Desulfurization
FOV	Finding of Violation
FTRs	Financial Transmission Rights are financial instruments that entitle the holder to receive payments related to costs incurred for congestion on the transmission grid
GCR	A Gas Cost Recovery mechanism authorized by the MPSC that allows DTE Gas to recover through rates its natural gas costs
GHGs	Greenhouse gases
Interconnection sales	Sales of power by DTE Electric into the energy market through MISO (Midcontinent Independent System Operation, Inc.), generally resulting from excess generation compared to customer demand
MGP	Manufactured Gas Plant
MPSC	Michigan Public Service Commission
MTM	Mark-to-market

DEFINITIONS

NAAQS	National Ambient Air Quality Standards
NAV	Net Asset Value
Net zero	Goal for DTE Energy's utility operations and gas suppliers at DTE Gas that any carbon emissions put into the atmosphere will be balanced by those taken out of the atmosphere. Achieving this goal will include collective efforts to reduce carbon emissions and actions to offset any remaining emissions. Progress towards net zero goals is estimated and methodologies and calculations may vary from those of other utility businesses with similar targets
Non-utility	An entity that is not a public utility. Its conditions of service, prices of goods and services, and other operating related matters are not directly regulated by the MPSC
NOx	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
NRC	U.S. Nuclear Regulatory Commission
PSCR	A Power Supply Cost Recovery mechanism authorized by the MPSC that allows DTE Electric to recover through rates its fuel, fuel-related, and purchased power costs
REC	Renewable Energy Credit
REF	Reduced Emissions Fuel
Registrants	DTE Energy and DTE Electric
Retail access	Michigan legislation provided customers the option of access to alternative suppliers for electricity and natural gas
RPS	Renewable Portfolio Standard program, which includes a mechanism authorized by the MPSC allowing DTE Electric to recover through rates its renewable energy costs
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
SOFR	Secured Overnight Financing Rate
TCJA	Tax Cuts and Jobs Act of 2017, which reduced the corporate Federal income tax rate from 35% to 21%
TRM	A Transition Reconciliation Mechanism authorized by the MPSC that allows DTE Electric to recover through rates the deferred net incremental revenue requirement associated with the transition of customers from the city of Detroit's Public Lighting Department to DTE Electric's distribution system
Topic 606	FASB issued ASU No. 2014-09, Revenue from Contracts with Customers, as amended
VIE	Variable Interest Entity
Units of Measurement	
Bcf	Billion cubic feet of natural gas
BTU	British thermal unit, heat value (energy content) of fuel
MMBtu	One million BTU
MWh	Megawatt-hour of electricity

FILING FORMAT

This combined Form 10-Q is separately filed by DTE Energy and DTE Electric. Information in this combined Form 10-Q relating to each individual Registrant is filed by such Registrant on its own behalf. DTE Electric makes no representation regarding information relating to any other companies affiliated with DTE Energy other than its own subsidiaries. Neither DTE Energy, nor any of DTE Energy's other subsidiaries (other than DTE Electric), has any obligation in respect of DTE Electric's debt securities, and holders of such debt securities should not consider the financial resources or results of operations of DTE Energy nor any of DTE Energy's other subsidiaries (other than DTE Electric and its own subsidiaries (in relevant circumstances)) in making a decision with respect to DTE Electric's debt securities. Similarly, none of DTE Electric nor any other subsidiary of DTE Energy has any obligation in respect to debt securities of DTE Energy. This combined Form 10-Q should be read in its entirety. No one section of this combined Form 10-Q deals with all aspects of the subject matter of this combined Form 10-Q. This combined Form 10-Q should be read in conjunction with the Consolidated Financial Statements and Combined Notes to Consolidated Financial Statements and with Management's Discussion and Analysis included in the combined DTE Energy and DTE Electric **2022****2023** Annual Report on Form 10-K.

FORWARD-LOOKING STATEMENTS

Certain information presented herein includes "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 with respect to the financial condition, results of operations, and businesses of the Registrants. Words such as "anticipate," "believe," "expect," "may," "could," "projected," "aspiration," "plans," and "goals" signify forward-looking statements. Forward-looking statements are not guarantees of future results and conditions, but rather are subject to numerous assumptions, risks, and uncertainties that may cause actual future results to be materially different from those contemplated, projected, estimated, or budgeted. Many factors may impact forward-looking statements of the Registrants including, but not limited to, the following:

- impact of regulation by the EPA, EGLE, the FERC, the MPSC, the NRC, and for DTE Energy, the CFTC and CARB, as well as other applicable governmental proceedings and regulations, including any associated impact on rate structures;
- the amount and timing of cost recovery allowed as a result of regulatory proceedings, related appeals, or new legislation, including legislative amendments and retail access programs;
- economic conditions and population changes in the Registrants' geographic area resulting in changes in demand, customer conservation, and thefts of electricity and, for DTE Energy, natural gas;
- the operational failure of electric or gas distribution systems or infrastructure;
- impact of volatility in prices in international steel markets and in prices of environmental attributes generated from renewable natural gas investments on the operations of DTE Vantage;
- the risk of a major safety incident;
- environmental issues, laws, regulations, and the increasing costs of remediation and compliance, including actual and potential new federal and state requirements;
- the cost of protecting assets and customer data against, or damage due to, cyber incidents and terrorism;
- health, safety, financial, environmental, and regulatory risks associated with ownership and operation of nuclear facilities;
- volatility in commodity markets, deviations in weather, and related risks impacting the results of DTE Energy's energy trading operations;
- changes in the cost and availability of coal and other raw materials, purchased power, and natural gas;
- advances in technology that produce power, store power, or reduce power consumption;
- changes in the financial condition of significant customers and strategic partners;
- the potential for losses on investments, including nuclear decommissioning trust and benefit plan assets and the related increases in future expense and contributions;

- access to capital markets and the results of other financing efforts which can be affected by credit agency ratings;
- instability in capital markets which could impact availability of short and long-term financing;
- impacts of inflation and the timing and extent of changes in interest rates;
- the level of borrowings;
- the potential for increased costs or delays in completion of significant capital projects;
- changes in, and application of, federal, state, and local tax laws and their interpretations, including the Internal Revenue Code, regulations, rulings, court proceedings, and audits;
- the effects of weather and other natural phenomena, including climate change, on operations and sales to customers, and purchases from suppliers;
- unplanned outages at our generation plants;
- employee relations and the impact of collective bargaining agreements;
- the availability, cost, coverage, and terms of insurance and stability of insurance providers;
- cost reduction efforts and the maximization of plant generation and distribution system performance;
- the effects of competition;
- changes in and application of accounting standards and financial reporting regulations;
- changes in federal or state laws and their interpretation with respect to regulation, energy policy, and other business issues;
- successful execution of new business development and future growth plans;
- contract disputes, binding arbitration, litigation, and related appeals;

- the ability of the electric and gas utilities to achieve net zero emissions goals, goals for carbon emission reductions; and
- the risks discussed in the Registrants' public filings with the Securities and Exchange Commission.

New factors emerge from time to time. The Registrants cannot predict what factors may arise or how such factors may cause results to differ materially from those contained in any forward-looking statement. Any forward-looking statements speak only as of the date on which such statements are made. The Registrants undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events.

Part I — Financial Information

Item 1. *Financial Statements*

DTE Energy Company
Consolidated Statements of Operations (Unaudited)

		Three Months		Nine Months			
		Ended	Ended	September 30,	September 30,	2023	2022
		2023	2022	2023	2022		
(In millions, except per share amounts)							
		Three Months					
		Ended March					
		31,					
		Three Months					
		Ended March					
		31,					
		Three Months					
		Ended March					
		31,					
	2024			2024		2023	
(In millions, except per share amounts)							
Operating Revenues	Operating Revenues						
Utility operations	Utility operations	\$1,827	\$2,053	\$5,504	\$6,196		
Utility operations							
Non-utility operations	Non-utility operations	1,061	3,198	3,847	8,556		
		2,888	5,251	9,351	14,752		
	3,240						
Operating Expenses	Operating Expenses						
Fuel, purchased power, and gas — utility							
Fuel, purchased power, and gas — utility							
Fuel, purchased power, and gas — utility	Fuel, purchased power, and gas — utility	435	594	1,364	1,901		

Fuel, purchased power, gas, and other — non-utility	Fuel, purchased power, gas, and other — non-utility	864	3,023	3,226	8,324
Operation and maintenance	Operation and maintenance	545	608	1,650	1,803
Depreciation and amortization	Depreciation and amortization	404	369	1,185	1,093
Taxes other than income	Taxes other than income	114	111	350	349
Asset (gains) losses and impairments, net	Asset (gains) losses and impairments, net	(12)	1	(11)	(4)
		2,350	4,706	7,764	13,466
		2,723			
Operating Income	Operating Income	538	545	1,587	1,286
Other (Income) and Deductions	Other (Income) and Deductions				
Other (Income) and Deductions					
Other (Income) and Deductions					
Interest expense					
Interest expense	Interest expense	200	171	583	486
Interest income	Interest income	(15)	(10)	(45)	(26)
Non- operating retirement benefits, net	Non- operating retirement benefits, net	1	(5)	9	(13)
Other income	Other income	(13)	(16)	(70)	(35)
Other income					
Other income					
Other expenses	Other expenses	11	12	26	56
		184	152	503	468
		183			
Income Before	Income Before				
Income Taxes	Income Taxes	354	393	1,084	818
Income Tax Expense					
Income Tax Expense	Income Tax Expense	22	6	106	—

Net Income	Net Income				
Attributable	Attributable				
to DTE	to DTE				
Energy	Energy				
Company	Company	\$ 332	\$ 387	\$ 978	\$ 818
Net Income Attributable to					
DTE Energy Company					
Net Income Attributable to					
DTE Energy Company					
Basic Earnings per					
Common Share					
Basic Earnings per					
Common Share					
Basic	Basic				
Earnings per	Earnings per				
Common	Common				
Share	Share				
Net Income	Net Income				
Attributable	Attributable				
to DTE	to DTE				
Energy	Energy				
Company	Company	\$ 1.61	\$ 2.00	\$ 4.74	\$ 4.22
Net Income Attributable to					
DTE Energy Company					
Net Income Attributable to					
DTE Energy Company					
Diluted Earnings per					
Common Share					
Diluted Earnings per					
Common Share					
Diluted	Diluted				
Earnings per	Earnings per				
Common	Common				
Share	Share				
Net Income	Net Income				
Attributable	Attributable				
to DTE	to DTE				
Energy	Energy				
Company	Company	\$ 1.61	\$ 1.99	\$ 4.74	\$ 4.21
Net Income Attributable to					
DTE Energy Company					
Net Income Attributable to					
DTE Energy Company					
Weighted Average Common					
Shares Outstanding					
Weighted Average Common					
Shares Outstanding					
Weighted	Weighted				
Average	Average				
Common	Common				
Shares	Shares				
Outstanding	Outstanding				
Basic	Basic	206	193	206	193
Basic					
Basic					
Diluted	Diluted	206	194	206	194
Diluted					

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company
Consolidated Statements of Comprehensive Income (Unaudited)

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2022		
(In millions)				
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
		2024		2023
				(In millions)
Net Income	Net Income	\$332	\$387	\$978
Other comprehensive income (loss), net of tax:				
Benefit obligations, net of taxes of \$—, \$—, \$1, and \$2, respectively	1	2	2	7
Net unrealized gains on derivatives, net of taxes of \$4, \$1, \$5, and \$2, respectively	15	4	17	7
Other comprehensive income (loss), net of tax:				
Other comprehensive income (loss), net of tax:				
Benefit obligations, net of taxes of \$— for both periods				
Benefit obligations, net of taxes of \$— for both periods				
Benefit obligations, net of taxes of \$— for both periods				
Net unrealized gains (losses) on derivatives, net of taxes of \$8, and \$(1), respectively				
Foreign currency translation	Foreign currency translation	(3)	—	(1)
Other comprehensive income		13	6	18
Foreign currency translation				14
Foreign currency translation				

Other	
comprehensive	
income (loss)	
Comprehensive Income	Comprehensive Income
Attributable to	Attributable to
DTE Energy	DTE Energy
Company	Company
	<u>\$345</u> <u>\$393</u> <u>\$996</u> <u>\$832</u>
Comprehensive Income	
Attributable to DTE Energy	
Company	
Comprehensive Income	
Attributable to DTE Energy	
Company	

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company
Consolidated Statements of Financial Position (Unaudited)

		September 30, 2023	December 31, 2022		
		(In millions)	(In millions)		
		March 31, 2024	March 31, 2024	December 31, 2023	
(In millions)					
		ASSETS			
Current Assets	Current Assets				
Cash and cash equivalents	Cash and cash equivalents	\$ 36	\$ 33		
Cash and cash equivalents					
Cash and cash equivalents					
Restricted cash	Restricted cash	30	10		
Accounts receivable (less allowance for doubtful accounts of \$76 and \$79, respectively)					
Accounts receivable (less allowance for doubtful accounts of \$69 and \$63, respectively)					
Customer					
Customer					
Customer	Customer	1,393	2,038		
Other	Other	173	144		
Inventories	Inventories				
Fuel and gas	Fuel and gas	463	433		
Fuel and gas					
Fuel and gas					
Materials, supplies, and other	Materials, supplies, and other	647	509		
Derivative assets	Derivative assets	228	328		

Regulatory assets	Regulatory assets	135	450
Prepaid property tax		180	76
Current investments			
Current investments			
Current investments			
Other	Other	135	159
		3,420	4,180
		3,752	
		3,752	
		3,752	
Investments	Investments		
Nuclear decommissioning trust funds	Nuclear decommissioning trust funds	1,913	1,825
Nuclear decommissioning trust funds			
Nuclear decommissioning trust funds			
Investments in equity method investees	Investments in equity method investees	180	165
Other		157	165
		2,250	2,155
Other long-term investments			
		2,454	
Property	Property		
Property, plant, and equipment	Property, plant, and equipment	36,397	39,346
Property, plant, and equipment			
Property, plant, and equipment			
Accumulated depreciation and amortization	Accumulated depreciation and amortization	(8,869)	(10,579)
		27,528	28,767
		28,585	
Other Assets	Other Assets		
Goodwill			
Goodwill			
Goodwill	Goodwill	1,993	1,993
Regulatory assets	Regulatory assets	6,715	3,886
Securitized regulatory assets	Securitized regulatory assets	178	206
Intangible assets	Intangible assets	159	166
Notes receivable	Notes receivable	400	331
Derivative assets	Derivative assets	81	105
Prepaid postretirement costs	Prepaid postretirement costs	616	571
Operating lease right-of-use assets	Operating lease right-of-use assets	137	89
Other	Other	253	234

	<u>10,532</u>	7,581
	<u>11,111</u>	
	<u>11,111</u>	
	<u>11,111</u>	
Total Assets	Total Assets	\$ 43,730
		\$ 42,683

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company
Consolidated Statements of Financial Position (Unaudited) — (Continued)

	September 30,	December 31,	
	2023	2022	
	(in millions, except shares)		
	March 31, 2024		March 31, 2024
	(in millions, except shares)		December 31, 2023 (in millions, except shares)
LIABILITIES AND EQUITY			
Current Liabilities	Current Liabilities		
Accounts payable			
Accounts payable	Accounts payable	\$ 1,135	\$ 1,604
Accrued interest	Accrued interest	213	154
Dividends payable	Dividends payable	196	196
Short-term borrowings	Short-term borrowings	1,217	1,162
Current portion long-term debt, including securitization bonds and finance leases	Current portion long-term debt, including securitization bonds and finance leases	594	1,124
Current portion long-term debt, including securitization bonds and finance leases			
Derivative liabilities	Derivative liabilities	145	342
Gas inventory equalization			
Regulatory liabilities	Regulatory liabilities	52	34
Operating lease liabilities	Operating lease liabilities	18	13
Other	Other	475	544
Other			
Other			

		4,045	5,173
		4,975	
		4,975	
		4,975	
Long-Term Debt (net of current portion)	Long-Term Debt (net of current portion)		
Mortgage bonds, notes, and other			
Mortgage bonds, notes, and other			
Mortgage bonds, notes, and other	Mortgage bonds, notes, and other	17,497	15,807
Securitization bonds	Securitization bonds	153	172
Junior subordinated debentures	Junior subordinated debentures	883	883
Finance lease liabilities	Finance lease liabilities	9	11
		18,542	16,873
	19,248		
Other Liabilities	Other Liabilities		Other Liabilities
Deferred income taxes	Deferred income taxes	2,575	2,394
Regulatory liabilities	Regulatory liabilities	2,597	2,673
Asset retirement obligations	Asset retirement obligations	3,589	3,460
Unamortized investment tax credit	Unamortized investment tax credit	180	182
Derivative liabilities	Derivative liabilities	154	315
Accrued pension liability	Accrued pension liability	319	378
Accrued postretirement liability	Accrued postretirement liability	288	287
Nuclear decommissioning	Nuclear decommissioning	299	282
Operating lease liabilities	Operating lease liabilities	112	68
Other	Other	176	197
	10,501		
	10,501		
	10,501		
Commitments and Contingencies (Notes 4 and 11)			
Commitments and Contingencies (Notes 5 and 12)		10,289	10,236
Equity	Equity		

Common stock (No par value, 400,000,000 shares authorized, and 206,258,727 and 205,632,393 shares issued and outstanding at September 30, 2023 and December 31, 2022, respectively)	6,697	6,651	
Common stock (No par value, 400,000,000 shares authorized, and 206,937,244 and 206,357,070 shares issued and outstanding at March 31, 2024 and December 31, 2023, respectively)			
Common stock (No par value, 400,000,000 shares authorized, and 206,937,244 and 206,357,070 shares issued and outstanding at March 31, 2024 and December 31, 2023, respectively)			
Common stock (No par value, 400,000,000 shares authorized, and 206,937,244 and 206,357,070 shares issued and outstanding at March 31, 2024 and December 31, 2023, respectively)			
Retained earnings	Retained earnings	4,197	3,808
Accumulated other comprehensive loss	Accumulated other comprehensive loss	(44)	(62)
Total DTE Energy	Total DTE Energy		
Company Equity	Company Equity	10,850	10,397
Noncontrolling interests	Noncontrolling interests	4	4
Total Equity	Total Equity	10,854	10,401
Total Equity			
Total Equity			
Total Liabilities and Equity	Total Liabilities and Equity	\$ 43,730	\$ 42,683

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company
Consolidated Statements of Cash Flows (Unaudited)

		Nine Months Ended September 30, 2023 2022 (In millions)	
		Three Months Ended March 31, 2024	Three Months Ended March 31, 2023 (In millions)
Operating Activities	Operating Activities		
Net Income	Net Income	\$ 978	\$ 818
Net Income	Net Income		
Net Income	Net Income		

Adjustments to reconcile Net Income to Net cash from operating activities:	Adjustments to reconcile Net Income to Net cash from operating activities:		
Depreciation and amortization			
Depreciation and amortization			
Depreciation and amortization	Depreciation and amortization	1,185	1,093
Nuclear fuel amortization	Nuclear fuel amortization	43	26
Allowance for equity funds used during construction	Allowance for equity funds used during construction	(26)	(20)
Deferred income taxes	Deferred income taxes	119	15
Equity (earnings) losses of equity method investees	Equity (earnings) losses of equity method investees	(7)	15
Dividends from equity method investees	Dividends from equity method investees	3	4
Asset (gains) losses and impairments, net	Asset (gains) losses and impairments, net	(11)	(4)
Asset (gains) losses and impairments, net			
Asset (gains) losses and impairments, net			
Changes in assets and liabilities:	Changes in assets and liabilities:		
Accounts receivable, net			
Accounts receivable, net			
Accounts receivable, net	Accounts receivable, net	614	(150)
Inventories	Inventories	(170)	(204)
Prepaid postretirement benefit costs	Prepaid postretirement benefit costs	(45)	(60)
Accounts payable	Accounts payable	(438)	228
Gas inventory equalization			
Accrued pension liability	Accrued pension liability	(59)	(71)
Accrued postretirement liability	Accrued postretirement liability	1	(8)

Derivative assets and liabilities	Derivative assets and liabilities	(234)	77
Regulatory assets and liabilities	Regulatory assets and liabilities	509	(552)
Other current and noncurrent assets and liabilities	Other current and noncurrent assets and liabilities	(87)	205
Net cash from operating activities	Net cash from operating activities	2,375	1,412
Investing Activities	Investing Activities		
Plant and equipment expenditures — utility	Plant and equipment expenditures — utility	(2,772)	(2,342)
Plant and equipment expenditures — utility	Plant and equipment expenditures — utility		
Plant and equipment expenditures — utility	Plant and equipment expenditures — utility		
Plant and equipment expenditures — non-utility	Plant and equipment expenditures — non-utility	(41)	(55)
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets		
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets		
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets	527	707
Investment in nuclear decommissioning trust funds	Investment in nuclear decommissioning trust funds	(524)	(710)
Distributions from equity method investees	Distributions from equity method investees	16	11
Contributions to equity method investees	Contributions to equity method investees	(27)	(12)
Notes receivable	Notes receivable	(56)	(13)
Investment in time deposit	Investment in time deposit		
Other	Other	(64)	(39)
Net cash used for investing activities	Net cash used for investing activities	(2,941)	(2,453)
Financing Activities	Financing Activities		
Issuance of long-term debt, net of discount and issuance costs	Issuance of long-term debt, net of discount and issuance costs		

Issuance of long-term debt, net of discount and issuance costs			
Issuance of long-term debt, net of discount and issuance costs	Issuance of long-term debt, net of discount and issuance costs	2,278	1,771
Redemption of long-term debt	Redemption of long-term debt	(1,146)	(316)
Short-term borrowings, net	Short-term borrowings, net	55	236
Repurchase of common stock		—	(55)
Short-term borrowings, net			
Short-term borrowings, net			
Dividends paid on common stock	Dividends paid on common stock	(564)	(514)
Dividends paid on common stock			
Other			
Other			
Other	Other	(34)	(65)
Net cash from financing activities	Net cash from financing activities	589	1,057
Net Increase in Cash, Cash Equivalents, and Restricted Cash	Net Increase in Cash, Cash Equivalents, and Restricted Cash	23	16
Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	43	35
Cash, Cash Equivalents, and Restricted Cash at End of Period	Cash, Cash Equivalents, and Restricted Cash at End of Period	\$ 66	\$ 51
Supplemental disclosure of non-cash investing and financing activities	Supplemental disclosure of non-cash investing and financing activities		
Supplemental disclosure of non-cash investing and financing activities	Supplemental disclosure of non-cash investing and financing activities		
Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable		
Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable		

Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable	\$ 401	\$ 331
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See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company
Consolidated Statements of Changes in Equity (Unaudited)

		Amount		Total	
		(Dollars in millions, shares in thousands)			
Balance, December 31, 2023					
Net Income					
Dividends declared on common stock (\$1.02 per Common Share)					
Issuance of common stock					
Other comprehensive income, net of tax					
Other comprehensive income, net of tax					
Other comprehensive income, net of tax					
Stock-based compensation and other					
Balance, March 31, 2024					
		Accumulated Other			
		Retained Comprehensive Noncontrolling			
		Shares Amount		Earnings Income (Loss) Total Interests	
		(Dollars in millions, shares in thousands)			
Balance, December 31, 2022		205,632	\$ 6,651	\$ 3,808	\$ (62)
Net Income		—	—	445	—
					445

Dividends declared on common stock (\$0.95 per Common Share)	—	—	(196)	—	—	(196)
Issuance of common stock	76	9	—	—	—	9
Other comprehensive loss, net of tax	—	—	—	(3)	—	(3)
Stock-based compensation and other	401	(8)	(2)	—	—	(10)
Balance, March						
31, 2023	206,109	\$ 6,652	\$ 4,055	\$ (65)	\$ 4	\$ 10,646
Net Income	—	—	201	—	—	201
Dividends declared on common stock (\$1.91 per Common Share)	—	—	(393)	—	—	(393)
Issuance of common stock	76	8	—	—	—	8
Other comprehensive income, net of tax	—	—	—	8	—	8
Stock-based compensation and other	(9)	16	(1)	—	—	15
Balance, June						
30, 2023	206,176	\$ 6,676	\$ 3,862	\$ (57)	\$ 4	\$ 10,485
Net Income	—	—	332	—	—	332
Issuance of common stock	75	9	—	—	—	9
Other comprehensive income, net of tax	—	—	—	13	—	13
Stock-based compensation and other	8	12	3	—	—	15
Balance, September 30, 2023	206,259	\$ 6,697	\$ 4,197	\$ (44)	\$ 4	\$ 10,854

	Accumulated Other					
	Common Stock		Comprehensive Income		Noncontrolling	
	Shares	Amount	Retained Earnings	(Loss)	Interests	Total
(Dollars in millions, shares in thousands)						
Balance, December 31, 2021	193,748	\$ 5,379	\$ 3,438	\$ (112)	8	\$ 8,713
Net Income	—	—	394	—	—	394
Dividends declared on common stock (\$0.89 per Common Share)	—	—	(171)	—	—	(171)
Repurchase of common stock	(465)	(55)	—	—	—	(55)
Other comprehensive income, net of tax	—	—	—	3	—	3

Stock-based compensation, net distributions to noncontrolling interests, and other	456	(14)	1	—	(4)	(17)
Balance, March 31, 2022	193,739	\$ 5,310	\$ 3,662	\$ (109)	\$ 4	\$ 8,867
Net Income	—	—	37	—	—	37
Dividends declared on common stock (\$1.77 per Common Share)	—	—	(343)	—	—	(343)
Other comprehensive income, net of tax	—	—	—	5	—	5
Stock-based compensation, net distributions to noncontrolling interests, and other	(3)	13	(1)	—	1	13
Balance, June 30, 2022	193,736	\$ 5,323	\$ 3,355	\$ (104)	\$ 5	\$ 8,579
Net Income	—	—	387	—	—	387
Other comprehensive income, net of tax	—	—	—	6	—	6
Stock-based compensation, net contributions from noncontrolling interests, and other	6	14	(1)	—	1	14
Balance, September 30, 2022	193,742	\$ 5,337	\$ 3,741	\$ (98)	\$ 6	\$ 8,986

	Common Stock		Accumulated Other Comprehensive Loss		Noncontrolling Interests		Total
	Shares	Amount	Retained Earnings	Comprehensive Loss	Interests		
	(Dollars in millions, shares in thousands)						
Balance, December 31, 2022	205,632	\$ 6,651	\$ 3,808	\$ (62)	\$ 4	\$ 10,401	
Net Income	—	—	445	—	—	—	445
Dividends declared on common stock (\$0.95 per Common Share)	—	—	(196)	—	—	—	(196)
Issuance of common stock	76	9	—	—	—	—	9
Other comprehensive loss, net of tax	—	—	—	(3)	—	—	(3)
Stock-based compensation and other	401	(8)	(2)	—	—	—	(10)
Balance, March 31, 2023	206,109	\$ 6,652	\$ 4,055	\$ (65)	\$ 4	\$ 10,646	

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company
Consolidated Statements of Operations (Unaudited)

	Three Months Ended		Nine Months Ended		
	September 30, 2023	2023	September 30, 2022	2022	
	(In millions)				
Three Months					
Ended March 31,					
Three Months					
Ended March 31,					
Three Months					
Ended March 31,					
2024					
(In millions)					

Operating Revenues —	Operating Revenues —				
Utility operations	Utility operations	\$1,623	\$1,844	\$4,324	\$4,896
Operating Expenses	Operating Expenses				
Fuel and purchased power					
— utility					
Fuel and purchased power					
— utility					
Fuel and purchased power — utility	Fuel and purchased power — utility	440	595	1,120	1,551
Operation and maintenance	Operation and maintenance	371	403	1,099	1,167
Depreciation and amortization	Depreciation and amortization	334	304	979	899
Taxes other than income	Taxes other than income	87	85	255	257
		1,232	1,387	3,453	3,874
		1,184			
		1,184			
		1,184			
Operating Income	Operating Income	391	457	871	1,022
Other (Income) and Deductions	Other (Income) and Deductions				
Other (Income) and Deductions					
Interest expense					
Interest expense					
Interest expense	Interest expense	114	93	319	271
Interest income	Interest income	(3)	—	(14)	—
Non-operating retirement benefits, net	Non-operating retirement benefits, net	(1)	(1)	(3)	(2)
Other income	Other income	(16)	(15)	(56)	(46)
Other expenses	Other expenses	9	11	22	37
		103	88	268	260
		94			
Income Before Income Taxes	Income Before Income Taxes	288	369	603	762

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023		
	2023	2022	2023	2022
(In millions)				
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
	2024		2024	
	(In millions)			
Net Income	Net Income	\$269	\$363	\$548
Other comprehensive income	Other comprehensive income	—	—	—
Other comprehensive income	Other comprehensive income	—	—	—
Comprehensive Income	Comprehensive Income	\$269	\$363	\$750

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company

	September 30, 2023	December 31, 2022
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March 31,		March 31,		December 31,					
2024		2024		2023					
(In millions)									
ASSETS									
Current Assets									
Cash and cash equivalents	Cash and cash equivalents	\$ 13	\$ 15						
Cash and cash equivalents									
Cash and cash equivalents									
Restricted Cash	Restricted Cash	24	9						
Accounts receivable (less allowance for doubtful accounts of \$46 and \$49, respectively)									
Accounts receivable (less allowance for doubtful accounts of \$40 and \$41, respectively)									
Customer	Customer	794	727						
Customer	Customer	794	727						
Affiliates	Affiliates	9	8						
Other	Other	67	75						
Inventories	Inventories								
Fuel									
Fuel	Fuel	199	167						
Materials and supplies	Materials and supplies	388	331						
Regulatory assets	Regulatory assets	132	421						
Regulatory assets									
Regulatory assets	Regulatory assets								
Prepaid property tax	Prepaid property tax	133	54						
Other	Other	31	44						
		1,790	1,851						
		1,896							
Investments	Investments								
Nuclear decommissioning trust funds	Nuclear decommissioning trust funds	1,913	1,825						
Nuclear decommissioning trust funds									
Nuclear decommissioning trust funds	Nuclear decommissioning trust funds								
Other	Other	49	44						
		1,962	1,869						
		2,194							
Property	Property								
Property, plant, and equipment	Property, plant, and equipment	27,268	30,591						
Property, plant, and equipment									
Property, plant, and equipment	Property, plant, and equipment								
Accumulated depreciation and amortization	Accumulated depreciation and amortization	(6,376)	(8,095)						

		20,892	22,496
		21,688	
Other Assets	Other Assets		
Regulatory assets			
Regulatory assets	Regulatory assets	6,102	3,219
Securitized regulatory assets	Securitized regulatory assets	178	206
Prepaid postretirement costs — affiliates	Prepaid postretirement costs — affiliates	371	345
Prepaid postretirement costs — affiliates			
Prepaid postretirement costs — affiliates			
Operating lease right-of-use assets	Operating lease right-of-use assets	105	56
Other	Other	218	194
		6,974	4,020
		7,189	
Total Assets	Total Assets	\$ 31,618	\$ 30,236

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company

Consolidated Statements of Financial Position (Unaudited) — (Continued)

		September 30, 2023	December 31, 2022
		(In millions, except shares)	
		March 31, 2024	December 31, 2023
(In millions, except shares)			
LIABILITIES AND SHAREHOLDER'S EQUITY			
Current Liabilities	Current Liabilities		
Accounts payable	Accounts payable		
Accounts payable			
Affiliates			
Affiliates			
Affiliates	Affiliates	\$ 44	\$ 71
Other	Other	591	637
Accrued interest	Accrued interest	120	105

Current portion long-term debt, including securitization bonds and finance leases	Current portion long-term debt, including securitization bonds and finance leases	542	248
Current portion long-term debt, including securitization bonds and finance leases			
Current portion long-term debt, including securitization bonds and finance leases			
Regulatory liabilities	Regulatory liabilities	49	33
Short-term borrowings	Short-term borrowings		
Affiliates		—	27
Other			
Other			
Other	Other	656	568
Operating lease liabilities	Operating lease liabilities	15	9
Other	Other	165	204
		2,182	1,902
		1,731	
Long-Term Debt (net of current portion)	Long-Term Debt (net of current portion)		
Mortgage bonds, notes, and other	Mortgage bonds, notes, and other		
Mortgage bonds, notes, and other	Mortgage bonds, notes, and other		
Mortgage bonds, notes, and other	Mortgage bonds, notes, and other	10,172	9,282
Securitization bonds	Securitization bonds	153	172
Finance lease liabilities	Finance lease liabilities	—	1
		10,325	9,455
		11,517	
Other Liabilities	Other Liabilities		
Deferred income taxes	Deferred income taxes		
Deferred income taxes	Deferred income taxes		
Deferred income taxes	Deferred income taxes	3,056	2,946
Regulatory liabilities	Regulatory liabilities	1,729	1,778
Asset retirement obligations	Asset retirement obligations	3,356	3,221
Unamortized investment tax credit	Unamortized investment tax credit	180	182
Nuclear decommissioning	Nuclear decommissioning	299	282
Accrued pension liability — affiliates	Accrued pension liability — affiliates	348	387

Accrued postretirement liability — affiliates	Accrued postretirement liability — affiliates	277	275
Operating lease liabilities	Operating lease liabilities	85	39
Other	Other	69	74
		9,399	9,184
Commitments and Contingencies (Notes 5 and 12)			
		9,519	
Commitments and Contingencies (Notes 4 and 11)			Commitments and Contingencies (Notes 4 and 11)
Shareholder's Equity	Shareholder's Equity		
Shareholder's Equity			
Common stock (\$10 par value, 400,000,000 shares authorized, and 138,632,324 shares issued and outstanding for both periods)	Common stock (\$10 par value, 400,000,000 shares authorized, and 138,632,324 shares issued and outstanding for both periods)	6,602	6,602
Retained earnings	Retained earnings	3,110	3,093
Total Shareholder's Equity			
Total Shareholder's Equity			
Total Liabilities and Shareholder's Equity	Total Liabilities and Shareholder's Equity	\$ 31,618	\$ 30,236

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company
Consolidated Statements of Cash Flows (Unaudited)

Nine Months Ended September 30, 2023 2022 (in millions)	Three Months Ended March 31,	Three Months Ended March 31,
--	---------------------------------	------------------------------

		2024		2023	
		(In millions)		(In millions)	
Operating Activities	Operating Activities	Net Income	\$ 548	\$ 750	
Net Income	Net Income				
Net Income	Net Income				
Adjustments to reconcile Net Income to Net cash from operating activities:	Adjustments to reconcile Net Income to Net cash from operating activities:				
Depreciation and amortization	Depreciation and amortization				
Depreciation and amortization	Depreciation and amortization	979	899		
Nuclear fuel amortization	Nuclear fuel amortization	43	26		
Allowance for equity funds used during construction	Allowance for equity funds used during construction	(25)	(18)		
Deferred income taxes	Deferred income taxes	59	11		
Changes in assets and liabilities:	Changes in assets and liabilities:				
Changes in assets and liabilities:	Changes in assets and liabilities:				
Accounts receivable, net	Accounts receivable, net				
Accounts receivable, net	Accounts receivable, net	(57)	(77)		
Inventories	Inventories	(89)	(26)		
Accounts payable	Accounts payable	(33)	17		
Prepaid postretirement benefit costs — affiliates	Prepaid postretirement benefit costs — affiliates	(26)	(37)		
Accrued pension liability — affiliates	Accrued pension liability — affiliates	(39)	(40)		
Accrued postretirement liability — affiliates	Accrued postretirement liability — affiliates	2	(6)		
Regulatory assets and liabilities	Regulatory assets and liabilities	402	(563)		
Other current and noncurrent assets and liabilities	Other current and noncurrent assets and liabilities	(183)	166		

Net cash from operating activities	Net cash from operating activities	1,581	1,102
Investing Activities	Investing Activities		
Plant and equipment expenditures	Plant and equipment expenditures	(2,215)	(1,853)
Plant and equipment expenditures	Plant and equipment expenditures		
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets	527	707
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets		
Proceeds from sale of nuclear decommissioning trust fund assets	Proceeds from sale of nuclear decommissioning trust fund assets		
Investment in nuclear decommissioning trust funds	Investment in nuclear decommissioning trust funds	(524)	(710)
Notes receivable and other	Notes receivable and other	(30)	(38)
Notes receivable	Notes receivable		
Other	Other		
Net cash used for investing activities	Net cash used for investing activities	(2,242)	(1,894)
Financing Activities	Financing Activities		
Issuance of long-term debt, net of discount and issuance costs	Issuance of long-term debt, net of discount and issuance costs	1,284	1,118
Issuance of long-term debt, net of discount and issuance costs	Issuance of long-term debt, net of discount and issuance costs		
Issuance of long-term debt, net of discount and issuance costs	Issuance of long-term debt, net of discount and issuance costs		
Redemption of long-term debt	Redemption of long-term debt	(121)	(316)
Capital contribution by parent company	Capital contribution by parent company	—	296
Short-term borrowings, net — affiliates	Short-term borrowings, net — affiliates		
Short-term borrowings, net — affiliates	Short-term borrowings, net — affiliates		
Short-term borrowings, net — affiliates	Short-term borrowings, net — affiliates	(27)	25
Short-term borrowings, net — other	Short-term borrowings, net — other	88	306
Dividends paid on common stock	Dividends paid on common stock	(531)	(600)
Other	Other	(19)	(15)

Net cash from financing activities	Net cash from financing activities	674	814
Net Increase in Cash, Cash Equivalents, and Restricted Cash	Net Increase in Cash, Cash Equivalents, and Restricted Cash	13	22
Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	24	9
Cash, Cash Equivalents, and Restricted Cash at End of Period	Cash, Cash Equivalents, and Restricted Cash at End of Period	\$ 37	\$ 31
Supplemental disclosure of non-cash investing and financing activities	Supplemental disclosure of non-cash investing and financing activities		
Supplemental disclosure of non-cash investing and financing activities	Supplemental disclosure of non-cash investing and financing activities		
Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable	\$ 295	\$ 242
Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable		
Plant and equipment expenditures in accounts payable	Plant and equipment expenditures in accounts payable		

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Electric Company

Consolidated Statements of Changes in Shareholder's Equity (Unaudited)

	Additional Paid-in Capital	Additional Paid-in Capital	Additional Paid-in Capital	Amount	Total
Common Stock					
Common Stock					
Common Stock					
Shares					
Shares					
Shares					
(Dollars in millions, shares in thousands)					(Dollars in millions, shares in thousands)

Balance, December 31, 2023	
Net Income	
Dividends declared on common stock	
Balance, March 31, 2024	
Balance, March 31, 2024	
Balance, March 31, 2024	

	Common Stock		Additional Paid-in Capital		Retained Earnings	
	Shares	Amount			Earnings	Total
	(Dollars in millions, shares in thousands)					
Balance, December 31, 2022	138,632	\$ 1,386	\$ 5,216		\$ 3,093	\$ 9,695
Net Income	—	—	—		100	100
Dividends declared on common stock	—	—	—		(182)	(182)
Balance, March 31, 2023	138,632	\$ 1,386	\$ 5,216		\$ 3,011	\$ 9,613
Net Income	—	—	—		179	179
Dividends declared on common stock	—	—	—		(174)	(174)
Balance, June 30, 2023	138,632	\$ 1,386	\$ 5,216		\$ 3,016	\$ 9,618
Net Income	—	—	—		269	269
Dividends declared on common stock	—	—	—		(175)	(175)
Balance, September 30, 2023	138,632	\$ 1,386	\$ 5,216		\$ 3,110	\$ 9,712

	Common Stock	Additional Capital	Paid-in Capital	Additional Paid-in Capital	
	Shares	Amount			Total
(Dollars in millions, shares in thousands)					
(Dollars in millions, shares in thousands)					
Balance, December 31, 2022					
Net Income					
Net Income					
Net Income					
Dividends declared on common stock					
Balance, March 31, 2023					
Balance, March 31, 2023					
Balance, March 31, 2023					
	Common Stock	Additional Capital	Paid-in Capital	Retained Earnings	
	Shares	Amount	Capital	Earnings	Total
(Dollars in millions, shares in thousands)					
Balance, December 31, 2021	138,632	\$ 1,386	\$ 4,616	\$ 2,901	\$ 8,903
Net Income	—	—	—	201	201
Dividends declared on common stock	—	—	—	(277)	(277)
Balance, March 31, 2022	138,632	\$ 1,386	\$ 4,616	\$ 2,825	\$ 8,827
Net Income	—	—	—	186	186
Dividends declared on common stock	—	—	—	(162)	(162)
Balance, June 30, 2022	138,632	\$ 1,386	\$ 4,616	\$ 2,849	\$ 8,851
	—	—	—	363	363

Net Income				
Dividends declared on common stock	—	—	—	(161) (161)
Capital contribution by parent company	—	—	296	— 296
Balance, September 30, 2022	<u>138,632</u>	<u>\$ 1,386</u>	<u>\$ 4,912</u>	<u>\$ 3,051</u> <u>\$9,349</u>

See Combined Notes to Consolidated Financial Statements (Unaudited)

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited)

Index of Combined Notes to Consolidated Financial Statements (Unaudited)

The Combined Notes to Consolidated Financial Statements (Unaudited) are a combined presentation for DTE Energy and DTE Electric. The following list indicates the Registrant(s) to which each note applies:

Note 1	Organization and Basis of Presentation	DTE Energy and DTE Electric
Note 2	Significant Accounting Policies	DTE Energy and DTE Electric
Note 3	New Accounting Pronouncements Revenue	DTE Energy and DTE Electric
Note 4	Revenue Regulatory Matters	DTE Energy and DTE Electric
Note 5	Regulatory Matters Earnings per Share	DTE Energy
Note 6	Fair Value	DTE Energy and DTE Electric
Note 6	Earnings per Share	DTE Energy
Note 7	Fair Value Financial and Other Derivative Instruments	DTE Energy and DTE Electric
Note 8	Financial and Other Derivative Instruments Long-Term Debt	DTE Energy and DTE Electric
Note 9	Long-Term Debt Short-Term Credit Arrangements and Borrowings	DTE Energy and DTE Electric
Note 10	Short-Term Credit Arrangements and Borrowings Leases	DTE Energy
Note 11	Commitments and Contingencies	DTE Energy and DTE Electric
Note 11	Leases	DTE Energy
Note 12	Commitments Retirement Benefits and Contingencies Trusteed Assets	DTE Energy and DTE Electric
Note 13	Retirement Benefits and Trusteed Assets	DTE Energy and DTE Electric
Note 14	Segment and Related Information	DTE Energy

NOTE 1 — ORGANIZATION AND BASIS OF PRESENTATION

Corporate Structure

DTE Energy owns the following businesses:

- DTE Electric is a public utility engaged in the generation, purchase, distribution, and sale of electricity to approximately 2.3 million customers in southeastern Michigan
- DTE Gas is a public utility engaged in the purchase, storage, transportation, distribution, and sale of natural gas to approximately 1.3 million customers throughout Michigan and the sale of storage and transportation capacity
- Other businesses include (1) DTE Vantage, which is primarily involved in renewable natural gas projects and providing custom energy solutions to industrial, commercial, and institutional customers, and 2) energy marketing and trading operations

DTE Electric and DTE Gas are regulated by the MPSC. Certain activities of DTE Electric and DTE Gas, as well as various other aspects of businesses under DTE Energy, are regulated by the FERC. In addition, the Registrants are regulated by other federal and state regulatory agencies including the NRC, the EPA, EGLE, and for DTE Energy, the CFTC and CARB.

Basis of Presentation

The Consolidated Financial Statements should be read in conjunction with the Combined Notes to Consolidated Financial Statements included in the combined DTE Energy and DTE Electric **2022****2023** Annual Report on Form 10-K.

The accompanying Consolidated Financial Statements of the Registrants are prepared using accounting principles generally accepted in the United States of America. These accounting principles require management to use estimates and assumptions that impact reported amounts of assets, liabilities, revenues and expenses, and the disclosure of contingent assets and liabilities. Actual results may differ from the Registrants' estimates.

The Consolidated Financial Statements are unaudited but, in the Registrants' opinions, include all adjustments necessary to present a fair statement of the results for the interim periods. All adjustments are of a normal recurring nature, except as otherwise disclosed in these Consolidated Financial Statements and Combined Notes to Consolidated Financial Statements. Financial results for this interim period are not necessarily indicative of results that may be expected for any other interim period or for the fiscal year ending **December 31, 2023** **December 31, 2024**.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The information in these combined notes relates to each of the Registrants as noted in the Index of Combined Notes to Consolidated Financial Statements. However, DTE Electric does not make any representation as to information related solely to DTE Energy or the subsidiaries of DTE Energy other than itself.

Certain prior year balances for the Registrants were reclassified to match the current year's Consolidated Financial Statements presentation.

Principles of Consolidation

The Registrants consolidate all majority-owned subsidiaries and investments in entities in which they have controlling influence. Non-majority owned investments are accounted for using the equity method when the Registrants are able to significantly influence the operating policies of the investee. When the Registrants do not influence the operating policies of an investee, the equity investment is valued at cost minus any impairments, if applicable. These Consolidated Financial Statements also reflect the Registrants' proportionate interests in certain jointly-owned utility plants. The Registrants eliminate all intercompany balances and transactions.

The Registrants evaluate whether an entity is a VIE whenever reconsideration events occur. The Registrants consolidate VIEs for which they are the primary beneficiary. If a Registrant is not the primary beneficiary and an ownership interest is held, the VIE is accounted for under the equity method of accounting. When assessing the determination of the primary beneficiary, a Registrant considers all relevant facts and circumstances, including: the power, through voting or similar rights, to direct the activities of the VIE that most significantly impact the VIE's economic performance and the obligation to absorb the expected losses and/or the right to receive the expected returns of the VIE. The Registrants perform ongoing reassessments of all VIEs to determine if the primary beneficiary status has changed.

Legal entities within the DTE Vantage segment enter into long-term contractual arrangements with customers to supply energy-related products or services. The entities are generally designed to pass-through the commodity risk associated with these contracts to the customers, with DTE Energy retaining operational and customer default risk. These entities generally are VIEs and consolidated when DTE Energy is the primary beneficiary. In addition, DTE Energy has interests in certain VIEs through which control of all significant activities is shared with partners, and therefore are generally accounted for under the equity method.

The Registrants hold ownership interests in certain limited partnerships. The limited partnerships include investment funds which support regional development and economic growth, and an operational business providing energy-related products. These entities are generally VIEs as a result of certain characteristics of the limited partnership voting rights. The ownership interests are accounted for under the equity method as the Registrants are not the primary beneficiaries.

DTE Energy has variable interests in VIEs through certain of its long-term purchase and sale contracts. DTE Electric has variable interests in VIEs through certain of its long-term purchase contracts. As of **September 30, 2023** **March 31, 2024**, the carrying amount of assets and liabilities in DTE Energy's Consolidated Statements of Financial Position that relate to its variable interests under long-term purchase and sale contracts are predominantly related to working capital accounts and generally represent the amounts owed by or to DTE Energy for the deliveries associated with the current billing cycle under the contracts. As of **September 30, 2023** **March 31, 2024**, the carrying amount of assets and liabilities in DTE Electric's Consolidated Statements of Financial Position that relate to its variable interests under long-term purchase contracts are predominantly related to working capital accounts and generally represent the amounts owed by DTE Electric for the deliveries associated with the current billing cycle under the contracts. The Registrants have not provided any significant form of financial support associated with these long-term contracts. There is no material potential exposure to loss as a result of DTE Energy's variable interests through these long-term purchase and sale contracts. In addition, there is no material potential exposure to loss as a result of DTE Electric's variable interests through these long-term purchase contracts.

During 2022, DTE Electric previously financed regulatory assets for previously deferred costs related to the River Rouge certain retired generation plant plants and its tree trimming surge program through the sale of bonds by a wholly-owned special purpose entity, DTE Securitization entities, DTE Securitization is a VIE, I and DTE Securitization II (collectively "the DTE Securitization entities"). The DTE Securitization entities are VIEs. DTE Electric has the power to direct the most significant activities of DTE Securitization, these entities, including performing servicing activities such as billing and collecting surcharge revenue. Accordingly, DTE Electric is the primary beneficiary and the DTE Securitization entities are consolidated by the Registrants. Securitization bond holders have no recourse to the Registrants' assets, except for those held by the DTE Securitization. Securitization entities. Surcharges collected by DTE Electric to pay for bond servicing and other qualified costs reflect securitization property solely owned by the DTE Securitization. Securitization entities. These surcharges are remitted to a trustee and are not available to other creditors of the Registrants.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The maximum risk exposure for consolidated VIEs is reflected on the Registrants' Consolidated Statements of Financial Position. For non-consolidated VIEs, the maximum risk exposure of the Registrants is generally limited to their investment and notes receivable, and future funding commitments receivable.

The table below summarizes the major Consolidated Statements of Financial Position items for consolidated VIEs as of **September 30, 2023** **March 31, 2024** and **December 31, 2022** **December 31, 2023**. All assets and liabilities of a consolidated VIE are presented where it has been determined that a consolidated VIE has either (1) assets that can be used only to settle obligations of the VIE or (2) liabilities for which creditors do not have recourse to the general credit of the primary beneficiary. Assets and liabilities of the VIEs are presented in aggregate. DTE Securitization entities have been aggregated due to the similar nature of the entities, except for DTE Electric amounts that reflect DTE Securitization and are separately stated. In the table below, comprising the entirety of the DTE Electric amounts. For all other VIEs, assets and liabilities are also aggregated due to their similar nature and presented together with the DTE Securitization entities in the DTE Energy amounts below. VIEs, in which DTE Energy holds a majority voting interest and is the primary beneficiary, that meet the definition of a business and whose assets can be used for purposes other than the settlement of the VIE's obligations have been excluded from the table below.

During the third quarter 2023, a consolidated VIE of DTE Vantage entered into a contract that restricts certain assets of the VIE to be used only to settle the VIE's obligations. As a result, the assets and liabilities of the VIE, which primarily include receivables and payables recognized in 2023, no longer meet the exclusion criteria above. Accordingly, these assets and liabilities have been added to the DTE Energy amounts in the table below.

Amounts for the Registrants' consolidated VIEs are as follows:

		September 30,		December 31,					
		2023		2022					
		DTE	DTE	DTE	DTE				
		Energy	Electric(a)	Energy	Electric(a)				
(In millions)									
March 31, 2024									
DTE Energy				March 31, 2024		December 31, 2023			
(In millions)				DTE Energy		DTE Energy			
(In millions)									
ASSETS	ASSETS								
Cash and cash equivalents									
Cash and cash equivalents									
Cash and cash equivalents	Cash and cash equivalents	\$ 11	\$ —	\$ 14	\$ —				
Restricted cash	Restricted cash	28	23	9	9				
Accounts receivable	Accounts receivable	115	2	6	3				
Securitized regulatory assets	Securitized regulatory assets	178	178	206	206				
Notes receivable	Notes receivable	153	—	81	—				
Other current and long-term assets		2	—	8	—				
Securitized regulatory assets									
		\$ 487	\$ 203	\$ 324	\$ 218				
Securitized regulatory assets									
Notes receivable(a)									
Notes receivable(a)									
Notes receivable(a)									
Other current and long-term assets									
		\$							
LIABILITIES	LIABILITIES								
LIABILITIES	LIABILITIES								
Accounts payable	Accounts payable	\$ 57	\$ —	\$ 3	\$ —				
Short-term borrowings		—	—	81	—				
Accounts payable									
Accounts payable									

Accrued interest					
Securitization bonds ^(b)	Securitization bonds ^(b)	193	193	211	211
Securitization bonds ^(b)					
Securitization bonds ^(b)					
Other current and long-term liabilities	Other current and long-term liabilities	18	10	11	9
		\$ 268	\$ 203	\$ 306	\$ 220
Other current and long-term liabilities					
Other current and long-term liabilities					
		\$			

(a) During the first quarter 2024, a consolidated VIE of DTE **Electric** amounts reflect **Vantage** recorded a significant increase in Notes Receivable, primarily due to a one-time payment of \$306 million for investments related to a large industrial project. At March 31, 2024, Notes Receivable includes \$10 million reported in Current Assets — Other on DTE **Securitization** Energy's Consolidated Statements of Financial Position.

(b) Includes \$40 \$79 million and \$39 \$64 million reported in Current portion of long-term debt on the Registrants' Consolidated Statements of Financial Position for the periods ended **September 30, 2023** **March 31, 2024** and **December 31, 2022** **December 31, 2023**, respectively.

Amounts for DTE Energy's non-consolidated VIEs are as follows:

	September 30, 2023	December 31, 2022	
	(In millions)		
March 31, 2024		March 31, 2024	December 31, 2023
(In millions)			(In millions)
Investments in equity method investees	\$ 125	\$ 137	
Notes receivable	\$ 15	\$ 15	
Future funding commitments	\$ 1	\$ 2	

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 2 — SIGNIFICANT ACCOUNTING POLICIES

Other Income

The following is a summary of DTE Energy's Other income:

Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023
2023	2022
(In millions)	

	Three Months Ended March 31, 2024	Three Months Ended March 31, 2024	Three Months Ended March 31, 2023
	2024		2023
	(In millions)		
Allowance for equity funds used during construction	Allowance for equity funds used during construction	\$ 8 \$ 6	\$26 \$20
Contract services	Contract services	5 7	18 21
Investment income(a)	Investment income(a)	— —	9 —
Investment income(a)			
Investment income(a)			
Equity earnings (losses) of equity method investees	Equity earnings (losses) of equity method investees	3 —	7 (15)
Other	Other	(3) 3	10 9
		\$13 \$16	\$70 \$35
		=====	=====
	\$		

(a) Investment losses are recorded separately to Other expenses on the Consolidated Statements of Operations.

The following is a summary of DTE Electric's Other income:

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2022
	(In millions)	
Three Months Ended March 31, 2024		
Three Months Ended March 31, 2024		
Three Months Ended March 31, 2024		

	2024		2023	
	(In millions)		(In millions)	
Allowance for equity funds used during construction	Allowance for equity funds used during construction	\$ 8	\$ 6	\$25
Contract services	Contract services	6	7	18
Investment income(a)	Investment income(a)	—	—	6
Other	Other	2	2	7
		\$16	\$15	\$56
Other		\$		\$46

(a) Investment losses are recorded separately to Other expenses on the Consolidated Statements of Operations.

Changes in Accumulated Other Comprehensive Income (Loss)

Comprehensive income (loss) is the change in common shareholders' equity during a period from transactions and events from non-owner sources, including Net Income. The amounts recorded to Accumulated other comprehensive income (loss) for DTE Energy include changes in benefit obligations, consisting of deferred actuarial losses and prior service costs, unrealized gains and losses from derivatives accounted for as cash flow hedges, and foreign currency translation adjustments, if any. DTE Energy releases income tax effects from accumulated other comprehensive income when the circumstances upon which they are premised cease to exist.

Changes in Accumulated other comprehensive income (loss) are presented in DTE Energy's Consolidated Statements of Changes in Equity and DTE Electric's Consolidated Statements of Changes in Shareholder's Equity, if any. For the three and nine months ended September 30, 2023 March 31, 2024 and 2022, 2023, reclassifications out of Accumulated other comprehensive income (loss) were not material.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Income Taxes

Tax rates are affected by estimated annual permanent items, production and investment tax credits, regulatory adjustments, and discrete items that may occur in any given period, but are not consistent from period to period. The tables below summarize how the Registrants' effective income tax rates have varied from the statutory federal income tax rate:

	Three Months Ended		Nine Months Ended	
	September 30, 2023	September 30, 2022	September 30, 2023	September 30, 2022
Three Months Ended March 31,				
Three Months Ended March 31,				
Three Months Ended March 31,				
2024				
DTE				
DTE Energy	Energy			
Statutory federal income tax rate				
Statutory federal income tax rate				

Statutory federal income tax rate rate	Statutory federal income tax rate 21.0 %	21.0 %	21.0 %	21.0 %	21.0 %	21.0 %	21.0 %
Increase (decrease) due to:	Increase (decrease) due to:						
State and local income taxes, net of federal benefit	State and local income taxes, net of federal benefit	4.8	4.4	4.5	4.5		
State and local income taxes, net of federal benefit	State and local income taxes, net of federal benefit						
Production tax credits	Production tax credits	(7.8)	(9.1)	(6.4)	(9.4)		
TCJA regulatory liability amortization	TCJA regulatory liability amortization	(4.9)	(13.6)	(4.2)	(14.8)		
Investment tax credits	Investment tax credits	(3.8)	—	(2.6)	(0.1)		
AFUDC equity	AFUDC equity						
Enactment of West Virginia income tax legislation, net of federal benefit	Enactment of West Virginia income tax legislation, net of federal benefit	—	—	(0.6)	—		
Other	Other	(3.0)	(1.2)	(1.9)	(1.2)		
Effective income tax rate	Effective income tax rate	6.3 %	1.5 %	9.8 %	— %	Effective income tax rate	6.2 %
		Three Months Ended September 30, 2023	Nine Months Ended September 30, 2022				10.1 %
		Three Months Ended March 31,					
		Three Months Ended March 31,					
		Three Months Ended March 31,					

DTE					
DTE Electric	Electric				
Statutory federal income tax rate					
Statutory federal income tax rate	Statutory federal income tax rate	21.0 %	21.0 %	21.0 %	21.0 %
Increase (decrease) due to:	State and local income taxes, net of federal benefit	5.7	5.7	5.7	5.7
State and local income taxes, net of federal benefit					
Production tax credits	Production tax credits	(11.1)	(9.5)	(9.4)	(9.2)
TCJA amortization	TCJA amortization	(6.9)	(14.6)	(5.9)	(15.0)
TCJA regulatory liability amortization					
AFUDC equity	Other	(1.9)	(0.9)	(2.2)	(0.9)
Effective income tax rate	Effective income tax rate	6.8 %	1.7 %	9.2 %	1.6 %
Effective income tax rate				9.6 %	14.2 %

DTE Electric had income tax receivables with DTE Energy of \$7 million at **September 30, 2023** **March 31, 2024**, primarily including \$5 million related to federal taxes and \$1 million at December 31, 2022, primarily \$2 million related to state taxes, which and \$7 million at December 31, 2023 related to federal taxes. Amounts are included in Accounts Receivable — Affiliates on the DTE Electric Consolidated Statements of Financial Position.

During the second quarter 2023, DTE Energy and DTE Electric unrecognized tax benefits decreased by \$10 million and \$13 million, respectively, as a result of an audit settlement related to state exposures. Recognition of these state tax benefits, net of federal benefit, resulted in a reduction of \$8 million and \$10 million to Income Tax Expense on the respective DTE Energy and DTE Electric Consolidated Statements of Operations for the nine months ended September 30, 2023.

During the third quarter 2023, DTE Energy unrecognized tax benefits decreased by an additional \$5 million due to recognition of a federal tax claim. Recognition of this federal tax benefit resulted in a \$5 million reduction to Income Tax Expense on the DTE Energy Consolidated Statements of Operations for the three and nine months ended September 30, 2023. As of September 30, 2023, DTE Energy and DTE Electric have no remaining unrecognized tax benefits.

As of December 31, 2022, DTE Energy and DTE Electric had \$5 million and \$8 million of accrued interest pertaining to income taxes, respectively, included in Accrued Interest on the Consolidated Statements of Financial Position. As a result of the state tax audit settlement noted above, the Registrants have no remaining accrued interest pertaining to income taxes.

Unrecognized Compensation Costs

As of **September 30, 2023** **March 31, 2024**, DTE Energy had \$77 million \$95 million of total unrecognized compensation cost related to non-vested stock incentive plan arrangements. That cost is expected to be recognized over a weighted-average period of **1.4** **2.0** years.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Allocated Stock-Based Compensation

DTE Electric received an allocation of costs from DTE Energy associated with stock-based compensation of \$7 million \$8 million and \$9 million \$10 million for the three months ended September 30, 2023 March 31, 2024 and 2022, respectively, while such allocation was \$27 million and \$30 million for the nine months ended September 30, 2023 and 2022, 2023, respectively.

Cash, Cash Equivalents, and Restricted Cash

Cash and cash equivalents include cash on hand, cash in banks, and temporary investments purchased with remaining maturities of three months or less. Restricted cash includes funds held in separate bank accounts and principally consists of amounts at DTE Securitization I and DTE Securitization II to pay for debt service and other qualified costs. Restricted cash also consists of funds held to satisfy contractual obligations related to a large construction project at DTE Vantage. Restricted cash designated for payments within one year is classified as a Current Asset.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Financing Receivables

Financing receivables are primarily composed of trade receivables, notes receivable, and unbilled revenue. The Registrants' financing receivables are stated at net realizable value.

The Registrants monitor the credit quality of their financing receivables on a regular basis by reviewing credit quality indicators and monitoring for trigger events, such as a credit rating downgrade or bankruptcy. Credit quality indicators include, but are not limited to, ratings by credit agencies where available, collection history, collateral, counterparty financial statements and other internal metrics. Utilizing such data, the Registrants have determined three internal grades of credit quality. Internal grade 1 includes financing receivables for counterparties where credit rating agencies have ranked the counterparty as investment grade. To the extent credit ratings are not available, the Registrants utilize other credit quality indicators to determine the level of risk associated with the financing receivable. Internal grade 1 may include financing receivables for counterparties for which credit rating agencies have ranked the counterparty as below investment grade; however, due to favorable information on other credit quality indicators, the Registrants have determined the risk level to be similar to that of an investment grade counterparty. Internal grade 2 includes financing receivables for counterparties with limited credit information and those with a higher risk profile based upon credit quality indicators. Internal grade 3 reflects financing receivables for which the counterparties have the greatest level of risk, including those in bankruptcy status.

The following represents the Registrants' financing receivables by year of origination, classified by internal grade of credit risk, including current year-to-date gross write-offs, if any. The related credit quality indicators and risk ratings utilized to develop the internal grades have been updated through September 30, 2023 March 31, 2024.

		DTE								
		DTE Energy	Electric	Year of Origination						
		2021	2023	and	and	2023	2022	Prior	Total	Prior
(In millions)										
		DTE Energy				DTE Energy		DTE Electric		
		Year of Origination				Year of Origination				
		2024		2024		2023		2022 and Prior		Total
		(In millions)						(In millions)		
Notes receivable	Notes receivable									
Internal grade 1										
Internal grade 1										
Internal grade 1	Internal grade 1	\$14	\$—	\$ 6	\$ 20	\$ 16				
Internal grade 2	Internal grade 2	19	85	17	121	—				
Total notes receivable(a)	Total notes receivable(a)	\$33	\$85	\$ 23	\$141	\$ 16				
Total notes receivable(a)										
Total notes receivable(a)										
Net investment in leases	Net investment in leases									
Net investment in leases										

Net investment in leases						
Internal grade 1						
Internal grade 1						
Internal grade 1	Internal grade 1	\$ —	\$ —	\$ 37	\$ 37	\$ —
Internal grade 2	Internal grade 2	—	65	185	250	—
Total net investment in leases ^(a)	Total net investment in leases ^(a)	\$ —	\$ 65	\$ 222	\$ 287	\$ —

(a) For DTE Energy and DTE Electric, the current portion is included in Current Assets — Other on the respective Consolidated Statements of Financial Position. For DTE Electric, the noncurrent portion is included in Other Assets — Other.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The allowance for doubtful accounts on accounts receivable for the utility entities is generally calculated using an aging approach that utilizes rates developed in reserve studies. DTE Electric and DTE Gas establish an allowance for uncollectible accounts based on historical losses and management's assessment of existing and future economic conditions, customer trends and other factors. Customer accounts are generally considered delinquent if the amount billed is not received by the due date, which is typically in 21 days, however, factors such as assistance programs may delay aggressive action. DTE Electric and DTE Gas generally assess late payment fees on trade receivables based on past-due terms with customers. Customer accounts are written off when collection efforts have been exhausted. The time period for write-off is 150 days after service has been terminated.

The customer allowance for doubtful accounts for non-utility businesses and other receivables for both utility and non-utility businesses is generally calculated based on specific review of probable future collections based on receivable balances generally in excess of 30 days. Existing and future economic conditions, customer trends and other factors are also considered. Receivables are written off on a specific identification basis and determined based upon the specific circumstances of the associated receivable.

Notes receivable for DTE Energy are primarily comprised of finance lease receivables and loans that are included in Notes Receivable and Other current assets on DTE Energy's Consolidated Statements of Financial Position. Notes receivable for DTE Electric are primarily comprised of loans.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The Registrants establish an allowance for credit loss for principal and interest amounts due that are estimated to be uncollectible in accordance with the contractual terms of the note receivable. In determining the allowance for credit losses for notes receivable, the Registrants consider the historical payment experience and other factors that are expected to have a specific impact on the counterparty's ability to pay including existing and future economic conditions. Notes receivable are typically considered delinquent when payment is not received for periods ranging from 60 to 120 days. If amounts are no longer probable of collection, the Registrants may consider the note receivable impaired, adjust the allowance, and cease accruing interest (nonaccrual status).

Cash payments received on nonaccrual status notes receivable, that do not bring the account contractually current, are first applied to the contractually owed past due interest, with any remainder applied to principal. Accrual of interest is generally resumed when the note receivable becomes contractually current.

The following tables present a roll-forward of the activity for the Registrants' financing receivables credit loss reserves:

		DTE	
		DTE Energy	Electric
		Trade and other	
		Trade accounts receivable	Other accounts receivable
		Total receivable	Total receivable
		(In millions)	
Beginning reserve			
balance, January 1, 2023	\$ 78	\$ 1	\$ 79
			\$ 49
		DTE Energy	
		DTE Energy	
		DTE Energy	
		DTE Electric	
Trade accounts receivable		Trade accounts receivable	Other receivables
			Total
			Trade and other accounts receivable

		(In millions)		(In millions)	
Beginning reserve balance, January 1, 2024					
Current period provision	Current period provision	44	—	44	28
Write-offs charged against allowance	Write-offs charged against allowance	(78)	—	(78)	(51)
Write-offs charged against allowance	Write-offs charged against allowance				
Recoveries of amounts previously written off	Recoveries of amounts previously written off	31	—	31	20
Ending reserve balance, September 30, 2023	\$ 75	\$ 1	\$ 76	\$ 46	
Ending reserve balance, March 31, 2024					

	DTE Energy			DTE Electric	
	Trade accounts receivable		Other receivables	Total	Trade and other accounts receivable
	(In millions)				
Beginning reserve balance, January 1, 2022	\$ 89	\$ 3	\$ 92	\$ 54	
Current period provision	49	—	—	49	33
Write-offs charged against allowance	(105)	(2)	(107)	(66)	
Recoveries of amounts previously written off	45	—	45	28	
Ending reserve balance, December 31, 2022	\$ 78	\$ 1	\$ 79	\$ 49	

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

	DTE Energy			DTE Electric	
	Trade accounts receivable		Other receivables	Total	Trade and other accounts receivable
	(In millions)				
Beginning reserve balance, January 1, 2023	\$ 78	\$ 1	\$ 79	\$ 49	
Current period provision	52	—	—	52	36
Write-offs charged against allowance	(112)	—	(112)	(72)	
Recoveries of amounts previously written off	44	—	44	28	
Ending reserve balance, December 31, 2023	\$ 62	\$ 1	\$ 63	\$ 41	

Uncollectible expense for the Registrants is primarily comprised of the current period provision for allowance for doubtful accounts and is summarized as follows:

Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023	Three Months Ended March 31, 2024	Three Months Ended March 31, 2023
30,	30,		
2023	2023	2024	2023
(In millions)			
DTE Energy	DTE Energy	DTE Energy	DTE Energy
Electric	Electric	Electric	Electric
\$10	\$12	\$11	\$12
\$45	\$28	\$28	\$28
\$46			

There are no material amounts of past due financing receivables for the Registrants as of September 30, 2023 March 31, 2024.

NOTE 3 — NEW ACCOUNTING PRONOUNCEMENTS

Recently Adopted Pronouncements

In March 2022, the FASB issued ASU No. 2022-02, *Financial Instruments – Credit Losses (Topic 326): Troubled Debt Restructurings and Vintage Disclosures*. The amendments in this update eliminate the accounting guidance for troubled debt restructurings by creditors that have adopted the Current Expected Credit Loss ("CECL") model under ASC 326 and enhance the disclosure requirements for loan refinancings and restructurings made with borrowers experiencing financial difficulty. Additionally, the amendments require the disclosure of current period gross write-offs for financing receivables and net investment in leases by year of origination in the vintage disclosures. The Registrants adopted the ASU effective January 1, 2023 using the prospective approach, with no impact on the Registrants' financial position or results of operations. Gross write-offs, if any, will be disclosed in the Financing Receivables section of Note 2 to the Consolidated Financial Statements, "Significant Accounting Policies."

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 43 — REVENUE

Disaggregation of Revenue

The following is a summary of revenues disaggregated by segment for DTE Energy:

Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023	Three Months Ended March 31, 2024
Ended	Ended	Ended
September 30,	September 30,	
2023	2023	2024
(In millions)		
Three Months Ended March 31, 2024		
31,		

Three Months Ended March 31,		2024				2024		2023			
		(In millions)						(In millions)			
Electric(a)		Electric(a)									
Residential		Residential									
Residential		Residential	\$ 861	\$ 882	\$2,173	\$2,273					
Commercial		Commercial	585	541	1,604	1,505					
Industrial		Industrial	190	167	545	498					
Other(b)		Other(b)	(10)	257	12	631					
Total Electric operating revenues		Total Electric operating revenues	\$1,626	\$1,847	\$4,334	\$4,907					
Gas		Gas									
Gas		Gas									
Gas		Gas									
Gas sales		Gas sales	\$ 119	\$ 128	\$ 936	\$ 955					
End User		End User									
Transportation		Transportation	44	42	184	195					
Intermediate		Intermediate									
Transportation		Transportation	16	15	63	60					
Other(b)		Other(b)	48	45	62	148					
Total Gas operating revenues		Total Gas operating revenues	\$ 227	\$ 230	\$1,245	\$1,358					
Other segment operating revenues		Other segment operating revenues									
Other segment operating revenues											
Other segment operating revenues											
DTE Vantage		DTE Vantage	\$ 199	\$ 227	\$ 572	\$ 626					
Energy		Energy									
Trading		Trading	\$ 893	\$3,024	\$3,365	\$8,059					

(a) Revenues generally represent those of DTE Electric, except \$3 million \$4 million of Other revenues related to DTE Sustainable Generation for both the three months ended September 30, 2023 March 31, 2024 and 2022, and \$10 million and \$11 million for the nine months ended September 30, 2023 and 2022, respectively 2023.

(b) Includes revenue adjustments related to various regulatory mechanisms, including the PSCR at the Electric segment and GCR at the Gas segment. Revenues related to these mechanisms may vary based on changes in the cost of fuel, purchased power, and gas.

Revenues included the following which were outside the scope of Topic 606:

Three Months
Ended March
31,

		Three Months Ended March 31,		Three Months Ended March 31,			
		2024		2024		2023	
		(In millions)					
		Three Months Ended September 30,		Nine Months Ended September 30,			
		2023	2022	2023	2022		
		(In millions)					
Electric — Other revenues							
Electric — Other revenues							
Electric — Other revenues		\$ 8	\$ 7	\$ 18	\$ 15		
Gas — Gas —							
Alternative Revenue							
Programs		\$ —	\$ —	\$ 4	\$ —		
Gas — Gas —							
Other Other							
revenues		\$ 2	\$ 2	\$ 7	\$ 6		
DTE DTE							
Vantage — Vantage —							
Leases Leases		\$ 19	\$ 24	\$ 44	\$ 63		
Energy Energy							
Trading — Trading —							
Derivatives Derivatives	\$ 670	\$ 2,531	\$ 2,527	\$ 6,691			

Deferred Revenue

The following is a summary of deferred revenue activity for DTE Energy:

		DTE Energy	
		(In millions)	
Beginning Balance, January 1, 2023		\$ 94	
Increases due to cash received or receivable, excluding amounts recognized as revenue during the period		113	
Revenue recognized that was included in the deferred revenue balance at the beginning of the period		(42)	
Ending Balance, September 30, 2023		\$ 165	
		Three Months Ended March 31,	
		2024	
		(In millions)	
Beginning Balance, January 1	\$ 106	\$ 94	
Increases due to cash received or receivable, excluding amounts recognized as revenue during the period	35	27	
Revenue recognized that was included in the deferred revenue balance at the beginning of the period	(25)	(34)	
Ending Balance, March 31	\$ 116	\$ 87	

DTE Energy Company — DTE Electric Company Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The deferred Deferred revenues are included in Current Liabilities — Other and Other Liabilities — Other on DTE Energy's Consolidated Statements of Financial Position. Deferred revenues generally represent amounts paid by or receivables from customers for which the associated performance obligation has not yet been satisfied. Deferred revenues include amounts associated with REC performance obligations under certain wholesale full requirements power contracts. Deferred revenues associated with RECs are recognized as revenue when control of the RECs has transferred. Other performance obligations associated with deferred revenues include providing products and services related to customer prepayments. Deferred revenues associated with these products and services are recognized when control has transferred to the customer.

The following table represents deferred revenue amounts for DTE Energy that are expected to be recognized as revenue in future periods:

DTE Energy			
		(In millions)	
2023		\$ 95	
			DTE Energy
			(In millions)
2024	2024	68	
2025	2025	1	
2026	2026	1	
2027	2027	—	
2028 and thereafter		—	
			\$ 165
2028			
2029 and thereafter			
			\$

Transaction Price Allocated to the Remaining Performance Obligations

In accordance with optional exemptions available under Topic 606, the Registrants did not disclose the value of unsatisfied performance obligations for (1) contracts with an original expected length of one year or less, (2) with the exception of fixed consideration, contracts for which revenue is recognized at the amount to which the Registrants have the right to invoice for goods provided and services performed, and (3) contracts for which variable consideration relates entirely to an unsatisfied performance obligation.

Such contracts consist of varying types of performance obligations across the segments, including the supply and delivery of energy related products and services. Contracts with variable volumes and/or variable pricing, including those with pricing provisions tied to a consumer price or other index, have also been excluded as the related consideration under the contract is variable at inception of the contract. Contract lengths vary from cancellable to multi-year.

The Registrants expect to recognize revenue for the following amounts related to fixed consideration associated with remaining performance obligations in each of the future periods noted:

DTE Energy		DTE Electric	
		(In millions)	
2023	\$ 33	\$ 2	
			DTE Energy
			(In millions)
2024	2024	247	8
2025	2025	184	—
2026	2026	99	—
2027	2027	67	—
2028 and thereafter		375	—
			\$ 1,005
2028			\$ 10

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 54 — REGULATORY MATTERS

Ludington Accounting Application 2024 Gas Rate Case Filing

During April 2022, DTE Electric and Consumers Energy Company ("Consumers") filed a complaint against Toshiba America Energy Systems ("TAES") and its parent corporation for defective and non-conforming work relating to the overhaul and upgrade of the Ludington Hydroelectric Pumped Storage Plant ("Ludington"). Refer to the *Ludington Plant Contract Dispute* section of Note 12 to the Consolidated Financial Statements, "Commitments and Contingencies," for additional information regarding the complaint and ongoing legal proceedings.

DTE Electric and Consumers, joint owners of Ludington, believe that certain costs must be incurred in the near term for repairing and/or replacing defective work performed by TAES in order to ensure the continued safe and reliable operation of the plant. In November 2022, DTE Electric and Consumers filed an accounting application rate case with the MPSC for authority on January 8, 2024 requesting an increase in base rates of \$266 million based on a projected twelve-month period ending September 30, 2025, and an increase in return on equity from 9.9% to 10.25%. The request reflects a net increase to customer rates of only \$160 million, as an existing IRM surcharge of \$106 million would be rolled into the new base rates. The requested increase is primarily due to increased investments in plant related to system reliability and pipeline safety and inflationary impacts on operating costs, as a regulatory asset. DTE Electric and Consumers requested the regulatory asset for their respective 49% and 51% shares of these costs, to be partially offset by any potential litigation proceeds. The parties also requested that appropriate recovery and ratemaking treatment be granted higher sales. A final MPSC order in a future rate case or other proceeding. In May 2023, the MPSC approved the accounting application as requested. Costs incurred and deferred as regulatory assets will be reviewed in future rate proceedings for cost recovery. November 2024.

2023 2024 Electric Rate Case Filing

DTE Electric filed a rate case with the MPSC on **February 10, 2023** **March 28, 2024** requesting an increase in base rates of **\$622** **\$456** million based on a projected twelve-month period ending **November 30, 2024** **December 31, 2025**, and an increase in return on equity from 9.9% to **10.25%** **10.5%**. The requested increase in base rates is primarily due to increased capital investments in plant involving generation required to support continued reliability improvements and the electric distribution system, as well as related increases ongoing transition to depreciation and property tax expenses. These investments will support DTE Energy's goals to reduce carbon emissions and improve power reliability, cleaner energy. The requested increase in base rates is also due to a projected sales decline the increased cost of debt resulting from the level included in current rates market dynamics and inflationary impacts on increasing operating and interest costs, maintenance expenses. A final MPSC order in this case is expected in December 2023.

2023 Securitization Filing

On April 3, 2023, DTE Electric filed an application with the MPSC requesting a financing order to approve the securitization of \$496 million of qualified costs related to the net book value of the St. Clair and Trenton Channel generation plants. The filing requested recovery of these qualifying costs from DTE Electric's customers.

The MPSC issued a financing order on June 22, 2023 authorizing DTE Electric to proceed with the issuance of Securitization bonds for qualified costs up to \$602 million, increased for the inclusion of deferred income taxes. These costs include up to \$594 million for the net book value of the St. Clair and Trenton Channel plants and up to \$8 million for other qualified costs. The financing order further authorized customer charges for the timely recovery of debt service costs on the Securitization bonds and other ongoing qualified costs.

On November 1, 2023, DTE Electric closed on the issuance of Securitization bonds of \$602 million, including two separate tranches of \$301 million. Refer to Note 9 to the Consolidated Financial Statements, "Long-Term Debt," for additional information regarding the terms of the bonds and use of proceeds. For the fourth quarter, DTE Electric will reclassify \$594 million of Regulatory assets to Securitized regulatory assets for the net book value of the St. Clair and Trenton Channel plants. Debt service costs for the first tranche will be recovered over a period not to exceed 10 years and costs for the second tranche will be recovered over a period not to exceed 15 years.

Integrated Resource Plan

In November 2022, DTE Electric filed an Integrated Resource Plan (IRP) with the MPSC, a comprehensive plan to meet the electricity needs of customers over the next 20 years. The IRP included details on planned coal plant retirements and replacement generation, including investments in renewables and battery storage, with a focus on providing increasingly clean, reliable, and affordable electricity to customers.

On July 12, 2023, DTE Energy announced that DTE Electric reached a settlement agreement with the various stakeholders involved in the IRP. The MPSC issued an order approving the settlement agreement on July 26, 2023. The agreement confirmed DTE Electric's plans to convert its Belle River facility from a coal-fired power plant to a natural gas peaking resource in 2025-2026, and to retire the Monroe power plant generation units 3 and 4 in 2028. DTE Electric also accelerated its planned retirement of Monroe generation units 1 and 2 from 2035 to 2032. January 2025.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The settlement agreement approved the recovery of undepreciated plant costs that will be retired at Belle River and Monroe. As a result, approximately \$2.7 billion of net Property, plant, and equipment was reclassified to a long-term regulatory asset during the third quarter 2023. Future capital expenditures will also be recovered, and the regulatory asset will be remeasured each reporting period for changes in expenditures, retirements, and depreciation.

DTE Electric will securitize \$1.05 billion of the plant costs, including approximately \$200 million for the estimated net book value of Belle River coal handling assets to be retired in 2025-2026. The remaining \$845 million reflects the net book value of Monroe assets to be securitized upon the full retirement of the plant in 2032. Securitization will include the issuance of bonds for the respective plant costs and customer charges for the timely recovery of debt service costs. DTE Electric plans to reclassify amounts to Securitized regulatory assets upon completing the respective securitization financings. Terms of the securitization bonds and recovery periods for the debt service costs will also be determined at that time.

For the remaining net book value of Monroe plant assets, approximately \$1.6 billion will be recovered through a regulatory asset with a return on equity of 9.0% and will be amortized over a 15-year period. Amortization will begin upon the issuance of an order in DTE Electric's next rate case, which is currently expected in early 2025. Until then, amounts will continue to be depreciated.

Pursuant to the IRP settlement agreement, DTE Electric has also committed to donate a total of \$38 million, including \$2 million each year from 2024 to 2027 to organizations providing various energy support to low-income customers. The remaining \$30 million of donations will be made to organizations providing customers with bill assistance. The \$30 million of donations may be made in varying annual amounts over the 15-year period of the Monroe regulatory asset discussed above, with a minimum amount of \$1 million each year beginning in 2028. Organizations receiving donations will be determined at a later date in consultation with Michigan's Attorney General and MPSC staff, among others. Donations will not be recovered in rates and will be recorded as Other Expenses on the Consolidated Statements of Operations in future periods as the donations occur.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 65 — EARNINGS PER SHARE

Basic earnings per share is calculated by dividing net income, adjusted for income allocated to participating securities, by the weighted average number of common shares outstanding during the period. Diluted earnings per share reflect the dilution that would occur if any potentially dilutive instruments were exercised or converted into common shares. DTE Energy's participating securities are restricted shares under the stock incentive program that contain rights to receive non-forfeitable dividends. **Equity units and performance** Performance shares do not receive cash dividends; as such, these awards are not considered participating securities.

The following is a reconciliation of DTE Energy's basic and diluted income per share calculation:

	Three Months Ended September 30,		Nine Months Ended September 30,		
	2023		2022		
	(In millions, except per share amounts)				
Basic Earnings per Share					
Net Income Attributable to DTE Energy Company	\$ 332	\$ 387	\$ 978	\$ 818	
Less: Allocation of earnings to net restricted stock awards	—	1	2	2	
Net income available to common shareholders — basic	\$ 332	\$ 386	\$ 976	\$ 816	
Average number of common shares outstanding — basic	206	193	206	193	
Basic Earnings per Common Share	\$ 1.61	\$ 2.00	\$ 4.74	\$ 4.22	
Diluted Earnings per Share					
Net Income Attributable to DTE Energy Company	\$ 332	\$ 387	\$ 978	\$ 818	
Less: Allocation of earnings to net restricted stock awards	—	1	2	2	
Net income available to common shareholders — diluted	\$ 332	\$ 386	\$ 976	\$ 816	
Average number of common shares outstanding — basic	206	193	206	193	
Average performance share awards	—	1	—	1	
Average number of common shares outstanding — diluted	206	194	206	194	
Diluted Earnings per Common Share ^(a)	\$ 1.61	\$ 1.99	\$ 4.74	\$ 4.21	

(a) Equity units excluded from the calculation of diluted EPS were approximately 10.1 million and 10.2 million for the three and nine months ended September 30, 2022, respectively, as the dilutive stock price threshold was not met. The equity units were settled in November 2022 resulting in the issuance of common stock.

	Three Months Ended March 31,	
	2024 2023	
	(In millions, except per share amounts)	
Basic Earnings per Share		
Net Income Attributable to DTE Energy Company	\$ 313	\$ 445
Less: Allocation of earnings to net restricted stock awards	1	1

Net income available to common shareholders — basic	\$ 312	\$ 444
Average number of common shares outstanding — basic	206	206
Basic Earnings per Common Share	\$ 1.51	\$ 2.16
Diluted Earnings per Share		
Net Income Attributable to DTE Energy Company	\$ 313	\$ 445
Less: Allocation of earnings to net restricted stock awards	1	1
Net income available to common shareholders — diluted	\$ 312	\$ 444
Average number of common shares outstanding — basic	206	206
Average performance share awards	1	—
Average number of common shares outstanding — diluted	207	206
Diluted Earnings per Common Share	\$ 1.51	\$ 2.16

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 76 — FAIR VALUE

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in a principal or most advantageous market. Fair value is a market-based measurement that is determined based on inputs, which refer broadly to assumptions that market participants use in pricing assets or liabilities. These inputs can be readily observable, market corroborated, or generally unobservable inputs. The Registrants make certain assumptions they believe that market participants would use in pricing assets or liabilities, including assumptions about risk, and the risks inherent in the inputs to valuation techniques. Credit risk of the Registrants and their counterparties is incorporated in the valuation of assets and liabilities through the use of credit reserves, the impact of which was immaterial at **September 30, 2023** **March 31, 2024** and **December 31, 2022** **December 31, 2023**. The Registrants believe they use valuation techniques that maximize the use of observable market-based inputs and minimize the use of unobservable inputs.

A fair value hierarchy has been established that prioritizes the inputs to valuation techniques used to measure fair value in three broad levels. The fair value hierarchy gives the highest priority to quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). In some cases, the inputs used to measure fair value might fall in different levels of the fair value hierarchy. All assets and liabilities are required to be classified in their entirety based on the lowest level of input that is significant to the fair value measurement in its entirety. Assessing the significance of a particular input may require judgment considering factors specific to the asset or liability and may affect the valuation of the asset or liability and its placement within the fair value hierarchy. The Registrants classify fair value balances based on the fair value hierarchy defined as follows:

- **Level 1** — Consists of unadjusted quoted prices in active markets for identical assets or liabilities that the Registrants have the ability to access as of the reporting date.
- **Level 2** — Consists of inputs other than quoted prices included within Level 1 that are directly observable for the asset or liability or indirectly observable through corroboration with observable market data.
- **Level 3** — Consists of unobservable inputs for assets or liabilities whose fair value is estimated based on internally developed models or methodologies using inputs that are generally less readily observable and supported by little, if any, market activity at the measurement date. Unobservable inputs are developed based on the best available information and subject to cost-benefit constraints.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table presents assets and liabilities for DTE Energy measured and recorded at fair value on a recurring basis:

September 30, 2023				December 31, 2022				March 31, 2024				March 31, 2024			
Level	Level	Level	Net	Level	Level	Level	Net	Level	Level	Level	Net	Level	Level	Level	Net
1	2	3	Other ^(a) Netting ^(b) Balance	1	2	3	Other ^(a) Netting ^(b) Balance	1	2	3	Other ^(a) Netting ^(b) Balance	1	2	3	Other ^(a) Netting ^(b) Balance
(In millions)															
March 31, 2024															
Level				Level				Level				Level			
1	2	3	Netting ^(b) Balance	1	2	3	Netting ^(b) Balance	1	2	3	Netting ^(b) Balance	1	2	3	Netting ^(b) Balance
(In millions)															

Assets		Assets											
Cash	Cash												
equivalents(c)	equivalents(c)	\$ 27	\$ —	\$ —	\$ —	\$ —	\$ 27	\$ 10	\$ —	\$ —	\$ —	\$ —	\$ 10
Cash equivalents(c)													
Cash equivalents(c)													
Nuclear	Nuclear												
decommissioning	decommissioning												
trusts	trusts												
Equity securities	Equity securities												
Equity securities	Equity securities	716	—	—	136	—	852	701	—	—	138	—	839
Fixed income securities	Fixed income securities	105	346	—	91	—	542	115	359	—	89	—	563
Private equity and other	Private equity and other	—	—	—	308	—	308	—	—	—	262	—	262
Hedge funds and similar investments	Hedge funds and similar investments	106	66	—	—	—	172	78	41	—	—	—	119
Cash equivalents	Cash equivalents	39	—	—	—	—	39	42	—	—	—	—	42
Other investments(d)	Other investments(d)												
Equity securities	Equity securities	54	—	—	—	—	54	56	—	—	—	—	56
Equity securities	Equity securities												
Fixed income securities	Fixed income securities	7	—	—	—	—	7	7	—	—	—	—	7
Cash equivalents	Cash equivalents	35	—	—	—	—	35	72	—	—	—	—	72
Other	Other												
Derivative assets	Derivative assets												
Commodity contracts(e)	Commodity contracts(e)												
Commodity contracts(e)	Commodity contracts(e)												
Natural gas	Natural gas	140	143	158	—	(299)	142	426	183	135	—	(649)	95
Electricity		—	223	110	—	(198)	135	—	720	243	—	(643)	320
Environmental & Other		—	154	17	—	(162)	9	—	201	12	—	(196)	17
Other contracts		—	23	—	—	—	23	—	2	—	—	(1)	1
Total derivative assets		140	543	285	—	(659)	309	426	1,106	390	—	(1,489)	433
Total		\$1,229	\$ 955	\$ 285	\$ 535	\$ (659)	\$ 2,345	\$ 1,507	\$ 1,506	\$ 390	\$ 489	\$ (1,489)	\$ 2,403
Liabilities	Liabilities												
Derivative liabilities	Derivative liabilities												
Commodity contracts(e)	Commodity contracts(e)												
Natural gas	Natural gas												
Natural gas	Natural gas	\$ (124)	\$ (166)	\$ (186)	\$ —	\$ 301	\$ (175)	\$ (297)	\$ (331)	\$ (390)	\$ —	\$ 645	\$ (373)
Electricity	Electricity	—	(212)	(106)	—	208	(110)	—	(659)	(276)	—	665	(270)
Environmental & Other	Environmental & Other	—	(169)	(6)	—	162	(13)	—	(213)	(1)	—	201	(13)
Other contracts	Other contracts	—	(1)	—	—	—	(1)	—	(2)	—	—	1	(1)
Other contracts	Other contracts												
Other contracts	Other contracts												

Total													
derivative assets													
Total													
Liabilities													
Liabilities													
Derivative liabilities													
Derivative liabilities													
Derivative liabilities													
Commodity contracts ^(e)													
Commodity contracts ^(e)													
Commodity contracts ^(e)													
Natural gas													
Natural gas													
Natural gas													
Electricity													
Environmental & Other													
Other contracts													
Other contracts													
Total													
Total													
Total	Total	\$ (124)	\$ (548)	\$ (298)	\$ —	\$ 671	\$ (299)	\$ (297)	\$ (1,205)	\$ (667)	\$ —	\$ 1,512	\$ (657)
Net Assets	Net Assets												
(Liabilities) at end of period	(Liabilities) at end of period	\$ 1,105	\$ 407	\$ (13)	\$ 535	\$ 12	\$ 2,046	\$ 1,210	\$ 301	\$ (277)	\$ 489	\$ 23	\$ 1,746
Assets	Assets												
Current													
Current													
Current	Current	\$ 137	\$ 427	\$ 196	\$ —	\$ (505)	\$ 255	\$ 360	\$ 881	\$ 286	\$ —	\$ (1,189)	\$ 338
Noncurrent	Noncurrent	1,092	528	89	535	(154)	2,090	1,147	625	104	489	(300)	2,065
Total Assets	Total Assets	\$1,229	\$ 955	\$ 285	\$ 535	\$ (659)	\$ 2,345	\$ 1,507	\$ 1,506	\$ 390	\$ 489	\$ (1,489)	\$ 2,403
Liabilities	Liabilities												
Current	Current	\$ (101)	\$ (410)	\$ (146)	\$ —	\$ 512	\$ (145)	\$ (273)	\$ (876)	\$ (386)	\$ —	\$ 1,193	\$ (342)
Current													
Current													
Noncurrent	Noncurrent	(23)	(138)	(152)	—	159	(154)	(24)	(329)	(281)	—	319	(315)
Total	Total												
Liabilities	Liabilities												
Net Assets	Net Assets												
(Liabilities) at end of period	(Liabilities) at end of period	\$ 1,105	\$ 407	\$ (13)	\$ 535	\$ 12	\$ 2,046	\$ 1,210	\$ 301	\$ (277)	\$ 489	\$ 23	\$ 1,746

- (a) Amounts represent assets valued at NAV as a practical expedient for fair value.
- (b) Amounts represent the impact of master netting agreements that allow DTE Energy to net gain and loss positions and cash collateral held or placed with the same counterparties.
- (c) Amounts include \$25 million \$19 million and \$10 million of cash equivalents \$11 million recorded in Restricted cash on DTE Energy's Consolidated Statements of Financial Position at September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively. All other amounts are included in Cash and cash equivalents on DTE Energy's Consolidated Statements of Financial Position.
- (d) Excludes cash surrender value of life insurance investments and certain securities classified as held-to-maturity that are recorded at amortized cost and not material to the consolidated financial statements.
- (e) For contracts with a clearing agent, DTE Energy nets all activity across commodities. This can result in some individual commodities having a contra balance.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table presents assets for DTE Electric measured and recorded at fair value on a recurring basis as of:

	September 30, 2023				December 31, 2022						
	Level 1		Level 2		Net	Level 1		Level 2			
	1	2	3	Other(a)	Balance	1	2	3	Other(a)	Balance	
(In millions)											
March 31, 2024										March 31, 2024	
Level 1										December 31, 2023	
(In millions)										(In millions)	
Assets	Assets										
Cash equivalents(b)	Cash equivalents(b)										
	\$ 23	\$ —	\$ —	\$ —	\$ 23	\$ 9	\$ —	\$ —	\$ —	\$ 9	
Cash equivalents(b)	Cash equivalents(b)										
Nuclear decommissioning trusts	Nuclear decommissioning trusts										
Equity securities	Equity securities										
Equity securities	Equity securities										
Equity securities	716	—	—	136	852	701	—	—	138	839	
Fixed income securities	Fixed income securities										
Fixed income securities	105	346	—	91	542	115	359	—	89	563	
Private equity and other	Private equity and other										
Private equity and other	—	—	—	308	308	—	—	—	262	262	
Hedge funds and similar investments	Hedge funds and similar investments										
Hedge funds and similar investments	106	66	—	—	172	78	41	—	—	119	
Cash equivalents	Cash equivalents										
Cash equivalents	39	—	—	—	39	42	—	—	—	42	
Other investments	Other investments										
Equity securities	Equity securities										
Equity securities	19	—	—	—	19	16	—	—	—	16	
Equity securities	Equity securities										
Equity securities	Equity securities										
Cash equivalents	Cash equivalents										
Cash equivalents	12	—	—	—	12	11	—	—	—	11	
Derivative assets — FTRs	Derivative assets — FTRs										
Derivative assets — FTRs	—	—	10	—	10	—	—	—	11	—	11
Total	Total									\$ 1,020	
Assets	Assets										
Assets	Assets										
Current	Current										
Current	Current										
Current	\$ 23	\$ —	\$ 10	\$ —	\$ 33	\$ 9	\$ —	\$ 11	\$ —	\$ 20	
Noncurrent	Noncurrent										
Noncurrent	997	412	—	535	1,944	963	400	—	489	1,852	
Total Assets	Total Assets										
Total Assets	Total Assets										
Total Assets	\$ 1,020	\$ 412	\$ 10	\$ 535	\$ 1,977	\$ 972	\$ 400	\$ 11	\$ 489	\$ 1,872	

(a) Amounts represent assets valued at NAV as a practical expedient for fair value.

(b) Cash equivalents of \$23 million. Amounts include \$19 million and \$9 million are included \$11 million recorded in Restricted cash on DTE Electric's Consolidated Statements of Financial Position at September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively. All other amounts are included in Cash and cash equivalents on DTE Electric's Consolidated Statements of Financial Position.

Cash Equivalents

Cash equivalents include investments with maturities of three months or less when purchased. The cash equivalents shown in the fair value table are comprised of short-term investments and in money market funds. funds and time deposit accounts. The fair value of the time deposit investments does not include quoted prices but is otherwise directly observable.

Nuclear Decommissioning Trusts and Other Investments

The nuclear decommissioning trusts and other investments hold debt and equity securities directly and indirectly through commingled funds. Exchange-traded debt and equity securities held directly, as well as publicly-traded commingled funds, are valued using quoted market prices in actively traded markets. Non-exchange traded fixed income securities are valued based upon quotations available from brokers or pricing services.

Non-publicly traded commingled funds holding exchange-traded equity or debt securities are valued based on stated NAVs. There are no significant restrictions for these funds and investments may be redeemed with 7 to 65 days notice depending on the fund. There is no intention to sell the investment in these commingled funds.

Private equity and other assets include a diversified group of funds that are classified as NAV assets. These funds primarily invest in limited partnerships, including private equity, private real estate and private credit. Distributions are received through the liquidation of the underlying fund assets over the life of the funds. There are generally no redemption rights. The limited partner must hold the fund for its life or find a third-party buyer, which may need to be approved by the general partner. The funds are established with varied contractual durations generally in the range of 7 years to 12 years. The fund life can often be extended by several years by the general partner, and further extended with the approval of the limited partners. Unfunded commitments related to these investments totaled \$158 million \$150 million and \$177 million \$157 million as of September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Hedge funds and similar investments utilize a diversified group of strategies that attempt to capture uncorrelated sources of return. These investments include publicly traded mutual funds that are valued using quoted prices in actively traded markets, as well as insurance-linked and asset-backed securities that are valued using quotations from broker or pricing services.

For pricing the nuclear decommissioning trusts and other investments, a primary price source is identified by asset type, class, or issue for each security. The trustee monitors prices supplied by pricing services and may use a supplemental price source or change the primary source of a given security if the trustee determines that another price source is considered preferable. The Registrants have obtained an understanding of how these prices are derived, including the nature and observability of the inputs used in deriving such prices.

Derivative Assets and Liabilities

Derivative assets and liabilities are comprised of physical and financial derivative contracts, including futures, forwards, options, and swaps that are both exchange-traded and over-the-counter traded contracts. Various inputs are used to value derivatives depending on the type of contract and availability of market data. Exchange-traded derivative contracts are valued using quoted prices in active markets. The Registrants consider the following criteria in determining whether a market is considered active: frequency in which pricing information is updated, variability in pricing between sources or over time, and the availability of public information. Other derivative contracts are valued based upon a variety of inputs including commodity market prices, broker quotes, interest rates, credit ratings, default rates, market-based seasonality, and basis differential factors. The Registrants monitor the prices that are supplied by brokers and pricing services and may use a supplemental price source or change the primary price source of an index if prices become unavailable or another price source is determined to be more representative of fair value. The Registrants have obtained an understanding of how these prices are derived. Additionally, the Registrants selectively corroborate the fair value of their transactions by comparison of market-based price sources. Mathematical valuation models are used for derivatives for which external market data is not readily observable, such as contracts which extend beyond the actively traded reporting period. The Registrants have established a Risk Management Committee whose responsibilities include directly or indirectly ensuring all valuation methods are applied in accordance with predefined policies. The development and maintenance of the Registrants' forward price curves has been assigned to DTE Energy's Risk Management Department, which is separate and distinct from the trading functions within DTE Energy.

The following tables present the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for DTE Energy:

	Three Months Ended September 30, 2023				Three Months Ended September 30, 2022			
	Natural Gas	Electricity	Other	Total	Natural Gas	Electricity	Other	Total
	(In millions)							
Net Assets (Liabilities) as of June 30	\$ (54)	\$ (4)	\$ 16	\$ (42)	\$ (362)	\$ (96)	\$ 30	\$ (428)
Transfers into Level 3 from Level 2	—	—	—	—	(3)	—	—	(3)
Transfers from Level 3 into Level 2	—	—	—	—	—	—	(5)	(5)
Total gains (losses)								
Included in earnings ^(a)	1	79	(1)	79	(32)	40	(1)	7
Recorded in Regulatory liabilities	—	—	(2)	(2)	—	—	(4)	(4)
Purchases, issuances, and settlements								
Settlements	25	(71)	(2)	(48)	84	(20)	(5)	59

Net Assets (Liabilities) as of September 30	\$ (28)	\$ 4	\$ 11	\$ (13)	\$ (313)	\$ (76)	\$ 15	\$ (374)
Total gains (losses) included in Net Income attributed to the change in unrealized gains (losses) related to assets and liabilities held at September 30(a)	\$ 4	\$ 26	\$ (6)	\$ 24	\$ 29	\$ 37	\$ (5)	\$ 61
Total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at September 30	\$ —	\$ —	\$ 1	\$ 1	\$ —	\$ —	\$ (1)	\$ (1)

	Three Months Ended March 31, 2024				Three Months Ended March 31, 2023			
	Natural Gas	Electricity	Other	Total	Natural Gas	Electricity	Other	Total
	(In millions)							
Net Assets (Liabilities) as of December 31	\$ 22	\$ 47	\$ 6	\$ 75	\$ (255)	\$ (33)	\$ 11	\$ (277)
Total gains (losses)								
Included in earnings(a)	(25)	(3)	(1)	(29)	151	(45)	1	107
Recorded in Regulatory liabilities	—	—	(2)	(2)	—	—	(9)	(9)
Purchases, issuances, and settlements								
Settlements	—	(69)	(1)	(70)	42	40	(1)	81
Net Assets (Liabilities) as of March 31	\$ (3)	\$ (25)	\$ 2	\$ (26)	\$ (62)	\$ (38)	\$ 2	\$ (98)
Total gains (losses) included in Net Income attributed to the change in unrealized gains (losses) related to assets and liabilities held at March 31(a)	\$ (39)	\$ 1	\$ —	\$ (38)	\$ 94	\$ 19	\$ 1	\$ 114
Total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at March 31	\$ —	\$ —	\$ 2	\$ 2	\$ —	\$ —	\$ (2)	\$ (2)

(a) Amounts are reflected in Operating Revenues — Non-utility operations and Fuel, purchased power, gas, and other — non-utility in DTE Energy's Consolidated Statements of Operations.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

	Nine Months Ended September 30, 2023				Nine Months Ended September 30, 2022			
	Natural Gas	Electricity	Other	Total	Natural Gas	Electricity	Other	Total
	(In millions)							
Net Assets (Liabilities) as of December 31	\$ (255)	\$ (33)	\$ 11	\$ (277)	\$ (179)	\$ (45)	\$ 9	\$ (215)
Transfers from Level 3 into Level 2	—	—	—	—	5	—	—	5
Total gains (losses)								
Included in earnings(a)	163	109	1	273	(382)	22	1	(359)
Recorded in Regulatory liabilities	—	—	3	3	—	—	20	20
Purchases, issuances, and settlements								
Settlements	64	(72)	(4)	(12)	243	(53)	(15)	175
Net Assets (Liabilities) as of September 30	\$ (28)	\$ 4	\$ 11	\$ (13)	\$ (313)	\$ (76)	\$ 15	\$ (374)
Total gains (losses) included in Net Income attributed to the change in unrealized gains (losses) related to assets and liabilities held at September 30(a)	\$ 94	\$ 94	\$ (36)	\$ 152	\$ (248)	\$ (2)	\$ (31)	\$ (281)
Total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at September 30	\$ —	\$ —	\$ 10	\$ 10	\$ —	\$ —	\$ 16	\$ 16

(a) Amounts are reflected in Operating Revenues — Non-utility operations and Fuel, purchased power, gas, and other — non-utility in DTE Energy's Consolidated Statements of Operations.

The following table presents the fair value reconciliation of Level 3 assets and liabilities measured at fair value on a recurring basis for DTE Electric:

Three Months Ended September 30,	Nine Months Ended September 30,

	2023	2022	2023	2022
	(In millions)			
Three Months Ended March 31, 2024				
Three Months Ended March 31, 2023				
Three Months Ended March 31, 2022				
2024	2024	2023	2023	(In millions)
Net Assets as of beginning of period	\$ 14	\$ 25	\$ 11	\$ 9
Total gains (losses) recorded in Regulatory liabilities	(2)	(4)	3	20
Total losses recorded in Regulatory liabilities				
Purchases, issuances, and settlements				
Settlements	(2)	(5)	(4)	(13)
Net Assets as of September 30	\$ 10	\$ 16	\$ 10	\$ 16
Total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at September 30	\$ 1	\$ (1)	\$ 10	\$ 16
Settlements				
Net Assets as of March 31				
Total gains (losses) included in Regulatory liabilities attributed to the change in unrealized gains (losses) related to assets and liabilities held at March 31				

Derivatives are transferred between levels primarily due to changes in the source data used to construct price curves as a result of changes in market liquidity. Transfers in and transfers out are reflected as if they had occurred at the beginning of the period. There were no transfers from or into Level 3 for DTE Electric during the three and nine months ended **months ended September 30, 2023** **March 31, 2024** and **2022**.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

2023.

The following tables present the unobservable inputs related to DTE Energy's Level 3 assets and liabilities:

		September 30, 2023		March 31, 2024			
Commodity Contracts	Commodity Contracts	Derivative Assets	Derivative Liabilities	Valuation Techniques	Unobservable Input	Weighted Average	
(In millions)							
Commodity Contracts							
Commodity Contracts	Commodity Contracts	Derivative Assets	Derivative Liabilities	Valuation Techniques	Unobservable Input	Weighted Average	
(In millions)							
Natural Gas							
Natural Gas							
Forward basis							
Discounted basis price							
Natural Gas	Natural Gas	\$ 158	\$ (186)	Cash Flow (per MMBtu)	\$ (1.69) — \$ 4.79 /MMBtu	\$ 0.01 /MMBtu	
					\$ 119	\$ (122)	
Forward basis							
Discounted basis price							
Electricity	Electricity	\$ 110	\$ (106)	Cash Flow (per MWh)	\$ (17.56) — \$ 12.03 /MWh	\$ (4.15) /MWh	
					\$ 77	\$ (102)	
December 31, 2022							
December 31, 2023							
Commodity Contracts	Commodity Contracts	Derivative Assets	Derivative Liabilities	Valuation Techniques	Unobservable Input	Weighted Average	
(In millions)							
Commodity Contracts							
Commodity Contracts	Commodity Contracts	Derivative Assets	Derivative Liabilities	Valuation Techniques	Unobservable Input	Weighted Average	
(In millions)							
Natural Gas							
Natural Gas							
Forward basis							
Discounted price (per MMBtu)							
Natural Gas	Natural Gas	\$ 135	\$ (390)	Cash Flow MMBtu	\$ (1.91) — \$ 39.94 /MMBtu	\$ 0.18 /MMBtu	
					\$ 179	\$ (157)	
Forward basis							
Discounted price (per MWh)							
Electricity	Electricity	\$ 243	\$ (276)	Cash Flow MWh	\$ (29.41) — \$ 15.00 /MWh	\$ (3.04) /MWh	
					\$ 163	\$ (116)	

The unobservable inputs used in the fair value measurement of the electricity and natural gas commodity types consist of inputs that are less observable due in part to lack of available broker quotes, supported by little, if any, market activity at the measurement date or are based on internally developed models. Certain basis prices (i.e., the difference in pricing between two locations) included in the valuation of natural gas and electricity contracts were deemed unobservable. The weighted average price for unobservable inputs was calculated using the average of forward price curves for natural gas and electricity and the absolute value of monthly volumes.

The inputs listed above would have had a direct impact on the fair values of the above security types if they were adjusted. A significant increase (decrease) in the basis price would have resulted in a higher (lower) fair value for long positions, with offsetting impacts to short positions.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Fair Value of Financial Instruments

The following table presents the carrying amount and fair value of financial instruments for DTE Energy:

		September 30, 2023		December 31, 2022			
		Carrying	Fair Value	Carrying	Fair Value		
		Level	Level	Level	Level		
		Amount	1	Level 2	3	Amount	1
(In millions)							
March 31, 2024							
				Carrying		Fair Value	
				Amount	Level 1	Level 2	Level 3
(In millions)							
Notes receivable(a), excluding lessor finance leases	Notes receivable(a), excluding lessor finance leases						
Short-term borrowings	Short-term borrowings						
Notes payable(b)	Notes payable(b)						
Long-term debt(c)	Long-term debt(c)						

(a) Current portion included in Current Assets — Other on DTE Energy's Consolidated Statements of Financial Position.

(b) Included in Current Liabilities — Other and Other Liabilities — Other on DTE Energy's Consolidated Statements of Financial Position.

(c) Includes debt due within one year and excludes finance lease obligations. Carrying value also includes unamortized debt discounts and issuance costs.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table presents the carrying amount and fair value of financial instruments for DTE Electric:

		September 30, 2023		December 31, 2022			
		Carrying	Fair Value	Carrying	Fair Value		
		Level	Level	Level	Level		
		Amount	1	Level 2	3	Amount	1
(In millions)							
March 31, 2024							
				Carrying		Fair Value	
				Amount	Level 1	Level 2	Level 3
(In millions)							
Notes receivable(a)	Notes receivable(a)						
Short-term borrowings — affiliates	Short-term borrowings — affiliates						
Notes receivable(a)	Notes receivable(a)						
Short-term borrowings — other	Short-term borrowings — other						
Short-term borrowings — other	Short-term borrowings — other						

Short-term borrowings	Short-term borrowings
— other	\$ 656 \$ — \$ 656 \$ — \$ 568 \$ — \$ 568 \$ —
Notes payable ^(b)	Notes payable ^(b) \$ 20 \$ — \$ — \$ 20 \$ 17 \$ — \$ — \$ 17
Long-term debt ^(c)	Long-term debt ^(c) \$10,865 \$ — \$8,994 \$126 \$ 9,696 \$ — \$8,289 \$128

(a) Included in Current Assets — Other and Other Assets — Other on DTE Electric's Consolidated Statements of Financial Position.

(b) Included in Current Liabilities — Other and Other Liabilities — Other on DTE Electric's Consolidated Statements of Financial Position.

(c) Includes debt due within one year and excludes finance lease obligations. Carrying value also includes unamortized debt discounts and issuance costs.

For further fair value information on financial and derivative instruments, see Note 8⁷ to the Consolidated Financial Statements, "Financial and Other Derivative Instruments."

Nuclear Decommissioning Trust Funds

DTE Electric has a legal obligation to decommission its nuclear power plants following the expiration of its operating licenses. This obligation is reflected as an Asset retirement obligation on DTE Electric's Consolidated Statements of Financial Position. Rates approved by the MPSC provide for the recovery of decommissioning costs of Fermi 2 and the disposal of low-level radioactive waste.

The following table summarizes DTE Electric's fair value of the nuclear decommissioning trust fund assets:

	September 30, 2023	December 31, 2022	
	(In millions)		
	March 31, 2024	March 31, 2024	December 31, 2023
	(In millions)		(In millions)
Fermi 2	Fermi 2 \$ 1,898	\$ 1,807	
Fermi 1	Fermi 1 3	3	
Low-level radioactive waste	Low-level radioactive waste 12	15	
	\$ 1,913	\$ 1,825	
	\$		

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The costs of securities sold are determined on the basis of specific identification. The following table sets forth DTE Electric's gains and losses and proceeds from the sale of securities by the nuclear decommissioning trust funds:

Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023
(In millions)	
Three Months Ended March 31, 2023	
Three Months Ended March 31, 2022	

Three Months Ended March 31,		2024			2023		
		(In millions)			(In millions)		
Realized gains	Realized gains	\$ 5	\$ 19	\$ 24	\$ 65		
Realized losses	Realized losses	\$ (6)	\$ (19)	\$ (32)	\$ (42)		
Proceeds from sale of securities	Proceeds from sale of securities	\$104	\$194	\$527	\$707		

Realized gains and losses from the sale of securities and unrealized gains and losses incurred by the Fermi 2 trust are recorded to Regulatory assets and the Nuclear decommissioning liability. Realized gains and losses from the sale of securities and unrealized gains and losses on the low-level radioactive waste funds are recorded to the Nuclear decommissioning liability.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table sets forth DTE Electric's fair value and unrealized gains and losses for the nuclear decommissioning trust funds:

	September 30, 2023		December 31, 2022			March 31, 2024		December 31, 2023		
	Fair Value	Unrealized Gains	Unrealized Losses	Fair Value	Unrealized Gains	Unrealized Losses	Fair Value	Unrealized Gains	Unrealized Losses	
	(In millions)						(In millions)			
March 31, 2024										
	Fair Value			Fair Value	Unrealized Gains	Unrealized Losses	Fair Value	Unrealized Gains	Unrealized Losses	
	(In millions)						(In millions)			
Equity securities	Equity securities	\$ 852	\$ 388	\$ (19)	\$ 839	\$ 342	\$ (23)			
Fixed income securities	Fixed income securities	542	—	(53)	563	1	(56)			
Private equity and other	Private equity and other	308	76	(7)	262	63	(5)			
Hedge funds and similar investments	Hedge funds and similar investments	172	3	(14)	119	—	(18)			
Cash equivalents	Cash equivalents	39	—	—	42	—	—			
		\$1,913	\$ 467	\$ (93)	\$1,825	\$ 406	\$ (102)			
		\$								

The following table summarizes the fair value of the fixed income securities held in nuclear decommissioning trust funds by contractual maturity:

	September 30, 2023	March 31, 2024
	(In millions)	
Due within one year	\$ 710	710
Due after one through five years	105108	105108
Due after five through ten years	86101	86101
Due after ten years	253275	253275
	\$ 451494	451494

Fixed income securities held in nuclear decommissioning trust funds include \$91 million \$99 million of non-publicly traded commingled funds that do not have a contractual maturity date.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Other Securities

At September 30, 2023 and December 31, 2022 March 31, 2024, DTE Energy's Energy had \$200 million invested in time deposit accounts with a maturity of greater than three months, which is included in Current investments on the Consolidated Statements of Financial Position. The investment does not include quoted prices, but the fair value is otherwise directly observable.

At March 31, 2024 and December 31, 2023, DTE Energy securities included in Other long-term investments on the Consolidated Statements of Financial Position were comprised primarily of investments within DTE Energy's rabbi trust. The rabbi trust is comprised primarily of trading securities recorded at fair value, as well as debt securities classified as held-to-maturity and recorded at amortized cost. The trust was established to fund certain non-qualified pension benefits, and therefore changes in market value of the trading securities and interest on the held-to-maturity securities are recognized in earnings. Gains and losses are allocated from DTE Energy to DTE Electric and are included in Other Income or Other Expense, respectively, in the Registrants' Consolidated Statements of Operations. Gains (losses) related to the trading securities were immaterial for the three and nine months ended September 30, 2023 March 31, 2024 and 2022, 2023, respectively.

NOTE 87 — FINANCIAL AND OTHER DERIVATIVE INSTRUMENTS

The Registrants recognize all derivatives at their fair value as Derivative assets or liabilities on their respective Consolidated Statements of Financial Position unless they qualify for certain scope exceptions, including the normal purchases and normal sales exception. Further, derivatives that qualify and are designated for hedge accounting are classified as either hedges of a forecasted transaction or the variability of cash flows to be received or paid related to a recognized asset or liability (cash flow hedge); or as hedges of the fair value of a recognized asset or liability or of an unrecognized firm commitment (fair value hedge). For cash flow hedges, the derivative gain or loss is deferred in Accumulated other comprehensive income (loss) and later reclassified into earnings when the underlying transaction occurs. For fair value hedges, changes in fair values for the derivative and hedged item are recognized in earnings each period. For derivatives that do not qualify or are not designated for hedge accounting, changes in fair value are recognized in earnings each period.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The Registrants' primary market risk exposure is associated with commodity prices, credit, and interest rates. The Registrants have risk management policies to monitor and manage market risks. The Registrants use derivative instruments to manage some of the exposure. DTE Energy uses derivative instruments for trading purposes in its Energy Trading segment. Contracts classified as derivative instruments include electricity, natural gas, oil, certain environmental contracts, forwards, futures, options, swaps, and foreign currency exchange contracts. Items not classified as derivatives include natural gas and environmental inventory, pipeline transportation contracts, certain environmental contracts, and natural gas storage assets.

DTE Electric — DTE Electric generates, purchases, distributes, and sells electricity. DTE Electric uses forward contracts to manage changes in the price of electricity and fuel. Substantially all of these contracts meet the normal purchases and normal sales exception and are therefore accounted for under the accrual method. Other derivative contracts are MTM and recoverable through the PSCR mechanism when settled. This results in the deferral of unrealized gains and losses as Regulatory assets or liabilities until realized.

DTE Gas — DTE Gas purchases, stores, transports, distributes, and sells natural gas, and buys and sells transportation and storage capacity. DTE Gas has fixed-priced contracts for portions of its expected natural gas supply requirements through March 2026, 2027. Substantially all of these contracts meet the normal purchases and normal sales exception and are therefore accounted for under the accrual method. Forward transportation and storage contracts are generally not derivatives and are therefore accounted for under the accrual method.

DTE Vantage — This segment manages and operates renewable gas recovery projects, power generation assets, and other customer specific energy solutions. Long-term contracts and hedging instruments are used in the marketing and management of the segment assets. These contracts and hedging instruments are generally not derivatives and are therefore accounted for under the accrual method.

Energy Trading — Commodity Price Risk — Energy Trading markets and trades electricity, natural gas physical products, and energy financial instruments, and provides energy and asset management services utilizing energy commodity derivative instruments. Forwards, futures, options, and swap agreements are used to manage exposure to the risk of market price and volume fluctuations in its operations. These derivatives are accounted for by recording changes in fair value to earnings unless hedge accounting criteria are met.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Energy Trading — Foreign Currency Exchange Risk — Energy Trading has foreign currency exchange forward contracts to economically hedge fixed Canadian dollar commitments existing under natural gas and power purchase and sale contracts and natural gas transportation contracts. Energy Trading enters into these contracts to mitigate price volatility with respect to fluctuations of the Canadian dollar relative to the U.S. dollar. These derivatives are accounted for by recording changes in fair value to earnings unless hedge accounting criteria are met.

Corporate and Other — Interest Rate Risk — DTE Energy may use interest rate swaps, treasury locks, and other derivatives to hedge the risk associated with interest rate market volatility.

Credit Risk — DTE Energy maintains credit policies that significantly minimize overall credit risk. These policies include an evaluation of potential customers' and counterparties' financial condition, including the viability of underlying productive assets, credit rating, collateral requirements, or other credit enhancements such as letters of credit or guarantees. DTE Energy generally uses standardized agreements that allow the netting of positive and negative transactions associated with a single counterparty. DTE Energy maintains a provision for credit losses based on factors surrounding the credit risk of its customers, historical trends, and other information. Based on DTE Energy's credit policies and its **September 30, 2023** **March 31, 2024** provision for credit losses, DTE Energy's exposure to counterparty nonperformance is not expected to have a material adverse effect on DTE Energy's Consolidated Financial Statements.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Derivative Activities

DTE Energy manages its MTM risk on a portfolio basis based upon the delivery period of its contracts and the individual components of the risks within each contract. Accordingly, it records and manages the energy purchase and sale obligations under its contracts in separate components based on the commodity (e.g. electricity or natural gas), the product (e.g. electricity for delivery during peak or off-peak hours), the delivery location (e.g. by region), the risk profile (e.g. forward or option), and the delivery period (e.g. by month and year). The following describes the categories of activities represented by their operating characteristics and key risks:

- **Asset Optimization** — Represents derivative activity associated with assets owned and contracted by DTE Energy, including forward natural gas purchases and sales, natural gas transportation, and storage capacity. Changes in the value of derivatives in this category typically economically offset changes in the value of underlying non-derivative positions, which do not qualify for fair value accounting. The difference in accounting treatment of derivatives in this category and the underlying non-derivative positions can result in significant earnings volatility.
- **Marketing and Origination** — Represents derivative activity transacted by originating substantially hedged positions with wholesale energy marketers, producers, end-users, utilities, retail aggregators, and alternative energy suppliers.
- **Fundamentals Based Trading** — Represents derivative activity transacted with the intent of taking a view, capturing market price changes, or putting capital at risk. This activity is speculative in nature as opposed to hedging an existing exposure.
- **Other** — Includes derivative activity at DTE Electric related to FTRs. Changes in the value of derivative contracts at DTE Electric are recorded as Derivative assets or liabilities, with an offset to Regulatory assets or liabilities as the settlement value of these contracts will be included in the PSCR mechanism when realized.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table presents the fair value of derivative instruments for DTE Energy:

		September 30, 2023	December 31, 2022		
		Derivative Assets	Derivative Liabilities	Derivative Assets	Derivative Liabilities
		(In millions)			
	March 31, 2024			March 31, 2024	
	Derivative Assets		Derivative Assets	Derivative Liabilities	Derivative Liabilities
	Assets		Assets	Liabilities	Liabilities

		(In millions)							
Derivatives	Derivatives								
designated as	designated as								
hedging	hedging								
instruments	instruments								
Interest rate contracts	Interest rate contracts								
Interest rate contracts	Interest rate contracts								
Interest rate contracts	Interest rate contracts	\$ 22	\$ —	\$ 1	\$ —				
Foreign currency exchange contracts	Foreign currency exchange contracts	—	(1)	—	(2)				
Total derivatives	Total derivatives	—	(1)	—	(2)				
designated as	designated as								
hedging	hedging								
instruments	instruments	\$ 22	\$ (1)	\$ 1	\$ (2)				
Derivatives not	Derivatives not								
designated as	designated as								
hedging	hedging								
instruments	instruments								
Derivatives not designated as	Derivatives not designated as								
hedging instruments	hedging instruments								
Commodity contracts	Commodity contracts								
Commodity contracts	Commodity contracts								
Natural gas	Natural gas								
Natural gas	Natural gas	\$ 441	\$ (476)	\$ 744	\$ (1,018)				
Electricity	Electricity	333	(318)	963	(935)				
Environmental & Other	Environmental & Other	171	(175)	213	(214)				
Foreign currency exchange contracts	Foreign currency exchange contracts	1	—	1	—				
Total derivatives	Total derivatives	—	(1)	—	(1)				
not designated as hedging instruments	not designated as hedging instruments								
Current	Current	\$ 946	\$ (969)	\$ 1,921	\$ (2,167)				
Noncurrent	Noncurrent	733	(657)	1,517	(1,535)				
Total derivatives	Total derivatives	\$ 968	\$ (970)	\$ 1,922	\$ (2,169)				

The fair value of derivative instruments at DTE Electric was \$10 million \$3 million and \$11 million \$7 million at September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively, comprised of FTRs recorded to Current Assets - Other on the Consolidated Statements of Financial Position and not designated as hedging instruments.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Certain of DTE Energy's derivative positions are subject to netting arrangements which provide for offsetting of asset and liability positions as well as related cash collateral. Such netting arrangements generally do not have restrictions. Under such netting arrangements, DTE Energy offsets the fair value of derivative instruments with cash collateral received or paid for those contracts executed with the same counterparty, which reduces DTE Energy's Total Assets and Liabilities. Cash collateral is allocated between the fair value of derivative instruments and customer accounts receivable and payable with the same counterparty on a pro-rata basis to the extent there is exposure. Any cash collateral remaining, after the exposure is netted to zero, is reflected in Accounts receivable and Accounts payable as collateral paid or received, respectively.

DTE Energy also provides and receives collateral in the form of letters of credit which can be offset against net Derivative assets and liabilities as well as Accounts receivable and payable. DTE Energy had \$1 million of letters of credit of \$3 million issued and outstanding at September 30, 2023 March 31, 2024 and \$81 million at December 31, 2022 December 31, 2023, which could be used to offset net Derivative liabilities. Letters of credit received from third parties which could be used to offset net Derivative assets were \$18 million \$4 million and \$82 million \$10 million at September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively. Such balances of letters of credit are excluded from the tables below and are not netted with the recognized assets and liabilities in DTE Energy's Consolidated Statements of Financial Position.

For contracts with certain clearing agents, the fair value of derivative instruments is netted against realized positions with the net balance reflected as either 1) a Derivative asset or liability or 2) an Account receivable or payable. Other than certain clearing agents, Accounts receivable and Accounts payable that are subject to netting arrangements have not been offset against the fair value of Derivative assets and liabilities.

The following table presents net cash collateral offsetting arrangements for DTE Energy:

	September 30, 2023	December 31, 2022
	(In millions)	
Cash collateral netted against Derivative assets	\$ —	(90)
Cash collateral netted against Derivative liabilities	12	113
Cash collateral recorded in Accounts receivable ^(a)	52	77
Cash collateral recorded in Accounts payable ^(a)	(15)	(27)
Total net cash collateral posted (received)	\$ 49	\$ 73

(a) Amounts are recorded net by counterparty.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The following table presents net cash collateral offsetting arrangements for DTE Energy:

	March 31, 2024	December 31, 2023
	(In millions)	
Cash collateral netted against Derivative assets	\$ (2)	—
Cash collateral netted against Derivative liabilities	49	72
Cash collateral recorded in Accounts receivable ^(a)	58	57
Cash collateral recorded in Accounts payable ^(a)	(4)	(3)
Total net cash collateral posted (received)	\$ 101	\$ 126

(a) Amounts are recorded net by counterparty.

The following table presents the netting offsets of Derivative assets and liabilities for DTE Energy:

September 30, 2023			December 31, 2022		
Net Amounts of Assets			Net Amounts of Assets		
Gross	(Liabilities)		Gross	(Liabilities)	
Amounts	Presented in		Amounts	Presented in	
Gross	Offset in the	the	Gross	Offset in the	the
Amounts of	Consolidated	Consolidated	Amounts of	Consolidated	Consolidated
Recognized	Statements	Statements	Recognized	Statements	Statements
Assets	of Financial	of Financial	Assets	of Financial	of Financial
(Liabilities)	Position	Position	(Liabilities)	Position	Position
(In millions)					
March 31, 2024			March 31, 2024		
December 31, 2023			December 31, 2023		

									Net Amounts of Assets	
									Gross Amounts	
									Offset in the Consolidated Statements of Assets (Liabilities)	Gross (Liabilities)
Gross Amounts of Recognized Assets (Liabilities)									Presented in the Consolidated Statements of Financial Position	Presented in the Consolidated Statements of Financial Position
(In millions)									(In millions)	
Derivative assets		Derivative assets								
Commodity contracts(a)	Commodity contracts(a)									
Commodity contracts(a)										
Commodity contracts(a)										
Natural gas										
Natural gas	Natural gas	\$ 441	\$ (299)	\$ 142	\$ 744	\$ (649)	\$ 95			
Electricity	Electricity	333	(198)	135	963	(643)	320			
Environmental & Other	Environmental & Other	171	(162)	9	213	(196)	17			
Interest rate contracts	Interest rate contracts	22	—	22	1	—	1			
Foreign currency exchange contracts	Foreign currency exchange contracts	1	—	1	1	(1)	—			
Total derivative assets	Total derivative assets	\$ 968	\$ (659)	\$ 309	\$ 1,922	\$ (1,489)	\$ 433			
Derivative liabilities		Derivative liabilities								
Derivative liabilities										
Commodity contracts(a)	Commodity contracts(a)									
Commodity contracts(a)										
Commodity contracts(a)										
Natural gas										
Natural gas	Natural gas	\$ (476)	\$ 301	\$ (175)	\$ (1,018)	\$ 645	\$ (373)			
Electricity	Electricity	(318)	208	(110)	(935)	665	(270)			
Environmental & Other	Environmental & Other	(175)	162	(13)	(214)	201	(13)			
Interest rate contracts										
Foreign currency exchange contracts	Foreign currency exchange contracts	(1)	—	(1)	(2)	1	(1)			
Total derivative liabilities	Total derivative liabilities	\$ (970)	\$ 671	\$ (299)	\$ (2,169)	\$ 1,512	\$ (657)			

(a) For contracts with a clearing agent, DTE Energy nets all activity across commodities. This can result in some individual commodities having a contra balance.

The following table presents the netting offsets of Derivative assets and liabilities showing the reconciliation of derivative instruments to DTE Energy's Consolidated Statements of Financial Position:

	September 30, 2023				December 31, 2022			
	Derivative Assets		Derivative Liabilities		Derivative Assets		Derivative Liabilities	
	Current	Noncurrent	Current	Noncurrent	Current	Noncurrent	Current	Noncurrent
	(In millions)							
	March 31, 2024						March 31, 2024	
	Derivative Assets						Derivative Assets	Derivative Liabilities
	Current						Current	Noncurrent
	(In millions)						(In millions)	
Total fair value of derivatives	Total fair value of derivatives	\$ 733	\$ 235	\$ (657)	\$ (313)	\$ 1,517	\$ 405	\$ (1,535)
Counterparty netting	Counterparty netting	(505)	(154)	505	154	(1,127)	(272)	1,127
Collateral adjustment	Collateral adjustment	—	—	7	5	(62)	(28)	66
Total derivatives as reported	Total derivatives as reported	\$ 228	\$ 81	\$ (145)	\$ (154)	\$ 328	\$ 105	\$ (342)
							\$ (315)	

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The effect of derivatives not designated as hedging instruments on DTE Energy's Consolidated Statements of Operations is as follows:

Commodity contracts	Commodity contracts					
Natural gas						
Natural gas						
			Operating Revenues			
			— Non-utility			
Natural gas	Natural gas	operations	<u>\$ (41)</u>	<u>\$ (52)</u>	<u>\$ 89</u>	<u>\$ (315)</u>
			Fuel, purchased power, gas, and other —			
Natural gas	Natural gas	non-utility	<u>37</u>	<u>108</u>	<u>120</u>	<u>8</u>
			Operating Revenues			
			— Non-utility			
Electricity	Electricity	operations	<u>85</u>	<u>61</u>	<u>30</u>	<u>173</u>
			Operating Revenues			
			— Non-			
Environmental & Other	Environmental & Other	utility operations	<u>(4)</u>	<u>(3)</u>	<u>(5)</u>	<u>15</u>
		Operating				
Foreign currency exchange contracts	Foreign currency exchange contracts	Revenues				
		— Non-utility				
		operations	<u>1</u>	<u>5</u>	<u>—</u>	<u>5</u>
Total	Total		<u>\$ 78</u>	<u>\$119</u>	<u>\$234</u>	<u>\$(114)</u>

Revenues and energy costs related to trading contracts are presented on a net basis in DTE Energy's Consolidated Statements of Operations. Commodity derivatives used for trading purposes, and financial non-trading commodity derivatives, are accounted for using the MTM method with unrealized and realized gains and losses recorded in Operating Revenues — Non-utility operations. Non-trading physical commodity sale and purchase derivative contracts are generally accounted for using the MTM method with unrealized and realized gains and losses for sales recorded in Operating Revenues — Non-utility operations and purchases recorded in Fuel, purchased power, gas, and other — non-utility.

The following represents the cumulative gross volume of DTE Energy's derivative contracts outstanding as of **September 30, 2023** **March 31, 2024**:

Commodity	Number of Units
Natural gas (MMBtu)	2,208,451,991 2,169,902,328
Electricity (MWh)	37,535,900 42,932,324
Oil (Gallons)	4,740,000 3,204,000
Foreign currency exchange (\$ CAD)	150,049,286 127,734,587
FTR (MWh)	98,119 29,452
Renewable Energy Certificates (MWh)	10,856,311 11,275,250
Carbon emissions (Metric Tons)	1,652,108 123,848
Interest rate contracts (\$ USD)	500,000,000 950,000,000

Various subsidiaries and equity investees of DTE Energy have entered into derivative and non-derivative contracts which contain ratings triggers and are guaranteed by DTE Energy. These contracts contain provisions which allow the counterparties to require that DTE Energy post cash or letters of credit as collateral in the event that DTE Energy's credit rating is downgraded below investment grade. Certain of these provisions (known as "hard triggers") state specific circumstances under which DTE Energy can be required to post collateral upon the occurrence of a credit downgrade, while other provisions (known as "soft triggers") are not as specific. For contracts with soft triggers, it is difficult to estimate the amount of collateral which may be requested by counterparties and/or which DTE Energy may ultimately be required to post. The amount of such collateral which could be requested fluctuates based on commodity prices (primarily natural gas, power, and environmental) and the provisions and maturities of the underlying transactions. As of **September 30, 2023** **March 31, 2024**, DTE Energy's contractual obligation to post collateral in the form of cash or letters of credit in the event of a downgrade to below investment grade, under both hard trigger and soft trigger provisions, was **\$437 million** **\$413 million**.

As of **September 30, 2023** **March 31, 2024**, DTE Energy had **\$761 million** **\$793 million** of derivatives in net liability positions, for which hard triggers exist. There is **\$12 million** **\$5 million** of collateral that has been posted against such liabilities, including cash and letters of credit. Associated derivative net asset positions for which contractual offset exists were **\$632 million** **\$622 million**. The net remaining amount of **\$117 million** **\$166 million** is derived from the **\$437 million** **\$413 million** noted above.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 98 — LONG-TERM DEBT

Debt Issuances

Refer to the table below for debt issued through **September 30, 2023** **March 31, 2024**:

Company	Company	Month	Type	Interest Rate	Maturity Date	Amount	Company	Month	Type	Interest Rate	Maturity Date	Amount						
(In millions)							(In millions)											
DTE Energy																		
DTE Electric																		
DTE Electric	DTE Electric	March	Mortgage bonds ^(a)	5.20%	2033	\$ 600												
DTE Electric		March	Mortgage bonds ^(a)	5.40%	2053	600												
DTE Energy		March	Term loan facility draw ^(b)	Variable	2023	200												
DTE Energy		May	Senior notes ^(c)	4.875%	2028	800												
DTE Electric	DTE Electric	June	Tax-exempt revenue bonds ^(d)	3.875%	2053	100												
						\$ 2,300												
						\$												
						\$												
						\$												
						\$												

(a) Proceeds used for the repayment of short-term borrowings and for general corporate purposes.

(b) Proceeds used for the repayment of short-term borrowings, for capital expenditures, and for other general corporate purposes.

(c) Proceeds used for general corporate purposes.

(d) Proceeds used for the repayment of amounts outstanding under the term loan facility.

(d) Tax-exempt revenue bonds are issued by a public body that loans the proceeds to DTE Electric with terms substantially mirroring the revenue bonds. Proceeds were used to finance costs relating to solid waste disposal facilities at the Monroe and St. Clair power plants. The bonds will be subject to mandatory tender in June 2030.

In June 2022, DTE Energy entered into a \$1.125 billion unsecured term loan with a maturity date of December 2023. Any borrowings on the loan were determined to be long-term debt, as the term of the facility exceeded one year. Through the first quarter 2023, DTE Energy had drawn \$1.0 billion on the term loan, bearing interest at SOFR plus 0.90% per annum. These borrowings were repaid in May and June 2023, as noted in the debt redemptions table below. Unused term loan capacity of \$125 million terminated in June 2023 per the terms of the credit agreement.

In October 2023, DTE Gas issued \$150 million of 5.57% First Mortgage Bonds due October 1, 2030 and \$145 million of 5.73% First Mortgage Bonds due October 1, 2035 to a group of institutional investors in a private placement transaction. Proceeds have been used for the repayment of short-term borrowings and for general corporate purposes, including capital expenditures.

In November 2023, DTE Electric issued Securitization bonds of \$602 million, including two separate tranches of \$301 million. The first tranche was issued with an interest rate of 5.97% and a final maturity date of March 1, 2033. Principal payments will be due semi-annually beginning September 2024, with the final payment scheduled for March 2032. The second tranche was issued with an interest rate of 6.09% and a final maturity date of September 1, 2038. Payments will be due semi-annually beginning March 2032, with the final payment scheduled for September 2037.

The Securitization bonds were issued in alignment with Green Bond principles to support the closure and recovery of St. Clair and Trenton Channel generation plants and DTE Electric's transition to cleaner energy. Proceeds from the bonds were used to reimburse DTE Electric for qualified costs incurred for the net book value of the St. Clair and Trenton Channel plants and other qualified costs. The securitization financing order from the MPSC required that the net proceeds be subsequently applied by DTE Electric to retire existing

debt or equity. Accordingly in the fourth quarter 2023, DTE Electric plans to use proceeds of approximately \$300 million towards the retirement of debt and approximately \$300 million to issue a special dividend to DTE Energy. Refer to Note 5 to the Consolidated Financial Statements, "Regulatory Matters," for additional information.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Debt Redemptions

Refer to the table below for debt redeemed through September 30, 2023:

Company	Month	Type	Interest Rate	Maturity Date	Amount
(In millions)					
DTE Gas	April	Senior notes	6.44%	2023	\$ 25
DTE Energy	May	Term loan facility	Variable	2023	800
DTE Electric	June	Securitization bonds	2.64%	2023	19
DTE Energy	June	Term loan facility	Variable	2023	200
DTE Electric	September	Mortgage bonds	4.31%	2023	102
					\$ 1,146

In October 2023, March 2024, DTE Electric redeemed at maturity the \$100 million of remaining principal on its \$100 million 2005 2013 Series C 5.19% Senior Notes. B 3.65% Mortgage bonds.

NOTE 109 — SHORT-TERM CREDIT ARRANGEMENTS AND BORROWINGS

DTE Energy, DTE Electric, and DTE Gas have unsecured revolving credit agreements that can be used for general corporate borrowings, but are intended to provide liquidity support for each of the companies' commercial paper programs. Borrowings under the revolving credit facilities are available at prevailing short-term interest rates. Letters of credit of up to \$500 million may also be issued under the DTE Energy revolver. DTE Energy and DTE Electric also have other facilities to support letter of credit issuance and increase liquidity.

The unsecured revolving credit agreements require a total funded debt to capitalization ratio of no more than 0.70 to 1 for DTE Energy and 0.65 to 1 for DTE Electric and DTE Gas. In the agreements, "total funded debt" means all indebtedness of each respective company and their consolidated subsidiaries, including finance lease obligations, hedge agreements, and guarantees of third parties' debt, but excluding contingent obligations, nonrecourse and junior subordinated debt, and certain equity-linked securities and, except for calculations at the end of the second quarter, certain DTE Gas short-term debt. "Capitalization" means the sum of (a) total funded debt plus (b) "consolidated net worth," which is equal to consolidated total equity of each respective company and their consolidated subsidiaries (excluding pension effects under certain FASB statements), as determined in accordance with accounting principles generally accepted in the United States of America. At September 30, 2023 March 31, 2024, the total funded debt to total capitalization ratios for DTE Energy, DTE Electric, and DTE Gas were 0.64 to 1, 0.54 0.53 to 1, and 0.46 0.45 to 1, respectively, and were in compliance with this financial covenant.

During May 2023, DTE Energy paid the amount outstanding and terminated its unsecured Canadian revolving credit facility. In June 2023, DTE Energy entered into a new \$100 million uncommitted letter of credit facility, with availability to either DTE Energy or DTE Electric.

In July 2023, DTE Energy entered into an additional \$50 million uncommitted letter of credit facility. DTE Energy has also amended the terms of several other letter of credit facilities during 2023, including capacities and maturity dates.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The availability under these facilities as of September 30, 2023 March 31, 2024 is shown in the following table:

	DTE	DTE	DTE	
	Energy	Electric	Gas	Total
	(In millions)			
DTE Energy				
	(In millions)			
Unsecured revolving credit facility, expiring October 2028	Unsecured revolving credit facility, expiring October 2028	\$ 1,500	\$ 800	\$ 300 \$ 2,600

	DTE Energy	DTE Electric	DTE Gas	Total
	(In millions)			
Unsecured revolving credit facility, expiring October 2028				

Unsecured letter of credit facility, expiring June 2024	Unsecured letter of credit facility, expiring June 2024	175	—	—	175
Unsecured letter of credit facility, expiring February 2025	Unsecured letter of credit facility, expiring February 2025	150	—	—	150
Unsecured letter of credit facility(a)		100	—	—	100
Unsecured letter of credit facilities(b)		—	100	—	100
Unsecured letter of credit facility(a)		50	—	—	50
Amounts outstanding at September 30, 2023		1,975	900	300	3,175
Amounts outstanding at March 31, 2024		1,975	1,975	1,975	1,975
Commercial paper issuances					
Commercial paper issuances					
Commercial paper issuances	Commercial paper issuances	371	656	190	1,217
Letters of credit	Letters of credit	144	23	—	167
Net availability at September 30, 2023		515	679	190	1,384
Letters of credit		\$ 1,460	\$ 221	\$ 110	\$ 1,791
Letters of credit		176			
Net availability at March 31, 2024					

(a) Uncommitted letter of credit facility with automatic renewal provision and therefore no expiration.

(b) Uncommitted letter of credit facility with automatic renewal provision and therefore no expiration. DTE Energy may also utilize availability under this facility.

In conjunction with maintaining certain exchange-traded risk management positions, DTE Energy may be required to post collateral with a clearing agent. DTE Energy has a demand financing agreement with its clearing agent, which allows the right of setoff with posted collateral. At **September 30, 2023** **March 31, 2024**, the capacity under the facility was

\$200 million. The amounts outstanding under demand financing agreements were \$139 million \$140 million and \$166 million \$152 million at September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, respectively, and were fully offset by posted collateral.

NOTE 11.10 — LEASES

Lessor

During the first quarter 2024, DTE Energy completed construction of and began operating certain energy infrastructure assets under a long-term agreement with a large industrial customer. DTE Energy began leasing these assets to the customer for a 20-year term ending in 2044. DTE Energy has accounted for this arrangement as a finance lease, recognizing a net investment of \$119 million as of March 31, 2024. Under the long-term agreement, additional energy infrastructure assets remain under construction and are expected to be completed through the remainder of 2024. The assets will be subsequently leased to the customer and increase the net investment in finance leases accordingly.

The components of DTE Energy's net investment in finance leases for remaining periods were as follows:

	DTE Energy
	March 31, 2024
	(In millions)
2024	\$ 36
2025	48
2026	47
2027	47
2028	47
2029 and Thereafter	584
Total minimum future lease receipts	809
Residual value of leased pipeline	17
Less unearned income	421
Net investment in finance lease	405
Less current portion	11
	<hr/>
	\$ 394

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Interest income recognized under finance leases was \$6 million \$8 million and \$7 million for both the three months ended September 30, 2023 March 31, 2024 and 2022, and \$20 million and \$17 million for the nine months ended September 30, 2023 and 2022, 2023, respectively.

DTE Energy's lease income associated with operating leases, included in Operating Revenues — Non-utility operations in the Consolidated Statements of Operations, was as follows:

Three Months Ended March 31, 2024	2024		2023	
	(In millions)	(In millions)	(In millions)	(In millions)
Fixed payments				

Variable payments				
\$				
Three Months Ended September 30, 2023	Three Months Ended September 30, 2022			
2023	2022	2023	2022	
(In millions)				
Fixed payments	\$ 4	\$ 3	\$11	\$11
Variable payments	15	21	33	52
	\$ 19	\$24	\$44	\$63
	=\$ 19	=\$24	=\$44	=\$63

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 12.11 — COMMITMENTS AND CONTINGENCIES

Environmental

DTE Electric

Air — DTE Electric is subject to the EPA ozone and fine particulate transport and acid rain regulations that limit power plant emissions of SO₂ and NO_x. The EPA and the State of Michigan have also issued emission reduction regulations relating to ozone, fine particulate, regional haze, mercury, and other air pollution. These rules have led to controls on fossil-fueled power plants to reduce SO₂, NO_x, mercury, and other emissions. Additional rule making may occur over the next few years which could require additional controls for SO₂, NO_x, and other hazardous air pollutants.

In 2015, the EPA finalized National Ambient Air Quality Standards ("NAAQS") the NAAQS for ground level ozone. In August 2018, the EPA designated southeast Michigan as "marginal non-attainment" with the 2015 ozone NAAQS. In January 2022, after collecting several years of data, the State submitted a request to the EPA for redesignation of the southeast Michigan ozone non-attainment area to attainment, and to accept their maintenance plan and emission inventories as a revision to the Michigan State Implementation Plan (SIP). SIP. On May 19, 2023, the EPA posted in the Federal Register the redesignation of attainment of the ozone standard for the seven-county Southeast Michigan region. DTE Electric does not expect a significant financial impact related to the ozone NAAQS at this time, pending finalization of the state rules and implementation plans.

In March 2024, the EPA finalized the NAAQS for fine particulate matter, particles of pollution with diameters generally 2.5 micrometers and smaller (PM2.5). It is likely that areas of Michigan in which DTE Electric operates will be designated as non-attainment in the future and the state will be required to develop a SIP for such areas. No impact is expected in the near term, and any long-term financial impacts cannot be assessed at this time.

In May 2023, the EPA proposed new rules to address emissions of GHGs from existing, new, modified, or reconstructed sources in the power sector. DTE Electric provided individual comments on the proposal and also worked with industry partners on a broader set of comments. The financial impact cannot be estimated until a final rule is issued, which is currently expected in early by May 2024.

Pending or future legislation or other regulatory actions could have a material impact on DTE Electric's operations and financial position and the rates charged to its customers. Potential impacts include expenditures for environmental equipment beyond what is currently planned, financing costs related to additional capital expenditures, the purchase of emission credits from market sources, higher costs of purchased power, and the retirement of facilities where control equipment is not economical. DTE Electric would seek to recover these incremental costs through increased rates charged to its utility customers, as authorized by the MPSC.

To comply with air pollution requirements, DTE Electric has spent approximately \$2.4 billion. DTE Electric does not anticipate additional capital expenditures for air pollution requirements, subject to the results of future rulemakings.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Water — In response to EPA regulations and in accordance with the Clean Water Act section 316(b), DTE Electric was required to examine alternatives for reducing the environmental impacts of the cooling water intake structures at several of its facilities. A final rule became effective in October 2014, which required studies to be completed and submitted as part of the NPDES permit application process to determine the type of technology needed to reduce impacts to fish. DTE Electric has completed the required studies and submitted reports for most of its generation plants, and a final study is in-process for Monroe power plant. Final compliance for the installation of any required technology to reduce the impacts of water intake structures will be determined by the state on a case by case, site specific basis.

DTE Electric is currently evaluating the compliance options and working with the State of Michigan on determining whether identifying any necessary controls are needed. These evaluations/studies may require or modifications to some existing intake structures. It is DTE Electric's current capital plan includes an estimated \$81 million of compliance-related expenditures, including \$54 million for 2024 through 2028. Projected capital expenditures are expected to decrease as a result of the planned conversion of the Belle River power plant to natural gas and the retirement of Monroe power plant generating units. However, discussions with the state are ongoing and a revised cost estimate has not been possible to quantify the impact of this rule making at this time. yet been determined.

As part of the Monroe power plant NPDES permit, EGLE has added requirements to evaluate the thermal discharge of the facility as it relates to Clean Water Act section 316(a) regulations. DTE Electric will submit has submitted to EGLE a biological demonstration study plan to evaluate the thermal discharge impacts to an aquatic community. After approval of the plan by EGLE and completion of field sampling, data will be processed and compiled into a comprehensive report. At the present time, DTE Electric cannot predict the outcome of this evaluation or financial impact.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Contaminated and Other Sites — Prior to the construction of major interstate natural gas pipelines, gas for heating and other uses was manufactured locally from processes involving coal, coke, or oil. The facilities, which produced gas, have been designated as MGP sites. DTE Electric conducted remedial investigations at contaminated sites, including three former MGP sites. Cleanup of one of the MGP sites is complete, and that site is closed. The investigations have revealed contamination related to the by-products of gas manufacturing at each MGP site. In addition to the MGP sites, DTE Electric is also in the process of cleaning up other contaminated sites, including the area surrounding an ash landfill, electrical distribution substations, electric generating power plants, and underground and above ground storage tank locations. The findings of these investigations indicated that the estimated cost to remediate these sites is expected to be incurred over the next several years. At September 30, 2023 March 31, 2024 and December 31, 2022 December 31, 2023, DTE Electric had \$9 million and \$10 million, respectively, accrued for remediation. These costs are not discounted to their present value. Any change in assumptions, such as remediation techniques, nature and extent of contamination, and regulatory requirements, could impact the estimate of remedial action costs for the sites and affect DTE Electric's financial position and cash flows. DTE Electric believes the likelihood of a material change to the accrued amount is remote based on current knowledge of the conditions at each site.

Coal Combustion Residuals and Effluent Limitations Guidelines — A final EPA rule for the disposal of coal combustion residuals, commonly known as coal ash, became effective in October 2015 and has continued to be updated in subsequent years. The rule is based on the continued listing of coal ash as a non-hazardous waste and relies on various self-implementation design and performance standards. DTE Electric owns and operates three permitted engineered coal ash storage facilities to dispose of coal ash from coal-fired power plants and operates a number of smaller impoundments at its power plants subject to certain provisions in the CCR rule. At certain facilities, the rule currently requires ongoing sampling and testing of monitoring wells, compliance with groundwater standards, and the closure of basins at the end of the useful life of the associated power plant.

On August 28, 2020, Part A of the CCR rule was published in the Federal Register and required all unlined impoundments to initiate closure as soon as technically feasible, but no later than April 11, 2021. Additionally, the rule amends certain reporting requirements and CCR website requirements. On November 12, 2020, Part B of the CCR Rule was published in the Federal Register and provides a process to determine if certain unlined impoundments with an alternative liner system may be sufficiently protective and therefore may continue to operate.

DTE Electric submitted applications to the EPA that support continued use of all impoundments through their active lives. The forced closure date of April 11, 2021 was effectively delayed, pending the EPA completing review of the applications. On September 1, 2022, DTE Electric subsequently ceased receipt of CCR and non-CCR waste streams at the St. Clair power plant bottom ash basins and initiated closure. Therefore, DTE Electric withdrew closure, resulting in withdrawal of the Part A rule demonstration for St. Clair, as it was no longer necessary for the EPA to issue an extension of the April 11, 2021 deadline to cease receipt of waste.

On January 25, 2023, plant. Additionally, DTE Electric received notice of the EPA's proposed denial of Part B applications. DTE Electric provided comments on April 10, 2023, in response to the proposed decision. DTE Electric has since implemented projects at the Belle River and Monroe power plant plants to cease receipt of waste within any unlined CCR surface impoundments. Therefore, on September 21, 2023, DTE Electric withdrew impoundments, resulting in withdrawals of the Part B applications for the Belle River power plant, leaving only the part B application for the Monroe power plant fly ash basin pending final review of the EPA. If the EPA's final decision remains unchanged, those plants.

DTE Energy Company — DTE Electric does not expect the denied application Company

Combined Notes to have a significant operational or financial impact; however, DTE Electric is continuing to review and analyze potential outcomes of this matter. Consolidated Financial Statements (Unaudited) — (Continued)

On May 18, 2023, the EPA posted in the Federal Register a proposed rule to regulate legacy CCR surface impoundments and CCR management units. The rule proposes to expand the reach of the CCR rule to inactive electric generation sites and previously unregulated locations of CCR at a regulated facility. DTE Electric is currently evaluating the proposed rule. The financial impact of the proposed rule cannot be estimated until a final rule is issued, which is currently expected in mid-2024.

At the State level, legislation was signed in December 2018 and provides for further regulation of the CCR program in Michigan. Additionally, the statutory revision provides the basis of a CCR program that EGLE has submitted to the EPA for approval to fully regulate the CCR program in Michigan in lieu of a Federal permit program. The EPA is currently working with EGLE in reviewing the submitted State program, and DTE Electric will work with EGLE to implement the State program that may be approved in the future.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

On October 13, 2020, the EPA finalized the ELG Reconsideration Rule which revised the regulations from the 2015 ELG rule for FGD wastewater and bottom ash transport water only. The Reconsideration Rule re-established the technology-based effluent limitations guidelines and standards applicable to FGD wastewater and bottom ash transport water. The EPA set the applicability dates for bottom ash transport water "as soon as possible" beginning October 13, 2021 and no later than December 31, 2025. FGD wastewater retrofits must be completed "as soon as possible" beginning October 13, 2021 and no later than December 31, 2025 or December 31, 2028 if a permittee decides to pursue the Voluntary Incentives Program (VIP) subcategory for FGD wastewater. If a facility applies for the VIP, they must meet more stringent standards, but are allowed an extended time period to meet the compliance requirements.

The Reconsideration Rule also provides additional compliance opportunities by finalizing low utilization and cessation of coal burning subcategories. The Reconsideration Rule provides new opportunities for DTE Electric to evaluate existing ELG compliance strategies and make any necessary adjustments to ensure full compliance with the ELGs in a cost-effective manner.

Compliance schedules for individual facilities and individual waste streams are determined through issuance of new NPDES permits by the **State** **state** of Michigan. The **State** **state** of Michigan has issued an NPDES permit for the Belle River power plant establishing compliance deadlines based on the 2020 Reconsideration Rule. On October 11, 2021, in consideration of the deadlines above, DTE Electric submitted a Notice of Planned Participation ("NOPP") to the **State** **state** of Michigan that formally announced the intent to pursue compliance subcategories as ELG compliance options: the cessation of coal at the Belle River power plant no later than December 31, 2028 and the VIP for FGD wastewater at Monroe power plant by December 31, 2028.

On March 29, 2023, the EPA published two draft proposals to revise existing ELG rules. The first draft proposal reopened the cessation of coal compliance subcategory from the 2020 ELG rule and **allow** **allows** for compliance by committing to such cessation no later than December 31, 2028. This proposal was finalized by the EPA on May 30, 2023. The second draft proposal is a broader update to the ELG rules that includes revised compliance standards for FGD wastewater, bottom ash transport water, and other wastewater streams with a compliance date no later than December 31, 2029. DTE Electric's compliance strategy includes the conversion of the two generating units at the Belle River power plant to a natural gas peaking resource in 2025-2026, which was included in the NOPP filed in 2021. DTE Electric also submitted a new NOPP to apply for the cessation of coal compliance subcategory for generating units 3 and 4 at the Monroe power plant. DTE Electric plans to retire Monroe's generating units 1 and 2 in 2032.

DTE Electric continues to evaluate compliance strategies, technologies and system designs to achieve compliance with the EPA rules at the Monroe power plant.

DTE Electric currently estimates the impact of the CCR and ELG rules to be **\$481 million** **\$412 million** of capital expenditures, including **\$343 million** **\$403 million** for **2023** **2024** through **2027** **2028**. This estimate may change in future periods as DTE Electric **continues** evaluates the CCR and ELG rules discussed above that are expected to evaluate the proposed EPA rule from May 18, 2023 be finalized in mid-2024.

DTE Energy Company — DTE Electric Company

Combined Notes to regulate legacy CCR surface impoundments and CCR management units, as noted above. Consolidated Financial Statements (Unaudited) — (Continued)

DTE Gas

Contaminated and Other Sites — DTE Gas owns or previously owned 14 former MGP sites. Investigations have revealed contamination related to the by-products of gas manufacturing at each site. Cleanup of eight MGP sites is complete and those sites are closed. DTE Gas has also completed partial closure of four additional sites. Cleanup activities associated with the remaining sites will continue over the next several years. The MPSC has established a cost deferral and rate recovery mechanism for investigation and remediation costs incurred at former MGP sites. In addition to the MGP sites, DTE Gas is also in the process of cleaning up other contaminated sites, including gate stations, gas pipeline releases, and underground storage tank locations. As of **September 30, 2023** **March 31, 2024** and **December 31, 2022** **December 31, 2023**, DTE Gas had **\$20 million** and **\$23 million**, respectively, **\$26 million** accrued for remediation. These costs are not discounted to their present value. Any change in assumptions, such as remediation techniques, nature and extent of contamination, and regulatory requirements, could impact the estimate of remedial action costs for the sites and affect DTE Gas' financial position and cash flows. DTE Gas anticipates the cost amortization methodology approved by the MPSC, which allows for amortization of the MGP costs over a ten-year period beginning with the year subsequent to the year the MGP costs were incurred, will prevent the associated investigation and remediation costs from having a material adverse impact on DTE Gas' results of operations.

Air — The In March 2023, the EPA recently finalized its published the Good Neighbor Rule, which includes provisions for compressor engines operated for the transportation of natural gas. DTE Gas is assessing the applicability The status of the rule on its engines and what impacts that could have on operations. remains uncertain as litigation is ongoing. At this time, DTE Gas has does not determined whether there expect a significant financial impact.

As noted above for DTE Electric, the EPA finalized the NAAQS for fine particulate matter in March 2024. It is likely that areas of Michigan in which DTE Gas operates will be designated as non-attainment in the future and the state will be required to develop a SIP for such areas. No impact is expected in the near term, and any long-term financial impact impacts cannot be assessed at this time.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Non-utility

DTE Energy's non-utility businesses are subject to a number of environmental laws and regulations dealing with the protection of the environment from various pollutants.

In March 2019, the EPA issued an FOV to EES Coke Battery, LLC ("EES Coke"), the Michigan coke battery facility that is a wholly-owned subsidiary of DTE Energy, alleging that the 2008 and 2014 permits issued by EGLE did not comply with the Clean Air Act. In September 2020, the EPA issued another FOV alleging EES Coke's 2018 and 2019 SO2 emissions exceeded projections and hence violated non-attainment new source review permitting requirements. EES Coke evaluated the EPA's alleged violations and believes that the permits approved by EGLE complied with the Clean Air Act. EES Coke responded to the EPA's September 2020 allegations demonstrating its actual emissions are compliant with non-attainment new source review requirements. On June 1, 2022, the U.S. Department of Justice, on behalf of the EPA, filed a complaint against EES Coke in the U.S. District

Court for the Eastern District of Michigan alleging that EES Coke failed to comply with non-attainment new source review requirements under the Clean Air Act when it applied for the 2014 permit. In November 2022, the Sierra Club and City of River Rouge were granted intervention. **The case is currently in the discovery phase and trial is scheduled for April 2025. At the present time, DTE Energy cannot predict the outcome or financial impact of this matter.**

Separately, in December 2021, EGLE issued a Notice of Violation to EES Coke alleging excess visible emissions from pushing operations. In January 2022, EES Coke provided EGLE a response describing the corrective actions taken to prevent future recurrences. At the present time, EES Coke cannot predict the outcome or financial impact of this matter.

Other

In 2010, the EPA finalized a new one-hour SO₂ ambient air quality standard that requires states to submit plans and associated timelines for non-attainment areas that demonstrate attainment with the new SO₂ standard in phases. Phase 1 addresses non-attainment areas designated based on ambient monitoring data. Phase 2 addresses non-attainment areas with large sources of SO₂ and modeled concentrations exceeding the National Ambient Air Quality Standards for SO₂. Phase 3 addresses smaller sources of SO₂ with modeled or monitored exceedances of the new SO₂ standard.

Michigan's Phase 1 non-attainment area included DTE Energy facilities. However, the EPA published a Federal Implementation Plan (FIP) for the area in June 2022 that did not impact any DTE Energy facilities. It is also not expected that Phase 3 will have any impact on DTE Energy.

Michigan's Phase 2 non-attainment area includes DTE Electric facilities in St. Clair County. The EPA approved a clean data determination request submitted by EGLE. This determination suspends certain planning requirements and sanctions for the non-attainment area for as long as the area continues to attain the 2010 SO₂ air quality standards, but this does not automatically redesignate the area to attainment. Until the area is officially redesignated as attainment, DTE Energy is unable to determine the impacts.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

REF Guarantees

DTE Energy provided certain guarantees and indemnities in conjunction with the sales of interests in or lease of its previously operated REF facilities. The guarantees cover potential commercial, environmental, and tax-related obligations that will survive until 90 days after expiration of all applicable statutes of limitations. DTE Energy estimates that its maximum potential liability under these guarantees at **September 30, 2023** **March 31, 2024** was **\$414 million** **\$392 million**. Payments under these guarantees are considered remote.

Other Guarantees

In certain limited circumstances, the Registrants enter into contractual guarantees. The Registrants may guarantee another entity's obligation in the event it fails to perform and may provide guarantees in certain indemnification agreements. The Registrants may also provide indirect guarantees for the indebtedness of others. DTE Energy's guarantees are not individually material with maximum potential payments totaling **\$40 million** **\$44 million** at **September 30, 2023** **March 31, 2024**. Payments under these guarantees are considered remote.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

The Registrants are periodically required to obtain performance surety bonds in support of obligations to various governmental entities and other companies in connection with its operations. As of **September 30, 2023** **March 31, 2024**, DTE Energy had **\$325 million** **\$334 million** of performance bonds outstanding, including **\$151 million** **\$159 million** for DTE Electric. Performance bonds are not individually material, except for \$130 million of bonds supporting Energy Trading operations. These bonds are meant to provide counterparties with additional assurance that Energy Trading will meet its contractual obligations for various commercial transactions. The terms of the bonds align with those of the underlying Energy Trading contracts and are estimated to be outstanding approximately 1 to 3 years. In the event that any performance bonds are called for nonperformance, the Registrants would be obligated to reimburse the issuer of the performance bond. The Registrants are released from the performance bonds as the contractual performance is completed and does not believe that a material amount of any currently outstanding performance bonds will be called.

Labor Contracts

There are several bargaining units for DTE Energy subsidiaries' approximately **4,950** **4,900** represented employees, including DTE Electric's approximately 2,550 represented employees. This represents **49%** **51%** and **57%** **59%** of DTE Energy's and DTE Electric's total employees, respectively. Of these represented employees, **less than 1%** **approximately 8%** have contracts expiring within one year for DTE Energy. None of the represented employees have contracts expiring within one year for DTE Electric.

Purchase Commitments

Utility capital expenditures and expenditures for non-utility businesses will be approximately **\$4.2 billion** **\$4.7 billion** and **\$3.2 billion** **\$3.4 billion** in **2023** **2024** for DTE Energy and DTE Electric, respectively. The Registrants have made certain commitments in connection with the estimated **2023** **2024** annual capital expenditures.

Ludington Plant Contract Dispute

DTE Electric and Consumers Energy Company ("Consumers"), joint owners of the Ludington Hydroelectric Pumped Storage plant ("Ludington"), are parties to a 2010 engineering, procurement, and construction agreement with Toshiba America Energy Systems ("TAES"), under which TAES contracted to perform a major overhaul and upgrade of Ludington. The overhauled Ludington units are operational, but TAES' work has been defective and non-conforming. DTE Electric and Consumers have demanded that TAES provide a comprehensive plan to resolve **quality control concerns**, **those matters**, including adherence to its warranty commitments and other contractual obligations. DTE Electric and Consumers have taken extensive efforts to resolve these issues with TAES, including a formal demand to TAES' parent, Toshiba Corporation, under a parent guaranty it

provided in the contract. TAES has not provided a comprehensive plan or otherwise met its performance obligations. In order to enforce the contract, DTE Electric and Consumers filed a complaint against TAES and Toshiba Corporation in the U.S. District Court for the Eastern District of Michigan in April 2022.

In June 2022, TAES and Toshiba Corporation filed a motion to dismiss the complaint, along with counterclaims seeking approximately \$15 million in damages related to payments allegedly owed under the parties' contract. During September 2022, the motion to dismiss the complaint was denied. DTE Electric believes the outstanding counterclaims are without merit, but would be liable for 49% of the damages if approved. In October 2022, the combined parties submitted a joint discovery plan to proceed with the litigation process and a potential trial during the second half of 2024. DTE Electric cannot predict the financial impact or outcome of this matter.

Refer to the *Ludington Accounting Application* section within Note 5 to the Consolidated Financial Statements, "Regulatory Matters," for additional information regarding costs to address TAES defective work and regulatory accounting treatment.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

In May 2023, the MPSC approved a jointly-filed request by DTE Electric and Consumers for authority to defer as a regulatory asset the costs associated with repairing or replacing the defective work performed by TAES while the litigation with TAES and Toshiba Corporation moves forward. Such costs will be offset by any potential litigation proceeds received from TAES or Toshiba Corporation. DTE Electric and Consumers will have the opportunity to seek recovery and ratemaking treatment for amounts which are not recovered from TAES or Toshiba Corporation.

Other Contingencies

The Registrants are involved in certain other legal, regulatory, administrative, and environmental proceedings before various courts, arbitration panels, and governmental agencies concerning claims arising in the ordinary course of business. These proceedings include certain contract disputes, additional environmental reviews and investigations, audits, inquiries from various regulators, and pending judicial matters. The Registrants cannot predict the final disposition of such proceedings. The Registrants regularly review legal matters and record provisions for claims that they can estimate and are considered probable of loss. The resolution of these pending proceedings is not expected to have a material effect on the Registrants' Consolidated Financial Statements in the periods they are resolved.

For a discussion of contingencies related to regulatory matters and derivatives, see Notes 54 and 87 to the Consolidated Financial Statements, "Regulatory Matters" and "Financial and Other Derivative Instruments," respectively.

NOTE 13.12 — RETIREMENT BENEFITS AND TRUSTEED ASSETS

DTE Energy's subsidiary, DTE Energy Corporate Services, LLC, sponsors defined benefit pension plans and other postretirement benefit plans covering certain employees of the Registrants. Participants of all plans are solely DTE Energy and affiliate participants.

The following tables detail the components of net periodic benefit costs (credits) for pension benefits and other postretirement benefits for DTE Energy:

Three Months Ended September 30,	Pension Benefits				Other Postretirement Benefits			
	2023		2022		2023		2022	
	(In millions)							
Service cost	\$	15	\$	25	\$	4	\$	6
Interest cost		54		41		17		12
Expected return on plan assets		(89)		(87)		(28)		(32)
Amortization of:								
Net actuarial loss		2		29		2		1
Prior service credit		(1)		—		(4)		(4)
Net periodic benefit cost (credit)	\$	(19)	\$	8	\$	(9)	\$	(17)

Nine Months Ended September 30,	Other			
	Pension Benefits		Postretirement Benefits	
	2023	2022	2023	2022
	(In millions)			

Nine Months Ended September 30,	Pension Benefits				Other Postretirement Benefits			
	2024		2023		2024		2023	
	(In millions)				(In millions)			

Three	
Months	
Ended	
March 31,	
Service cost	
Service cost	
Service cost	Service cost \$ 43 \$ 72 \$ 13 \$ 20
Interest cost	Interest cost 161 124 49 36
Expected return on plan assets	Expected return on plan assets (264) (260) (83) (95)
Amortization of:	Amortization of:
Net actuarial loss	Net actuarial loss 5 86 7 3
Net actuarial loss	Net actuarial loss
Prior service credit	Prior service credit (2) — (14) (14)
Settlements	Settlements 7 — — —
Net periodic benefit cost (credit)	Net periodic benefit cost (credit) \$(50) \$ 22 \$ (28) \$ (50)
Net periodic benefit credit	Net periodic benefit credit

DTE Electric accounts for its participation in DTE Energy's qualified and non-qualified pension plans by applying multiemployer accounting. DTE Electric accounts for its participation in other postretirement benefit plans by applying multiple-employer accounting. Within multiemployer and multiple-employer plans, participants pool plan assets for investment purposes and to reduce the cost of plan administration. The primary difference between plan types is that assets contributed in multiemployer plans can be used to provide benefits for all participating employers, while assets contributed within a multiple-employer plan are restricted for use by the contributing employer.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

As a result of multiemployer accounting treatment, capitalized costs associated with these plans are reflected in Property, plant, and equipment in DTE Electric's Consolidated Statements of Financial Position. The same capitalized costs are reflected as Regulatory assets and liabilities in DTE Energy's Consolidated Statements of Financial Position. For service costs recognized in earnings, these costs have historically been presented in Operation and maintenance in the Registrants' Consolidated Statements of Operations. For non-service costs recognized in earnings, these costs have historically been presented in Other (Income) and Deductions

DTE Energy Company — Non-operating retirement benefits, net in DTE Energy's Consolidated Statements of Operations and Operation and maintenance in DTE Electric's Consolidated Statements of Operations.

In November 2022, DTE Electric received a rate order from the MPSC approving the deferral of qualified pension plan service and non-service costs that were previously being recognized in earnings. Therefore, the Registrants are recording these costs as Regulatory assets beginning in December 2022. Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

DTE Energy's subsidiaries are responsible for their share of qualified and non-qualified pension benefit costs. DTE Electric's allocated portion of pension benefit costs included in regulatory assets and liabilities, operation and maintenance expense, other income and deductions, and capital expenditures was a credit of \$12 million \$1 million and \$28 million \$9 million for the three and nine months ended September 30, 2023, respectively, March 31, 2024 and a cost of \$9 million and \$27 million for the three and nine months ended September 30, 2022, 2023, respectively. These amounts may include recognized contractual termination benefit charges, curtailment gains, and settlement charges.

The following table details the components of net periodic benefit costs (credits) for other postretirement benefits for DTE Electric:

Three	Nine
Months	Months
Ended	Ended
September	September
30,	30,

	2023	2022	2023	2022
(In millions)				
Three				
Months				
Ended				
March 31,				
Three				
Months				
Ended				
March 31,				
Three				
Months				
Ended				
March 31,				
	2024		2024	
(In millions)				
Service cost	Service cost	\$ 3	\$ 5	\$ 10
Interest cost	Interest cost	12	10	37
Expected	Expected			28
return on	return on			
plan assets	plan assets	(18)	(22)	(55)
				(64)
Amortization	Amortization			
of:	of:			
Net actuarial loss		—	2	—
				4
Prior service credit				
Prior service credit				
Prior	Prior			
service	service			
credit	credit	(3)	(4)	(10)
Net periodic	Net periodic			
benefit	benefit			
credit	credit	\$ (6)	\$ (9)	\$ (18)
				\$ (27)

Pension and Other Postretirement Contributions

No contributions are currently expected for DTE Energy's qualified pension plans or Energy's postretirement benefit plans in 2023, 2024, and contributions to the qualified pension plans are expected to be nominal. Plans may be updated at the discretion of management and depending on economic and financial market conditions. DTE Energy anticipates a transfer of up to \$50 million of qualified pension plan funds from DTE Gas to DTE Electric during the fourth quarter 2023 in exchange for cash consideration.

DTE Energy Company — DTE Electric Company

Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

NOTE 14.13 — SEGMENT AND RELATED INFORMATION

DTE Energy sets strategic goals, allocates resources, and evaluates performance based on the following structure:

Electric segment consists principally of DTE Electric, which is engaged in the generation, purchase, distribution, and sale of electricity to approximately 2.3 million residential, commercial, and industrial customers in southeastern Michigan.

Gas segment consists principally of DTE Gas, which is engaged in the purchase, storage, transportation, distribution, and sale of natural gas to approximately 1.3 million residential, commercial, and industrial customers throughout Michigan and the sale of storage and transportation capacity.

DTE Vantage is comprised primarily of renewable energy projects that sell electricity and pipeline-quality gas and projects that deliver custom energy solutions to industrial, commercial, and institutional customers.

Energy Trading consists of energy marketing and trading operations.

Corporate and Other includes various holding company activities, holds certain non-utility debt, and holds certain investments, including funds supporting regional development and economic growth.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Inter-segment billing for goods and services exchanged between segments is based upon tariffed or market-based prices of the provider. Such billing primarily consists of power sales, sale and transportation of natural gas, and renewable natural gas sales in the segments below, as well as charges from Electric to other segments for use of the shared capital assets of DTE Electric.

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023		
	(In millions)			
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
	Three Months Ended March 31, 2024			
		2024		2023
				(In millions)
Electric	Electric	\$ 20	\$ 19	\$ 55
Gas	Gas	4	4	13
DTE	DTE			10
Vantage	Vantage	13	15	32
Energy	Energy			57
Trading	Trading	20	39	65
Corporate	Corporate			78
and Other	and Other	—	—	—
		\$ 57	\$ 77	\$165
				\$198
	\$			

All inter-segment transactions and balances are eliminated in consolidation for DTE Energy. Centrally incurred costs such as labor and overheads are assigned directly to DTE Energy's business segments or allocated based on various cost drivers, depending on the nature of service provided.

The federal income tax provisions or benefits of DTE Energy's subsidiaries are determined on an individual company basis and recognize the tax benefit of tax credits and net operating losses, if applicable. The state and local income tax provisions of the utility subsidiaries are also determined on an individual company basis and recognize the tax benefit of various tax credits and net operating losses, if applicable. The subsidiaries record federal, state, and local income taxes payable to or receivable from DTE Energy based on the federal, state, and local tax provisions of each company.

DTE Energy Company — DTE Electric Company
Combined Notes to Consolidated Financial Statements (Unaudited) — (Continued)

Financial data of DTE Energy's business segments follows:

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023	
	2023	2022	

		(In millions)			
		Three Months		Ended March	
		31,		31,	
		Three Months		Ended March	
		31,		31,	
		Three Months		Ended March	
		31,		31,	
	2024		2024		2023
		(In millions)			(In millions)
Operating Revenues — Utility operations	Operating Revenues — Utility operations				
Electric	Electric				
Electric	Electric	\$1,623	\$1,844	\$4,324	\$ 4,896
Gas	Gas	227	230	1,245	1,358
Operating Revenues — Non-utility operations	Operating Revenues — Non-utility operations				
Electric	Electric				
Electric	Electric				
Electric	Electric	3	3	10	11
DTE Vantage	DTE Vantage	199	227	572	626
Energy Trading	Energy Trading	893	3,024	3,365	8,059
Corporate and Other	Corporate and Other	—	—	—	—
Reconciliation and Eliminations	Reconciliation and Eliminations	(57)	(77)	(165)	(198)
Total	Total	\$2,888	\$5,251	\$9,351	\$14,752
		Three Months	Nine Months		
		Ended September 30,	Ended September 30,		
		2023	2022	2023	2022
		(In millions)			
		Three Months			
		Ended March 31,			
		Three Months			
		Ended March 31,			
		Three Months			
		Ended March 31,			

		2024		2024		2023	
		(In millions)				(In millions)	
Net Income	Net Income						
(Loss)	(Loss)						
Attributable	Attributable						
to DTE	to DTE						
Energy by	Energy by						
Segment	Segment						
Electric							
Electric							
Electric	Electric	\$268	\$363	\$547	\$750		
Gas	Gas	(5)	(23)	190	179		
DTE	DTE						
Vantage	Vantage	56	26	109	68		
Energy	Energy						
Trading	Trading	65	56	234	(80)		
Corporate	Corporate						
and Other	and Other	(52)	(35)	(102)	(99)		
Net Income	Net Income						
Attributable	Attributable						
to DTE	to DTE						
Energy	Energy						
Company	Company	\$332	\$387	\$978	\$818		
Net Income Attributable to							
DTE Energy Company							
Net Income Attributable to							
DTE Energy Company							

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following combined discussion is separately filed by DTE Energy and DTE Electric. However, DTE Electric does not make any representations as to information related solely to DTE Energy or the subsidiaries of DTE Energy other than itself.

EXECUTIVE OVERVIEW

DTE Energy is a diversified energy company and is the parent company of DTE Electric and DTE Gas, regulated electric and natural gas utilities engaged primarily in the business of providing electricity and natural gas sales, distribution, and storage services throughout Michigan. DTE Energy also operates two energy-related non-utility segments with operations throughout the United States.

The following table summarizes DTE Energy's financial results:

Three		Nine Months	
Months	Ended	Months	Ended
	September		September
	30,		30,
2023	2022	2023	2022
(In millions, except per share amounts)			
Three			
Months			
Ended March			
31,			

Three Months Ended March 31, Three Months Ended March 31, 2024 (In millions, except per share amounts)		2024	2023 (In millions, except per share amounts)
Net	Net		
Income	Income		
Attributable	Attributable		
to DTE	to DTE		
Energy	Energy		
Company	Company	\$ 332 \$ 387 \$ 978 \$ 818	
Diluted	Diluted		
Earnings	Earnings		
per	per		
Common	Common		
Share	Share	\$1.61 \$1.99 \$4.74 \$4.21	

The decrease in Net Income Attributable to DTE Energy Company for the three months ended **September 30, 2023** **March 31, 2024** was primarily due to lower earnings in the **Electric and Energy Trading, Corporate and Other, segments, partially offset by higher earnings in the DTE Vantage, Gas, and Energy Trading segments. The increase in Net Income Attributable to DTE Energy Company for the nine-month period was primarily due to higher earnings in the Energy Trading, DTE Vantage, and Gas segments, partially offset by lower higher earnings in the Electric segment.**

STRATEGY

DTE Energy's strategy is to achieve long-term earnings per share growth with a strong balance sheet and attractive dividend.

DTE Energy's utilities are investing capital to support a modern, reliable grid and cleaner, affordable energy through investments in base infrastructure and new generation. Increasing intensity of wind storms and other weather events, coupled with increasing electric vehicle adoption, will drive a continued need for substantial grid investment over the long-term.

DTE Energy plans to reduce the carbon emissions of its electric utility operations by **32% by the end of 2023, 65% in 2028, 85% in 2032, and 90% by 2040** from 2005 carbon emissions levels. DTE Energy plans to end its use of coal-fired power plants in 2032 and is committed to a net zero carbon emissions goal by 2050 for its electric and gas utility operations.

Additionally, as a result of legislation passed by the state of Michigan in 2023, DTE Energy will be required to meet a 100% clean energy portfolio standard by 2040. Clean energy sources include renewables, nuclear, and natural gas-fired plants equipped with a carbon capture and storage system that is at least 90% effective in reducing carbon emissions to the atmosphere. The legislation also requires 50% of an electric utility's energy to be generated from renewable sources by 2030 and 60% by 2035. DTE Energy is currently assessing the impacts of this legislation and will include updates in its next Integrated Resource Plan to comply with the new requirements.

To achieve the targeted carbon reduction goals at the electric utility, DTE Energy will continue its transition away from coal-powered energy sources and is replacing or offsetting the generation from these facilities with renewable energy, natural gas, battery storage, and energy waste reduction initiatives. Refer to the "Capital Investments" section below for further discussion regarding DTE Energy's retirement of its aging coal-fired plants and transition to renewable energy and other sources. Over the long-term, DTE Energy is also monitoring the advancement of emerging technologies such as long-duration storage, modular nuclear reactors, and carbon capture and sequestration, and how these technologies may support clean, reliable generation and customer affordability.

For the gas utility, DTE Energy aims to cut carbon emissions across the entire value chain. DTE Energy plans to reduce the carbon emissions from its gas utility operations by 65% by 2030 and 80% by 2040, and is committed to a goal of net zero emissions by 2050 from internal gas operations and gas suppliers. To achieve net zero, DTE Energy is working to source gas with lower methane intensity, reduce emissions through its gas main renewal and pipeline integrity programs, and if necessary, use carbon offsets to address any remaining emissions. DTE Energy also aims to help DTE Gas customers reduce their emissions by approximately 35% by 2040 by increasing energy efficiency, pursuing advanced technologies such as hydrogen and carbon capture and sequestration, and through the CleanVision Natural Gas Balance program which provides customers the option to use carbon offsets and renewable natural gas.

DTE Energy expects that these initiatives at the electric and gas utilities will continue to provide significant opportunities for capital investments and result in earnings growth. DTE Energy is focused on executing its plans to achieve operational excellence and customer satisfaction with a focus on customer affordability. DTE Energy expects to support its goals for customer affordability. DTE Energy is working to be aided by implement operational efficiencies and new optimize opportunities resulting from the Inflation Reduction Act enacted in August 2022. Such opportunities include to generate tax credits for relating to renewable energy, nuclear generation, energy storage, and carbon capture and sequestration, which are expected to sequestration. These tax credits may reduce the cost of owning related assets and reduce customer rate impacts from any future cost recoveries. DTE Energy's utilities operate in a constructive regulatory environment and have solid relationships with their regulators.

DTE Energy also has significant investments in non-utility businesses and expects growth opportunities in its DTE Vantage segment. DTE Energy employs disciplined investment criteria when assessing growth opportunities that leverage its assets, skills, and expertise, and provides attractive returns and diversity in earnings and geography. Specifically, DTE Energy invests in targeted markets with attractive competitive dynamics where meaningful scale is in alignment with its risk profile.

A key priority for DTE Energy is to maintain a strong balance sheet which facilitates access to capital markets and reasonably priced financing. Growth will be funded through internally generated cash flows and the issuance of debt and equity. DTE Energy has an enterprise risk management program that, among other things, is designed to monitor and manage exposure to earnings and cash flow volatility related to commodity price changes, interest rates, and counterparty credit risk.

CAPITAL INVESTMENTS

DTE Energy's utility businesses will require significant capital investments to maintain and improve the electric generation and electric and natural gas distribution infrastructure and to comply with environmental regulations and achieve goals for carbon emission reductions. Capital plans may be regularly updated as these requirements and goals evolve and may be subject to regulatory approval.

DTE Electric's capital investments over the 2023-2027 2024-2028 period are estimated at \$18 billion \$20 billion, comprised of \$9 billion for distribution infrastructure, \$4 billion for base infrastructure, and \$5 billion \$7 billion for cleaner generation including renewables.

DTE Electric has retired all eleven coal-fired generation units at the Trenton Channel, River Rouge, and St. Clair facilities, and plans to repurpose the Trenton Channel plant to a battery energy storage system in 2026. DTE Electric has also announced plans to retire its remaining six coal-fired generating units. DTE Electric plans to convert units, including converting the two units at the Belle River facility from a base load coal plant to a natural gas peaking resource in 2025-2026. The four units at the Monroe facility are expected to be retired in two stages in 2028 and 2032. Generation from the retired facilities will continue to be replaced or offset with a combination of renewables, energy waste reduction, demand response, battery storage, and natural gas fueled generation.

DTE Gas' capital investments over the 2023-2027 2024-2028 period are estimated at \$3.6 billion \$3.7 billion, comprised of \$2.0 billion \$2.1 billion for base infrastructure and \$1.6 billion for the gas renewal program, which includes main and service renewals, meter move-out, and pipeline integrity projects.

DTE Electric and DTE Gas plan to seek regulatory approval for capital expenditures consistent with ratemaking treatment.

DTE Energy's non-utility businesses' capital investments are primarily for expansion, growth, and ongoing maintenance in the DTE Vantage segment, including approximately \$1.0 billion \$1 billion to \$1.5 billion from 2023-2027 2024-2028 for renewable energy projects and custom energy solutions, while expanding into carbon capture and sequestration.

ENVIRONMENTAL MATTERS

The Registrants are subject to extensive environmental regulations, including those addressing climate change. Additional costs may result as the effects of various substances on the environment are studied and governmental regulations are developed and implemented. Actual costs to comply could vary substantially. The Registrants expect to continue recovering environmental costs related to utility operations through rates charged to customers, as authorized by the MPSC.

Increased costs for energy produced from traditional coal-based sources due to recent, pending, and future regulatory initiatives could also increase the economic viability of energy produced from renewable, natural gas fueled generation, and/or nuclear sources, energy waste reduction initiatives, and the potential development of market-based trading of carbon instruments.

For further discussion of environmental matters, see Note 12 11 to the Consolidated Financial Statements, "Commitments and Contingencies."

OUTLOOK

The next few years will be a period of rapid change for DTE Energy and for the energy industry. DTE Energy's strong utility base, combined with its integrated non-utility operations, position it well for long-term growth.

Looking forward, DTE Energy will focus on several areas that are expected to improve future performance:

- electric and gas customer satisfaction;
- electric distribution system reliability;

- new electric generation and storage;
- gas distribution system renewal;
- reducing carbon emissions at the electric and gas utilities;
- rate competitiveness and affordability;
- regulatory stability and investment recovery for the electric and gas utilities;
- strategic investments in growth projects at DTE Vantage;
- employee engagement, health, safety and wellbeing, and diversity, equity, and inclusion;
- cost structure optimization across all business segments; and
- cash, capital, and liquidity to maintain or improve financial strength.

DTE Energy will continue to pursue opportunities to grow its businesses in a disciplined manner if it can secure opportunities that meet its strategic, financial, and risk criteria.

RESULTS OF OPERATIONS

The following sections provide a detailed discussion of the operating performance and future outlook of DTE Energy's segments. Segment information, described below, includes intercompany revenues, expenses, and other income and deductions that are eliminated in the Consolidated Financial Statements.

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2022	
(In millions)			
	Three Months Ended March 31,		
	Three Months Ended March 31,		
	Three Months Ended March 31,		
		2024	2023
		(In millions)	
Net Income (Loss)	Net Income (Loss)		
Attributable to DTE	Attributable to DTE		
Energy by Segment	Energy by Segment		
Electric			
Electric			
Electric	Electric	\$268	\$363
Gas	Gas	(5)	(23)
DTE	DTE	190	179
Vantage	Vantage	56	26
		109	68

Energy	Energy				
Trading	Trading	65	56	234	(80)
Corporate	Corporate				
and Other	and Other	(52)	(35)	(102)	(99)
Net Income	Net Income				
Attributable	Attributable				
to DTE	to DTE				
Energy	Energy				
Company	Company	\$332	\$387	\$978	\$818
Net Income Attributable to					
DTE Energy Company					
Net Income Attributable to					
DTE Energy Company					

ELECTRIC

The Results of Operations discussion for DTE Electric is presented in a reduced disclosure format in accordance with General Instruction H(2) of Form 10-Q.

The Electric segment consists principally of DTE Electric. Electric results and outlook are discussed below:

		Three Months	Nine Months						
		Ended	Ended						
		September 30,	September 30,						
		2023	2022	2023	2022				
(In millions)									
Three Months									
Ended March									
31,									
Three Months									
Ended March									
31,									
Three Months									
Ended March									
31,									
2024		2024		2023					
(In millions)									
Operating	Operating								
Revenues	Revenues								
Utility	Utility								
operations	operations	\$1,623	\$1,844	\$4,324	\$4,896				
Utility operations									
Utility operations									
Non-utility	Non-utility								
operations	operations	3	3	10	11				
		1,626	1,847	4,334	4,907				
		1,470							
Operating	Operating								
Expenses	Expenses								
Fuel and purchased power									
— utility									
Fuel and purchased power									
— utility									
Fuel and	Fuel and								
purchased	purchased								
power —	power —								
utility	utility	438	593	1,113	1,543				

Operation and maintenance	Operation and maintenance	372	409	1,095	1,188
Depreciation and amortization	Depreciation and amortization	337	307	989	909
Taxes other than income	Taxes other than income	88	86	256	258
		1,235	1,395	3,453	3,898
			1,188		
			1,188		
			1,188		
Operating Income	Operating Income	391	452	881	1,009
Other (income) and Deductions	Other (income) and Deductions	104	84	279	248
Income Tax Expense	Income Tax Expense	19	5	55	11
Net Income Attributable to DTE Energy Company	Net Income Attributable to DTE Energy Company	\$ 268	\$ 363	\$ 547	\$ 750

See DTE Electric's Consolidated Statements of Operations for a complete view of its results. Differences between the Electric segment and DTE Electric's Consolidated Statements of Operations are primarily due to non-utility operations at DTE Sustainable Generation (some of which includes intra-segment activity that is eliminated in consolidation) and the classification of certain benefit costs. Refer to Note 13.12 to the Consolidated Financial Statements, "Retirement Benefits and Trusteed Assets" for additional information.

Operating Revenues decreased \$221 million and \$573 million increased \$91 million in the three and nine months ended September 30, 2023, respectively. Revenues associated with certain mechanisms and surcharges, including recovery of fuel and purchased power, are offset by related expenses elsewhere in the Registrants' Consolidated Statements of Operations. The decrease in both periods increase was due to the following:

	Three Months		Nine Months	
	(In millions)			
Power Supply Cost Recovery	\$	(89)	\$	(321)
Weather		(105)		(222)
Base sales		(9)		(66)
Interconnection sales		(39)		(42)
COVID-19 voluntary refund amortization in 2022		(9)		(25)
Regulatory mechanism - RPS		(14)		11
Implementation of new rates		8		23
Rate Mix		26		50
Other regulatory mechanisms and other ^(a)		10		19
	\$	(221)	\$	(573)

	Three Months (In millions)
Implementation of new rates	\$ 85
Base sales	16
Regulatory mechanism - DTE Securitization I and II	16
Regulatory mechanism - TRM	12
Power Supply Cost Recovery	6
Weather	(6)
Interconnection sales	(7)
Regulatory mechanism - RPS	(12)
Rate mix	(17)
Other regulatory mechanisms and other ^(a)	(2)
	\$ 91

(a) Primarily includes regulatory mechanisms relating to DTE Securitization and EWR.

Revenue results are impacted by changes in sales volumes, which are summarized in the table below:

	Three Months		Nine Months								
	Ended		Ended								
	September 30,		September 30,								
	2023		2023								
(In thousands of MWh)											
Three Months											
Ended March											
31,											
Three Months											
Ended March											
31,											
Three Months											
Ended March											
31,											
2024											
(In thousands of MWh)											
DTE Electric	DTE Electric										
Sales	Sales										
Residential											
Residential											
Residential	Residential	4,292	4,803	11,070	12,393						
Commercial	Commercial	4,433	4,541	12,163	12,501						
Industrial	Industrial	2,202	2,271	6,477	6,464						
Other	Other	46	48	146	151						
		10,973	11,663	29,856	31,509						
		9,550									
Interconnection	Interconnection										
sales	sales	2,314	1,766	5,229	3,551						
Total DTE	Total DTE										
Electric Sales	Electric Sales	13,287	13,429	35,085	35,060						
DTE Electric	DTE Electric										
Deliveries	Deliveries										

DTE Electric Deliveries						
DTE Electric Deliveries						
Retail and wholesale						
Retail and wholesale						
Retail and wholesale	Retail and wholesale	10,973	11,663	29,856	31,509	
Electric retail access, including self-generators ^(a)	Electric retail access, including self-generators ^(a)	1,177	1,201	3,317	3,417	
Total DTE Electric Sales and Deliveries	Total DTE Electric Sales and Deliveries	12,150	12,864	33,173	34,926	

(a) Represents deliveries for self-generators that have purchased power from alternative energy suppliers to supplement their power requirements.

Fuel and purchased power — utility expense decreased \$155 million and \$430 million increased \$5 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The decrease in both periods increase was due to the following:

	Three Months
	(In millions)
Purchased power - lower market higher volumes and prices partially offset by due to higher purchase volumes demand	\$ (74) 21
Gas - lower prices, partially offset by higher consumption	(62)
Coal - lower consumption, partially offset by higher prices	(13) (14)
Other	(2)
	<u>\$ (155) 5</u>
	Nine Months
	(In millions)
Purchased power - lower market prices and lower purchase volumes due to lower demand	\$ (319)
Coal - lower consumption due to coal plant retirements, partially offset by higher prices	(84)
Gas - lower prices, partially offset by higher consumption primarily due to Blue Water Energy Center	(32)
Nuclear fuel - higher amortization due to refueling outage in 2022	17
Other	(12)
	<u>\$ (430)</u>

Operation and maintenance expense decreased \$37 million and \$93 million \$26 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The decrease in the third quarter was primarily due to lower corporate support distribution operations expense of \$76 million (primarily due to lower storm restoration costs), partially offset by one-time costs of \$20 million, lower RPS expense of \$17 million, lower benefits \$31 million resulting from the voluntary separation incentive program and other compensation expense of \$10 million, and lower higher plant generation expense of \$9 million, partially offset by higher distribution operations expense of \$20 million \$17 million.

The decrease in the nine-month period was primarily due to lower plant generation expense of \$103 million, lower benefits and other compensation expense of \$39 million, lower corporate support costs of \$35 million, lower legal expense of \$15 million, and lower RPS expense of \$12 million, partially offset by higher distribution operations expense of \$101 million and higher EWR expense of \$11 million. For both the third quarter and nine-month period, the lower plant generation expense was primarily due to lower outage costs and coal plant retirements, and the higher distribution operations expense was primarily due to higher storm restoration costs.

Depreciation and amortization expense increased \$30 million and \$80 million \$33 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in both periods was primarily due to a \$27 million increase from a higher depreciable base, base and a \$6 million increase associated with the TRM.

Other (Income) and Deductions increased \$20 million and \$31 million \$9 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in the third quarter was primarily due to higher net interest expense of \$18 million and higher non-operating retirement benefits expense of \$6 million \$20 million, partially offset by higher AFUDC equity of \$2 million. The increase in the nine-month period was primarily due to higher net interest expense of \$33 million \$9 million and higher non-operating retirement benefits expense investment income of \$23 million, partially offset by a favorable change in investment earnings of \$18 million and higher AFUDC equity of \$6 million \$2 million.

Income Tax Expense increased \$14 million and \$44 million \$1 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in the third quarter was primarily due to lower amortization of the TCJA regulatory liability, higher earnings, partially offset by lower taxes resulting from lower earnings. The increase in the nine-month period was primarily due to lower amortization of the TCJA regulatory liability and lower higher production tax credits, partially offset by lower taxes resulting from lower earnings and tax benefits resulting from the settlement of a state tax audit credits.

Outlook — DTE Electric will continue to move forward in its efforts to achieve operational excellence, sustain strong cash flows, and earn its authorized return on equity. DTE Electric expects that planned significant capital investments will result in earnings growth. DTE Electric will maintain a strong focus on customers by increasing reliability and satisfaction while keeping customer rate increases affordable. Looking forward, additional factors may impact earnings such as weather, the outcome of regulatory proceedings, benefit plan design changes, uncertainty of legislative or regulatory actions regarding climate change, and effects of energy waste reduction programs.

DTE Electric filed a rate case with the MPSC on **February 10, 2023** **March 28, 2024** requesting an increase in base rates of \$622 \$456 million based on a projected twelve-month period ending **November 30, 2024** **December 31, 2025**, and an increase in return on equity from 9.9% to 10.25% 10.5%. The requested increase in base rates was primarily due to increased the capital investments in plant involving generation required to support continued reliability improvements and the electric distribution system, as well as related increases ongoing transition to depreciation and property tax expenses. These investments will support DTE Energy's goals to reduce carbon emissions and improve power reliability, cleaner energy. The requested increase in base rates was also due to a projected sales decline the increased cost of debt resulting from the level included in current rates market dynamics and inflationary impacts on increasing operating and interest costs maintenance expenses. A final MPSC order in this case is expected in **December 2023** **January 2025**.

GAS

The Gas segment consists principally of DTE Gas. Gas results and outlook are discussed below:

	Three Months		Nine Months		
	Ended	September 30,	Ended	September 30,	
	30,	2023	2023	2022	
(In millions)					
	Three Months				
	Ended				
	March 31,				
	Three Months				
	Ended				
	March 31,				
	Three Months				
	Ended				
	March 31,				
	2024		2024		2023
	(In millions)				(In millions)
Operating	Operating				
Revenues	Revenues				
Utility	Utility				
operations	operations	\$227	\$230	\$1,245	\$1,358
Operating	Operating				
Expenses	Expenses				
Operating Expenses					
Operating Expenses					
Cost of gas — utility					
Cost of gas — utility					

Cost of gas	Cost of gas			
— utility	— utility	23	39	331 436
Operation and maintenance	Operation and maintenance	115	130	366 405
Depreciation and amortization	Depreciation and amortization	51	47	153 140
Taxes other than income	Taxes other than income	23	21	82 76
Asset (gains) losses and impairments, net	Asset (gains) losses and impairments, net	—	—	(1) —
		212	237	931 1,057
Operating Income (Loss)		15	(7)	314 301
		483		
Operating Income				
Other (Income) and Deductions	Other (Income) and Deductions	23	22	64 65
Income Tax Expense (Benefit)		(3)	(6)	60 57
Net Income (Loss) Attributable to DTE Energy Company		\$ (5)	\$ (23)	\$ 190 \$ 179
Income Tax Expense				
Net Income Attributable to DTE Energy Company				

Operating Revenues — Utility operations decreased \$3 million and \$113 million increased \$4 million in the three and nine months ended September 30, 2023, respectively. Revenues associated with certain mechanisms and surcharges, including recovery of the cost of gas, are offset by related expenses elsewhere in DTE Energy's Consolidated Statements of Operations. The decrease in both periods increase was due to the following:

	Three Months		Nine Months	
	(In millions)			
Gas Cost Recovery	\$	(16)	\$	(105)
Weather		(2)		(64)
Voluntary refund		2		4
Regulatory mechanism - EWR		2		5
Base sales		1		8
Infrastructure recovery mechanism		10		29
Other		—		10
	\$	(3)	\$	(113)

	Three Months	
	(In millions)	
Infrastructure recovery mechanism	\$	9
Gas Cost Recovery		7
Base sales		(3)
Weather		(6)
Other		(3)
	\$	4

Revenue results are impacted by changes in sales volumes, which are summarized in the table below:

	Three	Nine		
	Months	Months		
	Ended	Ended		
	September	September		
	30,	30,		
	2023	2022	2023	2022
	(In Bcf)			
	Three			
	Months			
	Ended			
	March 31,			
	Three			
	Months			
	Ended			
	March 31,			
	Three			
	Months			
	Ended			
	March 31,			
	(In Bcf)			
	2024			
	(In Bcf)			
Gas Markets	Gas Markets			
Gas sales	Gas sales	8	8	89 100
Gas sales				
Gas sales				
End-user	End-user			
transportation	transportation	40	33	129 124
		48	41	218 224
		112		
Intermediate	Intermediate			
transportation	transportation	121	125	401 404
Total Gas	Total Gas			
sales	sales	169	166	619 628

Cost of gas — utility expense decreased \$16 million and \$105 million increased \$7 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The decrease in the third quarter increase was primarily due to a lower higher cost of gas of \$18 million. The decrease in the nine-month period was primarily due to \$12 million, partially offset by lower sales volumes of \$55 million and a lower cost of gas of \$50 million \$5 million.

Operation and maintenance expense decreased \$15 million and \$39 million increased \$11 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The decrease in the third quarter increase was primarily due to lower one-time costs of \$8 million resulting from the voluntary separation incentive program and higher gas operations expense of \$10 million and lower corporate support costs of \$6 million. The decrease in the nine-month period was primarily due to lower gas operations expense of \$29 million and lower corporate support costs of \$16 million \$5 million, partially offset by higher EWR lower uncollectible expense of \$3 million and higher legal expense of \$2 million.

Depreciation and amortization expense increased \$4 million and \$13 million \$3 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in both periods was primarily due to a higher depreciable base.

Taxes other than income **Other (Income) and Deductions** expense increased \$2 million and \$6 million \$3 million in the three and nine months ended September 30, 2023, respectively, March 31, 2024. The increase in both periods was primarily due to higher property taxes, net interest expense of \$3 million.

Income Tax Expense decreased \$5 million in the three months ended March 31, 2024. The decrease was primarily due to lower earnings.

Outlook — DTE Gas will continue to move forward in its efforts to achieve operational excellence, sustain strong cash flows, and earn its authorized return on equity. DTE Gas expects that planned significant infrastructure capital investments will result in earnings growth. Looking forward, additional factors may impact earnings such as weather, the outcome of regulatory proceedings, and benefit plan design changes. DTE Gas expects to continue its efforts to improve productivity and decrease costs while improving customer satisfaction with consideration of customer rate affordability.

DTE Gas filed a rate case with the MPSC on January 8, 2024 requesting an increase in base rates of \$266 million based on a projected twelve-month period ending September 30, 2025, and an increase in return on equity from 9.9% to 10.25%. The request reflects a net increase to customer rates of only \$160 million, as an existing IRM surcharge of \$106 million would be rolled into the new base rates. The requested increase is primarily due to increased investments in plant related to system reliability and pipeline safety and inflationary impacts on operating costs, partially offset by higher sales. A final MPSC order in this case is expected in November 2024.

DTE VANTAGE

The DTE Vantage segment is comprised primarily of renewable energy projects that sell electricity and pipeline-quality gas and projects that deliver custom energy solutions to industrial, commercial, and institutional customers. DTE Vantage results and outlook are discussed below:

	Three Months Ended September 30, 2023	Nine Months Ended September 30, 2023	
	(In millions)	(In millions)	
Three Months Ended March 31, 2024			
Three Months Ended March 31, 2024			
Three Months Ended March 31, 2024			
	2024	2024	2023
	(In millions)		(In millions)
Operating Revenues —	Operating Revenues —		
Non-utility operations	Non-utility operations	\$199 \$227 \$572 \$626	
Operating Expenses	Operating Expenses		
Operating Expenses			
Operating Expenses			
Fuel, purchased power, and gas — non-utility			
Fuel, purchased power, and gas — non-utility			

Fuel, purchased power, and gas — non-utility	Fuel, purchased power, and gas — non-utility	98	124	288	317
Operation and maintenance	Operation and maintenance	50	64	171	194
Depreciation and amortization	Depreciation and amortization	14	13	39	39
Taxes other than income	Taxes other than income	2	3	7	8
Asset (gains) losses and impairments, net	Asset (gains) losses and impairments, net	(12)	1	(9)	(4)
		152	205	496	554
		175			
Operating Income	Operating Income	47	22	76	72
Other (Income) and Deductions	Other (Income) and Deductions	(7)	(9)	(25)	(10)
Income Taxes	Income Taxes				
Expense	Expense	15	8	28	20
Expense	Expense				
Tax credits	Tax credits	(17)	(3)	(36)	(6)
		(2)	5	(8)	14
Net Income Attributable to DTE Energy Company	Net Income Attributable to DTE Energy Company	\$ 56	\$ 26	\$ 109	\$ 68
Net Income Attributable to DTE Energy Company	Net Income Attributable to DTE Energy Company				
Net Income Attributable to DTE Energy Company	Net Income Attributable to DTE Energy Company				

Operating Revenues — Non-utility operations decreased \$28 million and \$54 million had no change in the three and nine months ended September 30, 2023, respectively. The decrease in both periods was due to March 31, 2024. Activity for the period included the following:

	Three Months		Nine Months	
	(In millions)			
Lower demand and prices in the On-site business	\$	(16)	\$	(34)
Sales and prices in the Renewables business			2	(24)
Sale of project in the On-site business			(10)	(20)
Demand and prices in the Steel business			(5)	24
Other			1	—
	\$	(28)	\$	(54)

	Three Months (In millions)
Higher sales in the Renewables business	4
Lower demand in the Steel business	(1)
Sale of project in the On-site business	(3)
	<hr/> <hr/> <hr/> <hr/>
	\$ —

Fuel, purchased power, and gas — non-utility expense decreased \$26 million and \$29 million increased \$6 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The decrease in both periods increase was due to the following:

	Three Months	Nine Months
	(In millions)	(In millions)
Lower demand and prices in the On-site business	\$ (13)	\$ (31)
Sale of project in the On-site business	(4)	(6)
Demand and prices in the Steel business	(12)	7
Other	3	1
	<hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/>
	\$ (26)	\$ (29)

Operation and maintenance expense decreased \$14 million and \$23 million in the three and nine months ended September 30, 2023, respectively. The decrease in the third quarter was primarily due to lower operating costs in the Renewables business of \$6 million and lower operating costs in the On-site business of \$6 million, which was primarily driven by a decrease of \$3 million due to the sale of a project. The decrease in the nine-month period was primarily due to lower operating costs in the Renewables business of \$9 million and lower operating costs in the On-site business of \$14 million, which was primarily driven by a decrease of \$9 million to the sale of a project.

Asset (gains) losses and impairments, net changed \$13 million and \$5 million in the three and nine months ended September 30, 2023, respectively. The change in the third quarter was primarily due to a gain of \$17 million resulting from a change in estimate of an asset retirement obligation in the Steel business, partially offset by asset write-offs in other business units of \$5 million. The change in the nine-month period was primarily due to the \$17 million gain in the Steel business, partially offset by asset write-offs in other business units of \$6 million. The net gain for the nine-month period was also partially offset by \$5 million due to the settlement of contingent consideration relating to a 2017 acquisition in the Renewables business, which resulted in a loss of \$2 million in 2023 compared to a gain of \$3 million recorded in 2022.

	Three Months (In millions)
Higher sales in the Renewables business	\$ 8
Higher costs in the Steel business	1
Sale of project in the On-site business	(3)
Other	<hr/> <hr/> <hr/> <hr/>
	\$ 6

Other (Income) and Deductions decreased \$2 million and increased \$15 million changed by \$10 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in the nine-month period change was primarily due to \$11 million higher \$10 million of lower equity investment earnings in the Renewables business and \$4 million higher interest income associated with a new project in the Steel business.

Income Taxes — Tax credits increased \$14 million and \$30 million decreased \$7 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in the third quarter decrease was primarily due to lower investment tax credits of \$11 million related to a new project in the Renewables business. The increase in the nine-month period was primarily due to investment tax credits of \$17 million related to new projects in the Renewables business and \$9 million for a new project in the On-site business.

Outlook — DTE Vantage will continue to leverage its extensive energy-related operating experience and project management capability to develop additional renewable natural gas projects and other projects that will provide customer specific energy solutions. DTE Vantage is also developing decarbonization opportunities relating to carbon capture and sequestration projects.

ENERGY TRADING

Energy Trading focuses on physical and financial power, natural gas and environmental marketing and trading, structured transactions, enhancement of returns from its asset portfolio, and optimization of contracted natural gas pipeline transportation and storage positions. Energy Trading also provides natural gas, power, environmental, and related services, which may include the management of associated storage and transportation contracts on the customers' behalf and the supply or purchase of environmental attributes to various customers. Energy Trading results and outlook are discussed below:

		Three Months		Nine Months			
		Ended September 30, 2023	Ended September 30, 2022	Ended September 30, 2023	Ended September 30, 2022		
		(In millions)					
		Three Months	Three Months	Three Months	Three Months		
		Ended March 31,	Ended March 31,	Ended March 31,	Ended March 31,		
		2024	2024	2024	2024	2023	
		(In millions)				(In millions)	
Operating Revenues	Operating Revenues						
Non-utility operations	Non-utility operations	\$893	\$3,024	\$3,365	\$8,059		
Operating Expenses	Operating Expenses						
Operating Expenses	Operating Expenses						
Purchased power, gas, and other — non-utility	Purchased power, gas, and other — non-utility						
Purchased power, gas, and other — non-utility	Purchased power, gas, and other — non-utility						
Purchased power, gas, and other — non-utility	Purchased power, gas, and other — non-utility	780	2,928	2,975	8,087		
Operation and maintenance	Operation and maintenance	23	16	62	51		
Depreciation and amortization	Depreciation and amortization	2	2	4	4		
Taxes other than income	Taxes other than income	—	1	4	6		
		805	2,947	3,045	8,148		
		935					
Operating Income (Loss)	Operating Income (Loss)	88	77	320	(89)		
Other (Income) and Deductions	Other (Income) and Deductions	1	3	8	18		
Income Tax Expense (Benefit)	Income Tax Expense (Benefit)	22	18	78	(27)		

Net Income (Loss)	
Attributable to DTE Energy	
Company	\$ 65 \$ 56 \$ 234 \$ (80)
Income Tax	
Expense	
Net Income	
Attributable to	
DTE Energy	
Company	

Operating Revenues — Non-utility operations decreased \$2,131 million and \$4,694 million \$635 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The following tables detail table details changes relative to the comparable prior periods: period:

	Three Months
	(In millions)
Gas structured and gas transportation strategies - (\$2,025) 353) primarily due to lower gas prices, (\$84) 60) settled financial hedges	\$ (2,109) (413)
Unrealized MTM - \$21 gains (\$151) losses compared to (\$40) 4) losses in the prior period	61 (147)
Other realized gain (loss)	(83) (75)
	\$ (2,131) (635)
	Nine Months
	(In millions)
Gas structured and gas transportation strategies - (\$4,651) primarily due to lower gas prices, (\$100) settled financial hedges	\$ (4,751)
Unrealized MTM - \$105 gains compared to (\$143) losses in the prior period	248
Other realized gain (loss)	(191)
	\$ (4,694)

Purchased power, gas, and other — non-utility expense decreased \$2,148 million and \$5,112 million \$451 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The following tables detail table details changes relative to the comparable prior periods: period:

	Three Months
	(In millions)
Gas structured and gas transportation strategies - primarily lower gas prices	\$ (2,085) (438)
Unrealized MTM - (\$36) gains \$59 losses compared to (\$107) gains \$148 losses in the prior period	71 89
Other realized (gain) loss	(134) (102)
	\$ (2,148) (451)
	Nine Months
	(In millions)
Gas structured and gas transportation strategies - primarily lower gas prices	\$ (4,743)
Unrealized MTM - (\$119) gains compared to (\$7) gains in the prior period	(112)
Other realized (gain) loss	(257)
	\$ (5,112)

Operation and maintenance expense increased \$7 million and \$11 million \$5 million in the three and nine months ended September 30, 2023, respectively. March 31, 2024. The increase in both periods was primarily due to higher compensation costs.

Natural gas structured transactions typically involve a physical purchase or sale of natural gas in the future and/or natural gas basis financial instruments which are derivatives and a related non-derivative pipeline transportation contract. These gas structured transactions can result in significant earnings volatility as the derivative components are marked-to-market without revaluing the related non-derivative contracts.

Operating Income (Loss) increased \$11 million decreased \$189 million for the three months ended September 30, 2023 March 31, 2024, which includes a \$75 million \$103 million unfavorable change in timing-related gains primarily related to gas strategies subject to reversal in future periods as the underlying contracts settle. The increase decrease also includes a \$19 million favorable \$122 million unfavorable change in timing-related gains and losses primarily related to gas strategies that were recognized in previous periods and subsequently reversed as the underlying contracts settled.

Operating Income (Loss) increased \$409 million for the nine months ended September 30, 2023, which includes a \$391 million favorable change in timing-related gains and losses primarily related to gas strategies subject to reversal in future periods as the underlying contracts settle. The increase also includes a \$17 million favorable change in timing-related losses primarily related to gas strategies that were recognized in previous periods and subsequently reversed as the underlying contracts settled.

Other (Income) and Deductions decreased \$2 million and \$10 million changed by \$6 million in the three and nine months ended September 30, 2023, respectively, March 31, 2024. The decrease in the nine-month period change was primarily due to lower contributions to not-for-profit organizations, higher interest income.

Outlook — In the near-term, Energy Trading expects market conditions to remain challenging. The profitability of this segment may be impacted by the volatility in commodity prices and the uncertainty of impacts associated with regulatory changes, and changes in operating rules of Regional Transmission Organizations. Significant portions of the Energy Trading portfolio are economically hedged. Most financial instruments, physical power and natural gas contracts, and certain environmental contracts are deemed derivatives; whereas, natural gas and environmental inventory, contracts for pipeline transportation, storage assets, and some environmental contracts are not derivatives. As a result, Energy Trading will experience earnings volatility as derivatives are marked-to-market without revaluing the underlying non-derivative contracts and assets. Energy Trading's strategy is to economically manage the price risk of these underlying non-derivative contracts and assets with futures, forwards, swaps, and options. This results in gains and losses that are recognized in different interim and annual accounting periods.

See also the "Fair Value" section herein and Notes 7.6 and 8.7 to the Consolidated Financial Statements, "Fair Value" and "Financial and Other Derivative Instruments," respectively.

CORPORATE AND OTHER

Corporate and Other includes various holding company activities, holds certain non-utility debt, and holds certain investments, including funds supporting regional development and economic growth. The net loss of \$52 million and \$102 million \$21 million for the three and nine months ended September 30, 2023, respectively, March 31, 2024 represents an increase a change of \$17 million and \$3 million \$29 million from the net loss income of \$35 million and \$99 million \$8 million in the comparable 2022 periods. The increase in the third quarter change was primarily due to effective income tax rate adjustments, higher net interest expense, higher state income taxes, and effective income tax rate adjustments. The increase in the nine-month period was primarily due to higher net interest expense, partially offset by effective income tax rate adjustments, lower equity investment losses, losses.

Outlook — Corporate and lower Other will continue to support DTE Energy's goals to achieve long-term earnings growth by managing corporate overhead costs, costs such as interest and tax expense while making prudent investments. Corporate and Other will also continue to support DTE Energy in achieving a strong balance sheet, access to capital markets, and implementation of a financing plan that includes interest rate management in order to manage interest costs that have increased in recent periods.

CAPITAL RESOURCES AND LIQUIDITY

Cash Requirements

DTE Energy uses cash to maintain and invest in the electric and natural gas utilities, to grow the non-utility businesses, to retire and pay interest on long-term debt, and to pay dividends. DTE Energy believes it will have sufficient internal and external capital resources to fund anticipated capital and operating requirements. DTE Energy expects that cash from operations in 2023 2024 will be approximately \$3.2 billion \$3.3 billion. DTE Energy anticipates base level utility capital investments, including environmental, renewable, and energy waste reduction expenditures, and expenditures for non-utility businesses of approximately \$4.2 billion \$4.7 billion in 2023. 2024. DTE Energy plans to seek regulatory approval to include utility capital expenditures in regulatory rate base consistent with prior treatment. Capital spending for growth of existing or new non-utility businesses will depend on the existence of opportunities that meet strict risk-return and value creation criteria.

Refer below for analysis of cash flows relating to operating, investing, and financing activities, which reflect DTE Energy's change in financial condition. Any significant non-cash items are included in the Supplemental disclosure of non-cash investing and financing activities within the Consolidated Statements of Cash Flows, as applicable.

Nine Months	
Ended	
September 30,	
2023	2022

(in millions)		(in millions)	
Three Months Ended		Three Months Ended March 31,	
March 31,		2024	
2024		2023	
(in millions)		(in millions)	
Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	Cash, Cash Equivalents, and Restricted Cash at Beginning of Period	\$ 43	\$ 35
Net cash from operating activities	Net cash from operating activities	2,375	1,412
Net cash used for investing activities	Net cash used for investing activities	(2,941)	(2,453)
Net cash from financing activities	Net cash from financing activities	589	1,057
Net Increase in Cash, Cash Equivalents, and Restricted Cash	Net Increase in Cash, Cash Equivalents, and Restricted Cash	23	16
Cash, Cash Equivalents, and Restricted Cash at End of Period	Cash, Cash Equivalents, and Restricted Cash at End of Period	\$ 66	\$ 51

Cash from Operating Activities

A majority of DTE Energy's operating cash flows are provided by the electric and natural gas utilities, which are significantly influenced by factors such as weather, electric retail access, regulatory deferrals, regulatory outcomes, economic conditions, changes in working capital, and operating costs.

Net cash from operations increased by \$963 million \$118 million in 2023, 2024. The increase was primarily due to increases in Net Income, Depreciation and amortization, Deferred income taxes, and higher cash from working capital items, partially offset by a decrease in Net income.

The change in working capital items in 2023, 2024 was primarily due to increases in cash related to Accounts receivable and Regulatory assets and liabilities, partially offset by decreases in cash related to Accounts payable, Derivative assets and liabilities, and Other current and noncurrent assets and liabilities, partially offset by decreases in cash related to Accounts receivable, net and Inventories.

Cash used for Investing Activities

Cash inflows associated with investing activities are primarily generated from the sale of assets, while cash outflows are the result of plant and equipment expenditures and acquisitions. In any given year, DTE Energy looks to realize cash from under-performing or non-strategic assets or matured, fully valued assets.

Capital spending within the utility businesses is primarily to maintain and improve electric generation and the electric and natural gas distribution infrastructure, and to comply with environmental regulations and renewable energy goals.

Capital spending within the non-utility businesses is primarily for ongoing maintenance, expansion, and growth. DTE Energy looks to make growth investments that meet strict criteria in terms of strategy, management skills, risks, and returns. All new investments are analyzed for their rates of return and cash payback on a risk adjusted basis. DTE Energy has been disciplined in how it deploys capital and will not make investments unless they meet the criteria. For new business lines, DTE Energy initially invests based on research and analysis. DTE Energy starts with a limited investment, evaluates the results, and either expands or exits the business based on those results. In any given year, the amount of growth capital will be determined by the underlying cash flows of DTE Energy, with a clear understanding of any potential impact on its credit ratings.

Net cash used for investing activities increased by **\$488 million** **\$635 million** in **2023** **2024** primarily due to **an increase** **increases** in utility plant and equipment expenditures and **an increase** **Notes receivable, and the Investment in cash used for Notes receivable, time deposit.**

Cash from Financing Activities

DTE Energy relies on both short-term borrowing and long-term financing as a source of funding for capital requirements not satisfied by its operations.

DTE Energy's strategy is to have a targeted debt portfolio blend of fixed and variable interest rates and maturity. DTE Energy targets balance sheet financial metrics to ensure it is consistent with the objective of a strong investment grade debt rating.

Net cash from financing activities **decreased** **increased** by **\$468 million** **\$721 million** in **2023** **2024** primarily due to **decreases in cash related to Redemption of long-term debt** **and Short-term borrowings, net, partially offset by increases** **an increase in cash related to the Issuance of long-term debt, net of discount and issuance costs, and** **Repurchase** **partially offset by a decrease in cash related to Redemption of common stock, long-term debt.**

Outlook

Sources of Cash

DTE Energy expects cash flows from operations to increase over the long-term, primarily as a result of growth from the utility and non-utility businesses. Growth in the utilities is expected to be driven primarily by capital spending which will increase the base from which rates are determined. DTE Energy expects long-term growth in sales related to vehicle electrification, but no significant impacts in the near-term. Non-utility growth is expected from additional investments in the DTE Vantage segment, primarily related to renewable energy and custom energy solutions, while expanding into carbon capture and sequestration. DTE Vantage expects enhanced growth opportunities in decarbonization as a result of the Inflation Reduction Act, **enacted in August 2022**, including tax credits for renewable natural gas and carbon capture projects.

DTE Energy's utilities may be impacted by the timing of collection or refund of various recovery and tracking mechanisms, as a result of timing of MPSC orders. Energy prices are likely to be a source of volatility with regard to working capital requirements for the foreseeable future. DTE Energy continues its efforts to identify opportunities to improve cash flows through working capital initiatives and maintaining flexibility in the timing and extent of long-term capital projects.

At the discretion of management and depending upon economic and financial market conditions, DTE Energy expects to issue up to \$100 million of equity in **2023** **2024**. DTE Energy anticipates these discretionary equity issuances to be made through contributions to the dividend reinvestment plan and/or employee benefit plans.

Over the long-term, DTE Energy does not have any equity commitments and will continue to evaluate equity needs on an annual basis. DTE Energy currently expects its primary source of long-term financing to be the issuance of debt and is monitoring **the impact of rising changes in interest rates and impacts** on the cost of borrowing.

Uses of Cash

DTE Energy has **\$594 million** **\$2.4 billion** in long-term debt, including securitization bonds and finance leases, maturing within twelve months. Repayment of the debt is expected to be made through internally generated funds and the issuance of short-term and/or long-term debt.

DTE Energy has paid quarterly cash dividends for more than 100 consecutive years and expects to continue paying regular cash dividends in the future, including approximately \$0.8 billion in **2023** **2024**. Any payment of future dividends is subject to approval by the Board of Directors and may depend on DTE Energy's future earnings, capital requirements, and financial condition. Over the long-term, DTE Energy expects continued dividend growth and is targeting a payout ratio consistent with pure-play utility companies.

Various subsidiaries and equity investees of DTE Energy have entered into derivative and non-derivative contracts which contain ratings triggers and are guaranteed by DTE Energy. These contracts contain provisions which allow the counterparties to require that DTE Energy post cash or letters of credit as collateral in the event that DTE Energy's credit rating is downgraded below investment grade. Certain of these provisions (known as "hard triggers") state specific circumstances under which DTE Energy can be required to post collateral upon the occurrence of a credit downgrade, while other provisions (known as "soft triggers") are not as specific. For contracts with soft triggers, it is difficult to estimate the amount of collateral which may be requested by counterparties and/or which DTE Energy may ultimately be required to post. The amount of such collateral which could be requested fluctuates based on commodity prices (primarily natural gas, power, and environmental) and the provisions and maturities of the underlying transactions. As of **September 30, 2023** **March 31, 2024**, DTE Energy's contractual obligation to post collateral in the form of cash or letters of credit in the event of a downgrade to below investment grade, under both hard trigger and soft trigger provisions, was **\$437 million** **\$413 million**.

Other obligations are further described in the following Combined Notes to the Consolidated Financial Statements:

Note	Title
1	Organization and Basis of Presentation
2	Significant Accounting Policies
87	Financial and Other Derivative Instruments
98	Long-Term Debt
109	Short-Term Credit Arrangements and Borrowings
1211	Commitments and Contingencies
1312	Retirement Benefits and Trusted Assets

Also refer to the "Capital Investments" section above regarding DTE Energy's capital strategy and estimated spend over the next five years. For additional information regarding DTE Energy's future cash obligations, including scheduled debt maturities and interest payments, minimum lease payments, and future purchase commitments, refer to DTE Energy's Annual Report on Form 10-K for the year ended **December 31, 2022** **December 31, 2023**.

Liquidity

DTE Energy has approximately **\$1.8 billion** **\$3.0 billion** of available liquidity at **September 30, 2023** **March 31, 2024**, consisting primarily of cash and cash equivalents and amounts available under unsecured revolving credit agreements.

DTE Energy believes it will have sufficient operating flexibility, cash resources, and funding sources to maintain adequate amounts of liquidity and to meet future operating cash and capital expenditure needs. However, virtually all of DTE Energy's businesses are capital intensive, or require access to capital, and the inability to access adequate capital could adversely impact earnings and cash flows.

NEW ACCOUNTING PRONOUNCEMENTS

See Note 3 to the Consolidated Financial Statements, "New Accounting Pronouncements."

FAIR VALUE

Derivatives are generally recorded at fair value and shown as Derivative assets or liabilities. Contracts DTE Energy typically classifies as derivative instruments include power, natural gas, some environmental contracts, and certain forwards, futures, options and swaps, and foreign currency exchange contracts. Items DTE Energy does not generally account for as derivatives include natural gas and environmental inventory, pipeline transportation contracts, storage assets, and some environmental contracts. See Notes **76** and **87** to the Consolidated Financial Statements, "Fair Value" and "Financial and Other Derivative Instruments," respectively.

The tables below do not include the expected earnings impact of non-derivative natural gas storage, transportation, certain power contracts, and some environmental contracts which are subject to accrual accounting. Consequently, gains and losses from these positions may not match with the related physical and financial hedging instruments in some reporting periods, resulting in volatility in the Registrants' reported period-by-period earnings; however, the financial impact of the timing differences will reverse at the time of physical delivery and/or settlement.

The Registrants manage their MTM risk on a portfolio basis based upon the delivery period of their contracts and the individual components of the risks within each contract. Accordingly, the Registrants record and manage the energy purchase and sale obligations under their contracts in separate components based on the commodity (e.g. electricity or natural gas), the product (e.g. electricity for delivery during peak or off-peak hours), the delivery location (e.g. by region), the risk profile (e.g. forward or option), and the delivery period (e.g. by month and year).

The Registrants have established a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value in three broad levels. The fair value hierarchy gives the highest priority to quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). For further discussion of the fair value hierarchy, see Note **76** to the Consolidated Financial Statements, "Fair Value."

The following table provides details on changes in DTE Energy's MTM net asset (or liability) position:

	DTE Energy
	(In millions)
MTM at December 31, 2022 December 31, 2023	\$ (224) 97
Reclassified to realized upon settlement	(14) (74)
Changes in fair value recorded to income	234 (20)
Amounts recorded to unrealized income	220 (94)
Changes in fair value recorded in Regulatory liabilities	3 (2)
Amounts recorded in other comprehensive income, pre-tax	22 27
Change in collateral	(11) (25)
MTM at September 30, 2023 March 31, 2024	\$ 10 3

The table below shows the maturity of DTE Energy's MTM positions. The positions from 2026 2027 and beyond principally represent longer tenor gas structured transactions:

Source of Fair Value	Source of Fair Value	2026 Total and Fair				Source of Fair Value	2024	2025	2026	2027 and Beyond	Total Fair Value							
		2023	2024	2025	Beyond													
(In millions)																		
(In millions)																		
Level 1	Level 1	\$ —	\$ 11	\$ 7	\$ (2)	\$ 16												
Level 2	Level 2	13	(1)	—	(17)	(5)												
Level 3	Level 3	5	37	4	(59)	(13)												
MTM before collateral	MTM before collateral																	
adjustments	adjustments	\$ 18	\$ 47	\$ 11	\$ (78)	(2)												
Collateral	Collateral	=====	=====	=====	=====													
adjustments	adjustments					12												
MTM at September 30, 2023																		
MTM at March 31, 2024																		

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Market Price Risk

The Electric and Gas businesses have commodity price risk, primarily related to the purchases of coal, natural gas, uranium, and electricity. However, the Registrants do not bear significant exposure to earnings risk, as such changes are included in the PSCR and GCR regulatory rate-recovery mechanisms. Earnings may be indirectly impacted if PSCR or GCR charges increase such that it impacts the collectability of receivables and increases uncollectible expense. Refer to the Allowance for Doubtful Accounts section below for additional information.

Changes in the price of natural gas can also impact the valuation of lost and unaccounted for gas, storage sales, and transportation services revenue at the Gas segment. The Gas segment manages its market price risk related to storage sales revenue primarily through the sale of long-term storage contracts. The Registrants are exposed to short-term cash flow or liquidity risk as a result of the time differential between actual cash settlements and regulatory rate recovery.

The DTE Vantage segment is subject to price risk for electricity, natural gas, coal products, and environmental attributes generated from its renewable natural gas investments. DTE Energy manages its exposure to commodity price risk through the use of long-term contracts and hedging instruments, when available.

DTE Energy's Energy Trading business segment has exposure to electricity, natural gas, environmental, crude oil, heating oil, and foreign currency exchange price fluctuations. These risks are managed by the energy marketing and trading operations through the use of forward energy, capacity, storage, options, and futures contracts, within predetermined risk parameters.

Credit Risk

Allowance for Doubtful Accounts

The Registrants regularly review contingent matters, existing and future economic conditions, customer trends and other factors relating to customers and their contracts and record provisions for amounts considered at risk of probable loss in the allowance for doubtful accounts. The Registrants believe their accrued amounts are adequate for probable loss. The Registrants manage this risk by working at the state and federal levels to promote funding programs for low-income customers, providing energy assistance programs and support, and promoting timely customer payments through adherence to MPSC billing practice rules relating to payment arrangements, energy disconnects, and restores.

Trading Activities

DTE Energy is exposed to credit risk through trading activities. Credit risk is the potential loss that may result if the trading counterparties fail to meet their contractual obligations. DTE Energy utilizes both external and internal credit assessments when determining the credit quality of trading counterparties.

The following table displays the credit quality of DTE Energy's trading counterparties as of **September 30, 2023**/**March 31, 2024**:

		Credit		Exposure									
		Before		Net									
		Cash	Cash	Credit									
		Collateral	Collateral	Exposure									
(In millions)													
		Credit		Exposure									
		Before		Credit Exposure									
		Cash		Before Cash		Cash							
		Collateral		Collateral		Collateral							
(In millions)													
Investment	Investment												
Grade(a)	Grade(a)												
A- and Greater													
A- and Greater													
A- and	A- and												
Greater	Greater	\$ 366	\$ —	\$ 366									
BBB+	BBB+												
and BBB	and BBB	331	(3)	328									
BBB-	BBB-	13	—	13									
Total	Total												
Investment	Investment												
Grade	Grade	710	(3)	707									
Non-investment	Non-investment												
grade(b)	grade(b)	7	—	7									
Internally	Internally												
Rated —	Rated —												
investment	investment												
grade(c)	grade(c)	350	—	350									
Internally	Internally												
Rated —	Rated —												
non-investment	non-investment												
grade(d)	grade(d)	11	—	11									
Total	Total	\$ 1,078	\$ (3)	\$ 1,075									

- (a) This category includes counterparties with minimum credit ratings of Baa3 assigned by Moody's Investors Service (Moody's) or BBB-assigned by Standard & Poor's Rating Group, a division of McGraw-Hill Companies, Inc. (Standard & Poor's). The five largest counterparty exposures, combined, for this category represented 25% 27% of the total gross credit exposure.
- (b) This category includes counterparties with credit ratings that are below investment grade. The five largest counterparty exposures, combined, for this category represented less than 1% of the total gross credit exposure.
- (c) This category includes counterparties that have not been rated by Moody's or Standard & Poor's but are considered investment grade based on DTE Energy's evaluation of the counterparty's creditworthiness. The five largest counterparty exposures, combined, for this category represented 13% 12% of the total gross credit exposure.
- (d) This category includes counterparties that have not been rated by Moody's or Standard & Poor's and are considered non-investment grade based on DTE Energy's evaluation of the counterparty's creditworthiness. The five largest counterparty exposures, combined, for this category represented less than 1% of the total gross credit exposure.

Other

The Registrants engage in business with customers that are non-investment grade. The Registrants closely monitor the credit ratings of these customers and, when deemed necessary and permitted under the tariffs, request collateral or guarantees from such customers to secure their obligations.

Interest Rate Risk

DTE Energy is subject to interest rate risk in connection with the issuance of debt. In order to manage interest costs, DTE Energy may use treasury locks and interest rate swap agreements. DTE Energy's exposure to interest rate risk arises primarily from changes in U.S. Treasury rates, commercial paper rates, credit spreads, and SOFR. As of **September 30, 2023** **March 31, 2024**, DTE Energy had floating rate debt of **\$1.2 billion** **\$290 million** and a floating rate debt-to-total debt ratio of **6.0%** **1.4%**.

Foreign Currency Exchange Risk

DTE Energy has foreign currency exchange risk arising from market price fluctuations associated with fixed priced contracts. These contracts are denominated in Canadian dollars and are primarily for the purchase and sale of natural gas and power, as well as for long-term transportation capacity. To limit DTE Energy's exposure to foreign currency exchange fluctuations, DTE Energy has entered into a series of foreign currency exchange forward contracts through December 2032.

Summary of Sensitivity Analyses

Sensitivity analyses were performed on the fair values of commodity contracts for DTE Energy and long-term debt obligations for the Registrants. The commodity contracts listed below principally relate to energy marketing and trading activities. The sensitivity analyses involved increasing and decreasing forward prices and rates at **September 30, 2023** **March 31, 2024** and **2022** **2023** by a hypothetical 10% and calculating the resulting change in the fair values. The hypothetical losses related to long-term debt would be realized only if DTE Energy transferred all of its fixed-rate long-term debt to other creditors.

The results of the sensitivity analyses:

		Assuming a 10% Increase in Prices/Rates				Assuming a 10% Decrease in Prices/Rates							
		As of September 30, 2023		As of September 30, 2024		As of March 31, 2023		As of March 31, 2024					
Activity	Activity	Change in the Fair Value of				Change in the Fair Value of							
		(In millions)				Change in the Fair Value of							
Activity													
Activity		2024	2023	2024	2023	2024	2023	2024	2023				
									Change in the Fair Value of				

(In millions)										
Environmental contracts										
Environmental contracts										
Environmental contracts	Environmental contracts	\$ (7)	\$ (8)	\$ 7	\$ 8	Commodity contracts	\$ (10)	\$ (2)	\$ 10	\$ 2
Gas contracts	Gas contracts	\$ 35	\$ 19	\$ (35)	\$ (19)	Commodity contracts	\$ 39	\$ 19	\$ (39)	\$ (19)
Power contracts	Power contracts	\$ 3	\$ 13	\$ (4)	\$ (13)	Commodity contracts	\$ (2)	\$ 8	\$ 2	\$ (8)
Oil contracts	Oil contracts	\$ 1	\$ 2	\$ (1)	\$ (2)	Commodity contracts	\$ 1	\$ 1	\$ (1)	\$ (1)
Interest rate risk — DTE Energy	Interest rate risk — DTE Energy	\$ (717)	\$ (667)	\$ 776	\$ 718	Long-term debt	\$ (781)	\$ (709)	\$ 837	\$ 762
Interest rate risk — DTE Electric	Interest rate risk — DTE Electric	\$ (477)	\$ (426)	\$ 524	\$ 466	Long-term debt	\$ (515)	\$ (480)	\$ 560	\$ 523

For further discussion of market risk, see Note 8 to the Consolidated Financial Statements, "Financial and Other Derivative Instruments."

Item 4. Controls and Procedures

DTE Energy

(a) Evaluation of disclosure controls and procedures

Management of DTE Energy carried out an evaluation, under the supervision and with the participation of DTE Energy's Chief Executive Officer (CEO) and Chief Financial Officer (CFO), of the effectiveness of the design and operation of DTE Energy's disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) as of **September 30, 2023** **March 31, 2024**, which is the end of the period covered by this report. Based on this evaluation, DTE Energy's CEO and CFO have concluded that such disclosure controls and procedures are effective in providing reasonable assurance that information required to be disclosed by DTE Energy in reports that it files or submits under the Exchange Act (i) is recorded, processed, summarized, and reported within the time periods specified in the U.S. Securities and Exchange Commission's rules and forms and (ii) is accumulated and communicated to DTE Energy's management, including its CEO and CFO, as appropriate to allow timely decisions regarding required disclosure. Due to the inherent limitations in the effectiveness of any disclosure controls and procedures, management cannot provide absolute assurance that the objectives of its disclosure controls and procedures will be attained.

(b) Changes in internal control over financial reporting

There have been no changes in DTE Energy's internal control over financial reporting during the quarter ended **September 30, 2023** **March 31, 2024** that have materially affected, or are reasonably likely to materially affect, DTE Energy's internal control over financial reporting.

DTE Electric

(a) Evaluation of disclosure controls and procedures

Management of DTE Electric carried out an evaluation, under the supervision and with the participation of DTE Electric's Chief Executive Officer (CEO) and Chief Financial Officer (CFO), of the effectiveness of the design and operation of DTE Electric's disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) as of **September 30, 2023** **March 31, 2024**, which is the end of the period covered by this report. Based on this evaluation, DTE Electric's CEO and CFO have concluded that such disclosure controls and procedures are effective in providing reasonable assurance that information required to be disclosed by DTE Electric in reports that it files or submits under the Exchange Act (i) is recorded, processed, summarized, and reported within the time periods specified in the U.S. Securities and Exchange Commission's rules and forms and (ii) is accumulated and communicated to DTE Electric's management, including its CEO and CFO, as appropriate to allow timely decisions regarding required disclosure. Due to the inherent limitations in the effectiveness of any disclosure controls and procedures, management cannot provide absolute assurance that the objectives of its disclosure controls and procedures will be attained.

(b) Changes in internal control over financial reporting

There have been no changes in DTE Electric's internal control over financial reporting during the quarter ended **September 30, 2023** **March 31, 2024** that have materially affected, or are reasonably likely to materially affect, DTE Electric's internal control over financial reporting.

Part II — Other Information

Item 1. Legal Proceedings

For information on legal proceedings and matters related to the Registrants, see Notes 54 and 1211 to the Consolidated Financial Statements, "Regulatory Matters" and "Commitments and Contingencies," respectively.

For environmental proceedings in which the government is a party, the Registrants have included disclosures if any sanctions of \$1 million or greater are expected.

Item 1A. Risk Factors

There are various risks associated with the operations of the Registrants' businesses. To provide a framework to understand the operating environment of the Registrants, a brief explanation of the more significant risks associated with the Registrants' businesses is provided in Part 1, Item 1A. Risk Factors in DTE Energy's and DTE Electric's combined 2022 2023 Annual Report on Form 10-K. Although the Registrants have tried to identify and discuss key risk factors, others could emerge in the future.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Purchases of DTE Energy Equity Securities by the Issuer and Affiliated Purchasers

The following table provides information about DTE Energy's purchases of equity securities that are registered by DTE Energy pursuant to Section 12 of the Exchange Act of 1934 for the quarter ended September 30, 2023 March 31, 2024:

	Number of Shares Purchased ^(a)	Average Price Paid per Share ^(a)	Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Average Price Paid per Share	Maximum Dollar Value that May Yet Be Purchased Under the Plans or Programs
07/01/2023 — 07/31/2023	5,408	\$ 111.60	—	—	—
08/01/2023 — 08/31/2023	3,353	\$ 112.29	—	—	—
09/01/2023 — 09/30/2023	800	\$ 108.15	—	—	—
Total	9,561		—	—	—

	Number of Shares Purchased ^(a)	Average Price Paid per Share ^(a)	Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Average Price Paid per Share	Maximum Dollar Value that May Yet Be Purchased Under the Plans or Programs
01/01/2024 — 01/31/2024	26,336	\$ 105.00	—	—	—
02/01/2024 — 02/29/2024	45	\$ 107.47	—	—	—
03/01/2024 — 03/31/2024	5,473	\$ 116.98	—	—	—
Total	31,854		—	—	—

(a) Primarily represents shares of DTE Energy common stock withheld to satisfy income tax obligations upon the vesting of restricted stock based on the market price at the vesting date.

Item 5. Insider Trading Arrangements and Policies

For During the quarter ended September 30, 2023 March 31, 2024, no DTE Energy directors or officers have adopted or terminated any Rule 10b5-1 trading arrangements or non-Rule 10b5-1 trading arrangements.

Item 6. Exhibits

Exhibit Number	Description	DTE Energy	DTE Electric
<i>(i) Exhibits filed herewith:</i>			
4.1.4.1	Fifty-fourth Supplemental Indenture dated as of October 1, 2023 February 1, 2024, to the Amended and Restated Indenture, dated as of April 9, 2001, by and between DTE Energy Company and The Bank of New York Mellon Trust Company, N.A., as successor trustee. (2024 Series A)	X	
4.2	Supplemental Indenture dated as of February 1, 2024, to the Mortgage and Deed of Trust dated as of March 1, 1944 October 1, 1924 , between DTE Gas Electric Company and Citibank N.A. , trustee (2023 Series E and F)	X	
10.1	Form The Bank of Amendment No. 1, dated as of October 25, 2023, to the Fifth Amended and Restated Five-Year Credit Agreement, dated as of October 25, 2022, by and among DTE Energy New York Mellon Trust Company , the lenders party thereto, and Citibank, N.A. , as Administrative Agent trustee (2024 Series B and C)	X	X
31.1	Chief Executive Officer Section 302 Form 10-Q Certification of Periodic Report	X	
31.2	Chief Financial Officer Section 302 Form 10-Q Certification of Periodic Report	X	
31.3	Chief Executive Officer Section 302 Form 10-Q Certification of Periodic Report		X
31.4	Chief Financial Officer Section 302 Form 10-Q Certification of Periodic Report		X
101.INS	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.	X	X
101.SCH	XBRL Taxonomy Extension Schema	X	X
101.CAL	XBRL Taxonomy Extension Calculation Linkbase	X	X
101.DEF	XBRL Taxonomy Extension Definition Database	X	X
101.LAB	XBRL Taxonomy Extension Label Linkbase	X	X
101.PRE	XBRL Taxonomy Extension Presentation Linkbase	X	X
<i>(ii) Exhibits furnished herewith:</i>			
32.1	Chief Executive Officer Section 906 Form 10-Q Certification of Periodic Report	X	
32.2	Chief Financial Officer Section 906 Form 10-Q Certification of Periodic Report	X	
32.3	Chief Executive Officer Section 906 Form 10-Q Certification of Periodic Report		X
32.4	Chief Financial Officer Section 906 Form 10-Q Certification of Periodic Report		X
<i>(iii) Exhibits incorporated by reference:</i>			
10.2	Securitization Property Servicing Agreement between DTE Electric Securitization Funding II LLC and DTE Electric Company, as Servicer, dated as of November 1, 2023 (Exhibit 10.1 to DTE Electric's Form 8-K filed November 1, 2023)		X
10.3	Securitization Property Purchase and Sale Agreement between DTE Electric Securitization Funding II LLC and DTE Electric Company, as Seller, dated as of November 1, 2023 (Exhibit 10.2 to DTE Electric's Form 8-K filed November 1, 2023)		X
10.4	Administration Agreement between DTE Electric Securitization Funding II LLC and DTE Electric Company, as Administrator, dated as of November 1, 2023 (Exhibit 10.3 to DTE Electric's Form 8-K filed November 1, 2023)		X
10.5	Intercreditor Agreement by and among DTE Electric Company, DTE Electric Securitization Funding I LLC, DTE Electric Securitization Funding II LLC, The Bank of New York Mellon and U.S. Bank Trust Company, National Association, dated as of November 1, 2023 (Exhibit 10.4 to DTE Electric's Form 8-K filed November 1, 2023)		X

Signatures

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrants have duly caused this report to be signed on their behalf by the undersigned, thereunto duly authorized. The signature for each undersigned Registrant shall be deemed to relate only to matters having reference to such Registrant and any subsidiaries thereof.

Date: **November 1, 2023** April 25, 2024

DTE ENERGY COMPANY

By: **/S/ TRACY J. MYRICK**

Tracy J. Myrick
Chief Accounting Officer
(Duly Authorized Officer)

DTE ELECTRIC COMPANY

By: **/S/ TRACY J. MYRICK**

Tracy J. Myrick
Chief Accounting Officer
(Duly Authorized Officer)

7568

Exhibit 4.1

FIFTY-FOURTH DTE ENERGY COMPANY
AND
THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.,
TRUSTEE

SUPPLEMENTAL INDENTURE

TO

INDENTURE OF MORTGAGE AND
DEED OF TRUST
DATED AS OF **MARCH FEBRUARY 1, 1944**
2024

AS RESTATED IN

PART II OF THE TWENTY-NINTH

SUPPLEMENTAL INDENTURE DATED AS OF JULY 15, 1989

WHICH BECAME EFFECTIVE ON APRIL 1, 1994

DTE GAS COMPANY

formerly known as

Michigan Consolidated Gas Company

TO

CITIBANK, N.A.,

TRUSTEE SUPPLEMENTING THE AMENDED AND RESTATED INDENTURE

DATED AS OF OCTOBER 1, 2023

CREATING TWO ISSUES OF FIRST MORTGAGE BONDS,

DESIGNATED AS

2023 SERIES E BONDS
2023 SERIES F BONDS APRIL 9, 2001

PROVIDING FOR

2024 SERIES A 5.10% SENIOR NOTES DUE 2029

DTE GAS COMPANY

FIFTY-FOURTH SUPPLEMENTAL INDENTURE
DATED AS OF OCTOBER 1, 2023
SUPPLEMENTAL TO INDENTURE OF MORTGAGE
AND DEED OF TRUST
DATED AS OF MARCH 1, 1944

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THIS FIFTY-FOURTH SUPPLEMENTAL INDENTURE, dated as of the 1st day of October 2023, February, 2024, between DTE GAS ENERGY COMPANY, formerly known as Michigan Consolidated Gas Company, a corporation duly organized and existing under and by virtue of the laws of the State of Michigan (hereinafter called the "Company"), having its principal place of business at One Energy Plaza, Detroit, Michigan, 48226 and CITIBANK, N.A., a national banking association incorporated and existing under and by virtue of the laws of the United States of America, having an office at 388 Greenwich Street in the Borough of Manhattan, the City The Bank of New York New York, 10013 Mellon Trust Company, N.A., as successor trustee (hereinafter with its predecessors as trustee called the "Mortgage Trustee" or the (the "Trustee");

WHEREAS, the Company has heretofore executed and delivered to the Trustee an Amended and Restated Indenture, dated as of Mortgage and Deed of Trust April 9, 2001 (the "Original Indenture"), dated as amended, supplemented or modified (as so amended, supplemented or modified, the "Indenture") providing for the issuance by the Company from time to time of March 1, 1944; its debt securities; and

WHEREAS, the Company has heretofore executed and delivered to the Trustee the Twenty-ninth Supplemental Indenture, which became effective April 1, 1994, now desires to provide for the modification issuance of a series of its unsecured, senior debt securities pursuant to the Original Indenture; and restatement

WHEREAS, the Company, in the exercise of the power and authority conferred upon and reserved to it under the provisions of the Original Indenture, as previously amended (as so amended, supplemented including Section 901 thereof, and modified the "Indenture"), and to secure the Company's First Mortgage Bonds, unlimited in aggregate principal amount except as therein otherwise provided, issued pursuant to the:

Thirtieth Supplemental Indenture, dated as of September 1, 1991;
Thirty-first Supplemental Indenture, dated as of December 15, 1991;
Thirty-second Supplemental Indenture, dated as of January 5, 1993;
Thirty-third Supplemental Indenture, dated as of May 1, 1995;
Thirty-fourth Supplemental Indenture, dated as of November 1, 1996;
Thirty-fifth Supplemental Indenture, dated as of June 18, 1998;
Thirty-sixth Supplemental Indenture, dated as of August 15, 2001;
Thirty-seventh Supplemental Indenture, dated as of February 15, 2003;
Thirty-eighth Supplemental Indenture, dated as of October 1, 2004;
Thirty-ninth Supplemental Indenture, dated as of April 1, 2008;
Fortieth Supplemental Indenture, dated as of June 1, 2008;
Forty-first Supplemental Indenture, dated as of August 1, 2008;
Forty-second Supplemental Indenture, dated as of December 1, 2008;
Forty-third Supplemental Indenture, dated as of December 1, 2012;
Forty-fourth Supplemental Indenture, dated as of December 1, 2013;
Forty-fifth Supplemental Indenture, dated as of December 1, 2014;
Forty-sixth Supplemental Indenture, dated as of August 1, 2015;
Forty-seventh Supplemental Indenture, dated as of December 1, 2016;
Forty-eighth Supplemental Indenture, dated as of September 1, 2017;
Forty-ninth Supplemental Indenture, dated as of August 1, 2018;
Fiftieth Supplemental Indenture, dated as of October 1, 2019;
Fifty-first Supplemental Indenture, dated as of August 1, 2020;

Fifty-second Supplemental Indenture, dated as of November 1, 2021; and
Fifty-third Supplemental Indenture, dated as of September 1, 2022

WHEREAS, at the date hereof there were outstanding First Mortgage Bonds appropriate resolutions of the Company issued under Board of Directors, has duly determined to make, execute and deliver to the Indenture, of 22 series in the principal amounts set forth below including Collateral Bonds):

<u>Designation of Series</u>	<u>Amount Initially Issued</u>	<u>Amount Outstanding</u>
First Mortgage Bonds		

2012 Series D First Mortgage Bonds	\$70,000,000	\$70,000,000
2013 Series C First Mortgage Bonds	\$50,000,000	\$50,000,000
2013 Series D First Mortgage Bonds	\$70,000,000	\$70,000,000
2013 Series E First Mortgage Bonds	\$50,000,000	\$50,000,000
2014 Series F First Mortgage Bonds	\$150,000,000	\$150,000,000
2015 Series C First Mortgage Bonds	\$40,000,000	\$40,000,000
2015 Series D First Mortgage Bonds	\$125,000,000	\$125,000,000
2016 Series G First Mortgage Bonds	\$125,000,000	\$125,000,000
2017 Series C First Mortgage Bonds	\$40,000,000	\$40,000,000
2017 Series D First Mortgage Bonds	\$40,000,000	\$40,000,000
2018 Series B First Mortgage Bonds	\$195,000,000	\$195,000,000
2018 Series C First Mortgage Bonds	\$125,000,000	\$125,000,000
2019 Series D First Mortgage Bonds	\$140,000,000	\$140,000,000
2019 Series E First Mortgage Bonds	\$140,000,000	\$140,000,000
2020 Series D First Mortgage Bonds	\$125,000,000	\$125,000,000
2020 Series E First Mortgage Bonds	\$125,000,000	\$125,000,000
2021 Series C First Mortgage Bonds	\$60,000,000	\$60,000,000
2021 Series D First Mortgage Bonds	\$95,000,000	\$95,000,000
2022 Series C First Mortgage Bonds	\$130,000,000	\$130,000,000
2022 Series D First Mortgage Bonds	\$130,000,000	\$130,000,000
 Collateral Bonds (Senior Notes)		
5.70% Collateral Bonds due 2033	\$200,000,000	\$200,000,000
2008 Series F Collateral Bonds	\$75,000,000	\$75,000,000

WHEREAS, the Company desires in and by Trustee this Supplemental Indenture to the Original Indenture as permitted by Section 201 and Section 301 of the Original Indenture in order to establish two the form or terms of, and to provide for the creation and issue of, a series of bonds to be issued its debt securities under the Original Indenture, designated which shall be known as the "2024 Series A 5.10% Senior Notes due 2029"; and distinguished as 2023 Series E Bonds

WHEREAS, all things necessary to make such debt securities, when executed by the Company and 2023 Series F Bonds (herein collectively sometimes called authenticated and delivered by the "Bonds"), to designate Trustee or any Authenticating Agent and issued upon the terms thereof, and subject to specify the particulars necessary to describe conditions hereinafter and define the same and to specify such other provisions and agreements in respect thereof as are in the Original Indenture provided or permitted; set forth against payment therefor, the valid, binding and

WHEREAS, all legal obligations of the conditions Company and requirements necessary to make this Supplemental Indenture when duly executed and delivered, a valid, binding and legal instrument agreement of the Company, have been done;

NOW, THEREFORE, THIS SUPPLEMENTAL INDENTURE WITNESSETH that, in accordance with its order to establish the terms of a series of debt securities, and for the purposes herein expressed, have been done, performed and fulfilled, and the execution and delivery of this Supplemental Indenture in the form and with the terms hereof have been in all respects duly authorized;

NOW, THEREFORE, in consideration of the premises and in further consideration of the sum of One Dollar covenants contained in lawful money of the United States of America paid to the Company by the Trustee at or before the execution and delivery of this Fifty-Fourth Supplemental Indenture, the receipt whereof is hereby acknowledged, and of other good and valuable consideration, it is agreed by and between the Company and the Trustee as follows:

ARTICLE I
ESTABLISHMENT OF AN ISSUE OF
FIRST MORTGAGE BONDS, OF THE SERIES
DESIGNATED AND DISTINGUISHED AS "2023 SERIES E BONDS"

SECTION 1

There is hereby established a series of bonds to be issued under and secured by the Indenture, to be known as "First Mortgage Bonds," designated and distinguished as "2023 Series E Bonds" of the Company. The 2023 Series E Bonds shall be limited in aggregate principal amount to \$150,000,000 except as provided in Article II of the Original Indenture and in this Supplemental Indenture and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, it is mutually covenanted and agreed as follows:

ARTICLE ONE

DEFINITIONS AND OTHER PROVISIONS OF GENERAL APPLICATION

SECTION 101. Definitions. Each capitalized term that is used herein and is defined in the Original Indenture shall have the meaning specified in the Original Indenture unless such term is otherwise defined herein. The following term shall have the meaning set forth below:

"Business Day" means any day other than a Saturday or Sunday or a day on which commercial banks in the state of New York or the state of Michigan are required or authorized by law or executive order to be closed.

SECTION 102. Section References. Each reference to a particular section set forth in this Supplemental Indenture shall, unless the context otherwise requires, refer to this Supplemental Indenture.

ARTICLE TWO

TITLE AND TERMS OF THE SECURITIES

SECTION 201. Title of the Securities; Stated Maturity. This Supplemental Indenture hereby establishes a series of Securities, which shall be known as the Company's "2024 Series A 5.10% Senior Notes due 2029" (the "Notes"). The Stated Maturity on which the principal of the Notes shall be due and payable will be March 1, 2029.

SECTION 202. Rank. The Notes shall rank equally with all other unsecured and unsubordinated indebtedness of the Company from time to time outstanding.

SECTION 203. Variations from the Original Indenture. Section 1009 of the Original Indenture shall be applicable to the Notes. Section 403(2) and Section 403(3) shall be applicable to the Notes; the Company's obligations under Section 1009, without limitation, shall be subject to defeasance in accordance with Section 403(3).

SECTION 204. Amount and Denominations; DTC. (a) The aggregate principal amount of the Notes that may be issued under this Supplemental Indenture is limited initially to \$1,200,000,000 (except as provided in Section 301(2) of the Original Indenture); provided that the Company may, without the consent of the Holders of the Outstanding Notes, "reopen" the Notes so as to increase the aggregate principal amount of the Notes Outstanding in compliance with the procedures set forth in the Original Indenture, including Section 301 and Section 303 thereof, so long as any such additional Notes have the same tenor and terms (including, without limitation, rights to receive accrued and unpaid interest) as the Notes then Outstanding. No additional Notes may be issued if an Event of Default has occurred. The Notes shall be issuable only in fully registered form and, as permitted by Section 301 and Section 302 of the Original Indenture, in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. The Notes will initially be issued in global form (the "Global Notes") under a book-entry system, registered in the name of The Depository Trust Company, as depository ("DTC"), or its nominee, which is hereby designated as "Depositary" under the Indenture.

(b) Further to Section 305 of the Original Indenture, any Global Note shall be exchangeable for Notes registered in the name of, and a transfer of a Global Note may be registered to, any Person other than the Depositary for such Note or its nominee only if (i) such Depositary notifies the Company that it is unwilling or unable to continue as Depositary for such Global Note or if at any time such Depositary ceases to be a clearing agency registered under the Exchange Act, and, in either such case, the Company does not appoint a successor Depositary within 90 days thereafter,

(ii) the Company executes and delivers to the Trustee a Company Order that such Global Note shall be so exchangeable and the transfer thereof so registrable or (iii) there shall have occurred and be continuing an Event of Default or an event which, with the giving of notice or lapse of time, or both, would constitute an Event of Default with respect to transfers, exchanges and replacements the Notes. Upon the occurrence in respect of a Global Note of any or more of the 2023 Series E Bonds. The 2023 Series E Bonds shall conditions specified in clause (i), (ii)

or (iii) of the preceding sentence, such Global Note may be exchanged for Notes registered in the name of, and the transfer of such Global Note may be registered bonds without coupons to, such Persons (including Persons other than the Depositary and its nominees) as such Depositary, in the case of an exchange, and the Company, in the case of a transfer, shall be dated as direct.

SECTION 205. Terms of the date of the authentication thereof by the Trustee. Notes.

(a) The 2023 Series E Bonds shall mature on the 1st day of October 2030 (subject to earlier redemption, as provided herein), Notes shall bear interest at the rate of 5.57% 5.10% per annum payable semi-annually on the 1st day of April and October of each year and at maturity (each a "2023 Series E Interest Payment Date"), beginning on April 1, 2024. The principal, Make-Whole Amount (as defined below), if any, and interest on the 2023 Series E Bonds shall be payable in lawful money of the United States of America; the place where such principal and Make-Whole Amount, if any, shall be payable shall be the corporate trust office of the Trustee in the Borough of Manhattan, the City of New York, New York, and the place where such interest shall be payable shall be the office or agency of the Company in said Borough of Manhattan, the City of New York, New York. The 2023 Series E Bonds shall have such other terms as set forth in the form of 2023 Series E Bond provided in Section 3.

SECTION 2

The 2023 Series E Bonds shall be subject to redemption at the option of the Company, in whole at any time or in part from time to time (any such date of redemption, a "2023 Series E Redemption Date"), at the applicable redemption price ("2023 Series E Redemption Price") set forth below.

At any time prior to August 1, 2030 (the "2023 Series E Par Call Date"), the 2023 Series E Redemption Price will be equal to 100% of the principal amount of the 2023 Series E Bonds to be redeemed on the 2023 Series E Redemption Date together with the Make-Whole Amount (as defined in the form of 2023 Series E Bond provided in Section 3), if any, plus, in each case, accrued and unpaid interest thereon to the 2023 Series E Redemption Date.

At any time on or after the 2023 Series E Par Call Date, the 2023 Series E Redemption Price will be equal to 100% of the principal amount of the bonds of 2023 Series E to be redeemed plus accrued and unpaid interest thereon to the redemption date.

Notwithstanding the foregoing, installments of interest on the 2023 Series E Bonds that are due and payable on 2023 Series E Interest Payment Dates falling on or prior to the 2023 Series E Redemption Date will be payable on the 2023 Series E Interest Payment Date to the registered holders as of the close of business on the relevant record date.

Notice of redemption shall be given to the holders of the 2023 Series E Bonds to be redeemed not more than 60 nor less than 30 days prior to the 2023 Series E Redemption Date, as provided in Section 4.05 of the Indenture. Each such notice shall specify such optional 2023 Series E Redemption Date, the aggregate principal amount of the 2023 Series E Bonds to be redeemed on such date, the principal amount of each 2023 Series E Bond held by such holder to be redeemed, and the interest to be paid on the 2023 Series E Redemption Date with respect to such principal amount being prepaid. In addition, if the 2023 Series E Redemption Date is prior to the 2023 Series E Par Call Date, each such notice shall be accompanied by a certificate of a senior financial officer of the Company as to the estimated Make-Whole Amount due in connection with such redemption (with the Reinvestment Yield calculated, solely for purposes of such estimate, using the relevant U.S. Treasury yield as of the second Business Day preceding the date of such notice), setting forth the details of such computation. The Make-Whole Amount shall be determined by the Company two Business Days prior to the applicable 2023 Series E Redemption Date and the Company shall deliver to holders of the 2023 Series E Bonds and to the Trustee a certificate of a senior financial officer specifying the calculation of such Make-Whole Amount as of the 2023 Series E Redemption Date.

Subject to the limitations of Section 4.07 of the Indenture, the notice of redemption may state that it is subject to the receipt of the redemption moneys by the Trustee on or before the 2023 Series E Redemption Date, and that such notice shall be of no effect unless such moneys are so received on or before such date.

If the 2023 Series E Bonds are only partially redeemed by the Company, the Trustee shall select which 2023 Series E Bonds are to be redeemed pro rata among all of the 2023 Series E Bonds at the time outstanding in proportion, as nearly as practicable, to the respective unpaid principal amounts thereof and otherwise in accordance with the terms of the Indenture. In the event of redemption of the 2023 Series E Bonds in part only, a new 2023 Series E Bond or 2023 Series E Bonds for the unredeemed portion will be issued in the name or names of the holders thereof upon the surrender or cancellation thereof.

If money sufficient to pay the applicable 2023 Series E Redemption Price with respect to the 2023 Series E Bonds to be redeemed on the applicable 2023 Series E Redemption Date, together with accrued interest to the 2023 Series E Redemption Date, is deposited with the Trustee on or before the related 2023 Series E Redemption Date and certain other conditions are satisfied, then the 2023 Series E Bonds to be redeemed shall no longer be secured by, or entitled to any lien or benefit of, the Indenture as provided by Section 4.04 of the Indenture.

The 2023 Series E Bonds will not be entitled to any sinking fund and will not be redeemable other than as provided in this Section 2 and the form of 2023 Series E Bond provided in Section 3.

SECTION 3

The 2023 Series E Bonds shall be registered bonds without coupons. The Trustee shall be the registrar and paying agent for the 2023 Series E Bonds, which duties it hereby accepts. The 2023 Series E Bonds may be issued in minimum denominations of \$100,000 or any integral multiple of \$1,000 in excess thereof.

The forms of 2023 Series E Bonds shall be substantially as follows:

[FORM OF DTE GAS COMPANY 5.57% FIRST MORTGAGE BONDS 2023 SERIES E DUE 2030]

PPN:

No. R- \$

THE SECURITIES EVIDENCED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT (A) PURSUANT TO AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT AND (B) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THE STATES OF THE UNITED STATES. IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE COMPANY AND THE TRUSTEE SUCH CERTIFICATES AND OTHER INFORMATION AS THE TRUSTEE MAY REASONABLY

REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

DTE GAS COMPANY

5.57% MORTGAGE BONDS

2023 SERIES E DUE 2030

Principal Amount: \$

Authorized Denomination: \$100,000 or any integral multiple of \$1,000 in excess thereof.

Regular Record Date: close of business on the 15th calendar day (whether or not a Business Day) prior to the relevant Interest Payment Date

Original Issue Date: October 5, 2023

Stated Maturity: October 1, 2030

Interest Payment Dates: April 1 and October 1 of each year, beginning April 1, 2024.

Interest Rate: 5.57% per annum

DTE GAS COMPANY (hereinafter called the "Company"), a corporation of the State of Michigan, for value received, hereby promises to pay to , or registered assigns, the sum of Dollars (\$) on the Stated Maturity specified above, in the coin or currency of the United States of America, and to pay interest thereon from the Original Issue Date specified above, February 15, 2024, or from the most recent Interest Payment Date to which interest has been paid or duly provided for, semi-annually in arrears on each Interest Payment Date as specified above, commencing on April 1, 2024 and on the Stated Maturity at the Interest Rate per annum specified above until the principal hereof is paid or made available for payment, of the Notes becomes due and payable, and on any overdue principal and Make-Whole Amount (defined below) premium and to (to the extent lawful, that payment of such interest is enforceable under applicable law) on any overdue installment of interest, interest at the same rate per annum during such overdue period. Interest on the Notes will be payable semiannually in arrears on March 1 and September 1 of each year (each such date, an "Interest Payment Date"), commencing September 1, 2024. The amount of interest payable for any period shall be computed on the basis of twelve 30-day months and a 360-day year.

(b) In the event that any Interest Payment Date, redemption date or other date of Maturity of the Notes is not a Business Day, then payment of the amount payable on such date will be made on the next succeeding day which is a Business Day (and without any interest or other payment in respect of any such delay), in each case with the same force and effect as if made on such date. The interest installment so payable, and punctually paid or duly provided for, on any Interest Payment Date with respect to any Note will, as provided in the Original Indenture, be paid to the person in whose name this bond the Note (or one or more Predecessor Securities, as defined in said Indenture) is registered at the close of business on the Regular Record Date as specified above next preceding relevant record date for such interest installment, which shall be the fifteenth calendar day (whether or not a Business Day) prior to the relevant Interest Payment Date; provided that any interest payable at Stated Maturity or on a Redemption Date (defined below) will be paid to the person to whom principal is payable. Except as otherwise provided in the Indenture, any (the "Regular Record Date"). Any such interest installment not so punctually paid or duly provided for will shall forthwith cease to be payable to the holder registered Holders on such Regular Record Date, and may either be paid to the person in whose name this bond the Note (or one or more Predecessor Securities) is registered at the close of business on a special record date Special Record Date to be fixed by the Trustee for the payment of such defaulted interest, to be fixed by the Trustee, notice whereof shall be given to holders the registered Holders of bonds of this series the Notes not less than 10 ten days prior to such special record date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange, if any, on which the bonds of this series shall be listed, and upon such notice as may be required by any such exchange, all as more fully provided in the Indenture.

Payments of interest on this bond will include interest accrued to but excluding the respective Interest Payment Dates. Interest payments for this bond shall be computed and paid on the basis of a 360-day year consisting of twelve 30-day months. The Company shall pay interest on overdue principal and Make-Whole Amount, if any, and, to the extent lawful, on overdue installments of interest at the rate per annum borne by this bond. In the event that any Interest Payment Date, Redemption Special Record Date, or Stated Maturity is not a Business Day, then the required payment of principal, Make-Whole Amount, if any, and interest will be made on the next succeeding day that is a Business Day (and without any interest or other payment in respect of any such delay). "Business Day" means any day other than a day on which banking institutions in the State of New York or the State of Michigan are authorized or obligated pursuant to law or executive order to close.

Payment of principal of, Make-Whole Amount, if any, and interest on the bonds of this series shall be made in such coin or currency of the United States of America as at the time of payment is legal tender for payment of public and private debts. Payments of principal, Make-Whole Amount, if any, and interest due at the Stated Maturity or earlier redemption of such bonds shall be made at the office of the Trustee upon surrender of such bonds to the Trustee, and payments of interest shall be made, at the option of the Company, subject to such surrender where applicable, (A) by check mailed to the address of the person entitled thereto as such address shall appear in the bond register of the Trustee maintained for such purpose or (B) by wire transfer at such place and to such account at a banking institution in the United States as may be designated in writing to the Trustee at least fourteen (14) days prior to the date for payment by the person entitled thereto. Notwithstanding the foregoing, so long as any bond is held by an Institutional Investor (as defined in the Bond Purchase Agreement referenced below), payment of principal, Make-Whole Amount, if any, and interest on the bonds held by such holder shall be made in the manner specified in the Bond Purchase Agreement dated as of October 5, 2023 among the Company and the purchasers party thereto.

The bonds represented by this certificate, of the series hereinafter specified, are bonds of the Company (herein called the "bonds") known as its "First Mortgage Bonds," issued and to be issued in one or more series under, and all equally and ratably secured by, an Indenture of Mortgage and Deed of Trust dated as of March 1, 1944, duly executed by the Company to Citibank, N.A., successor trustee ("Trustee"), as restated in Part II of the Twenty-ninth Supplemental Indenture dated as of July 15, 1989, which became effective on April 1, 1994, to which indenture and all indentures supplemental thereto executed on and after July 15, 1989 reference is hereby made for a description of the property mortgaged and pledged, the nature and extent of the security, the terms and conditions upon which the bonds are, and are to be, issued and secured, and the rights of the holders of the bonds and of the Trustee in respect of such security (which indenture and all indentures supplemental thereto, including the Fifty-Fourth Supplemental Indenture dated as of October 1, 2023 referred to below, are hereinafter collectively called the "Indenture"). As

provided in the Indenture, the bonds may be issued thereunder for various principal sums and are issuable in series, which may mature at different times, may bear interest at different rates and may otherwise vary as therein provided. The bonds represented by this certificate are part of a series designated "5.57% First Mortgage Bonds 2023 Series E" (herein called the "Bonds"), created by the Fifty-Fourth Supplemental Indenture dated as of October 1, 2023 as provided for in said Indenture.

With the consent of the Company and to the extent permitted by and as provided in the Indenture, the rights and obligations of the Company, the rights and obligations of the holders of the Bonds, and the terms and provisions of the Indenture may be modified or altered by such affirmative vote or votes of the holders of the Bonds then outstanding as are specified in the Indenture.

In case an Event of Default as defined in the Indenture shall occur, the principal of the Bonds may become or be declared due and payable in the manner, with the effect, and subject to the conditions provided in the Indenture. Upon any such declaration, the Company shall also pay to the holders of the Bonds the Make-Whole Amount on the Bonds, if any, determined as of the date the Bonds shall have been declared due and payable.

No recourse shall be had for the payment of the principal of, Make-Whole Amount, if any, or the interest on, the Bonds, or for any claim based hereon or otherwise in respect of the Bonds or the Indenture, against any incorporator, stockholder, director or officer, past, present or future, of the Company, as such, or any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability, whether at common law, in equity, by any constitution, statute or otherwise, of incorporators, stockholders, directors or officers being waived and released by the owner hereof by the acceptance of the Bonds, and as part of the consideration for the issue thereof, and being likewise waived and released pursuant to the Indenture.

This Bond shall be subject to redemption at the option of the Company, in whole at any time or in part from time to time (any such date of optional redemption, a "Redemption Date"), at the applicable redemption price ("Redemption Price") set forth below.

At any time prior to August 1, 2030 (the "Par Call Date"), the Redemption Price will be equal to 100% of the principal amount of the Bonds to be redeemed on the Redemption Date together with the Make-Whole Amount (as defined below), if any, plus, in each case, accrued and unpaid interest thereon to the Redemption Date.

At any time on or after the Par Call Date, the Redemption Price will be equal to 100% of the principal amount of the Bonds to be redeemed on the Redemption Date plus accrued and unpaid interest thereon to the Redemption Date.

Notwithstanding the foregoing, installments of interest on the Bonds that are due and payable on Interest Payment Dates falling on or prior to a Redemption Date will be payable on the Interest Payment Date to the registered Holders as of the close of business on the relevant Record Date.

"Make-Whole Amount" means, with respect to any Bond, a premium in an amount equal to the excess, if any, of the Discounted Value of the Remaining Scheduled Payments with respect to the Called Principal of such Bond over the amount of such Called Principal, provided that the Make-Whole Amount may in no event be less than zero. If the Settlement Date is prior to the Par Call Date, the Make-Whole Amount with respect to any Called Principal of a Bond shall be determined as if the Stated Maturity of such Bond were the Par Call Date; provided that the Make-Whole Amount shall in no event be less than zero. For the purposes of determining the Make-Whole Amount, the following terms have the following meanings:

"Called Principal" means, with respect to a Bond, the principal of the Bond that is to be redeemed on a Redemption Date or has become or is declared to be immediately due and payable pursuant to Section 9.01 of the Indenture, as the context requires.

"Discounted Value" means, with respect to the Called Principal of a Bond, the amount obtained by discounting all Remaining Scheduled Payments with respect to such Called Principal from their respective scheduled due dates to the Settlement Date with respect to such Called Principal, in accordance with accepted financial practice and at a discount factor (applied on the same periodic basis as that on which interest on the Bond is payable) equal to the Reinvestment Yield with respect to such Called Principal.

"Reinvestment Yield" means, with respect to the Called Principal of a Bond, the sum of (a) 0.50% (50 basis points) plus (b) the yield to maturity implied by the "Ask Yield(s)" reported, as of 10:00 a.m. (New York City time) on the second Business Day preceding the Settlement Date with respect to such Called Principal, on the display designated as "Page PX-1" (or such other display as may replace Page PX-1), on Bloomberg Financial Markets for the most recently issued, actively traded on-the-run, benchmark U.S. Treasury securities ("Reported") having a maturity equal to the Remaining Average Life of such Called Principal as of such Settlement Date.

If there are no such U.S. Treasury securities Reported having a maturity equal to such Remaining Average Life, then such implied yield to maturity will be determined by (a) converting U.S. Treasury bill quotations to bond equivalent yields in accordance with accepted financial practice and (b) interpolating linearly between the "Ask Yields" Reported for the applicable most recently issued, actively traded on-the-run, U.S. Treasury securities with the maturities (1) closest to and greater than such Remaining Average Life and (2) closest to and less than the Remaining Average Life. The Reinvestment Yield shall be rounded to the number of decimal places as appears in the interest rate of the applicable Bond. If such yields are not Reported or the yields Reported as of such time are not ascertainable (including by way of interpolation), then "Reinvestment Yield" means, with respect to the Called Principal of any Bond, the sum of (x) 0.50% (50 basis points) plus (y) the yield to maturity implied by the U.S. Treasury constant maturity yields reported, for the latest day for which such yields have been so reported as of the second Business Day preceding the Settlement Date with respect to such Called Principal, in Federal Reserve Statistical Release H.15 (519) (or any comparable successor publication) for the U.S. Treasury constant maturity having a term equal to the Remaining Average Life of such Called Principal as of such Settlement Date. If there is no such U.S. Treasury constant maturity having a term equal to such Remaining Average Life, such implied yield to maturity will be determined by interpolating linearly between (1) the U.S. Treasury constant maturity so reported with the term closest to and greater than such Remaining Average Life and (2) the U.S. Treasury constant maturity so reported with the term closest to and less than such Remaining Average Life. The Reinvestment Yield shall be rounded to the number of decimal places as appears in the interest rate of the applicable Bond.

"Remaining Average Life" means, with respect to any Called Principal, the number of years obtained by dividing (i) such Called Principal into (ii) the sum of the products obtained by multiplying (a) the principal component of each Remaining Scheduled Payment with respect to such Called

Principal by (b) the number of years, computed on the basis of a 360-day year comprised of twelve 30-day months and calculated to two decimal places, that will elapse between the Settlement Date with respect to such Called Principal and the Stated Maturity (or, if redeemed prior to the Par Call Date, the Par Call Date) of such Remaining Scheduled Payment.

"Remaining Scheduled Payments" means, with respect to the Called Principal of a Bond, all payments of such Called Principal and interest thereon that would be due after the Settlement Date with respect to such Called Principal if no payment of such Called Principal were made prior to its Stated Maturity (or, if redeemed prior to the Par Call Date, the Par Call Date), provided that if such Settlement Date is not a date on which interest payments are due to be made under the terms of the Bond, then the amount of the next succeeding scheduled interest payment will be reduced by the amount of interest accrued to such Settlement Date and required to be paid on such Settlement Date.

"Settlement Date" means, with respect to the Called Principal of a Bond, the Redemption Date on which such Called Principal is to be redeemed or has become or is declared to be immediately due and payable pursuant to Section 9.01 of the Indenture as the context requires.

Notice of redemption shall be given to the holders of the Bonds to be redeemed not more than 60 nor less than 30 days prior to the Redemption Date, as provided in Section 4.05 of the Indenture. Each such notice shall specify such Redemption Date, the aggregate principal amount of the Bonds to be redeemed on such date, the principal amount of each Bond held by such holder to be redeemed, and the interest to be paid on the Redemption Date with respect to such principal amount being prepaid. In addition, if the Redemption Date is prior to the Par Call Date, each such notice shall be accompanied by a certificate of a senior financial officer of the Company as to the estimated Make-Whole Amount due in connection with such redemption (with the Reinvestment Yield calculated, solely for purposes of such estimate, using the relevant U.S. Treasury yield as of the second Business Day preceding the date of such notice), setting forth the details of such computation. The Make-Whole Amount shall be determined by the Company two Business Days

prior to the applicable Redemption Date and the Company shall deliver to holders of the Bonds and to the Trustee a certificate of a senior financial officer specifying the calculation of such Make-Whole Amount as of the Redemption Date.

Subject to the limitations of Section 4.07 of the Indenture, the notice of redemption may state that it is subject to the receipt of the redemption moneys by the Trustee on or before the Redemption Date, and that such notice shall be of no effect unless such moneys are so received on or before such date; a notice of redemption so conditioned shall be of no force or effect if such money is not so received and, in such event, the Company shall not be required to redeem this Bond.

If the Bonds are only partially redeemed by the Company, the Trustee shall select which Bonds are to be redeemed pro rata among all of the Bonds at the time outstanding in proportion, as nearly as practicable, to the respective unpaid principal amounts thereof and otherwise in accordance with the terms of the Indenture. In the event of redemption of the Bonds in part only, a new Bond or Bonds for the unredeemed portion will be issued in the name or names of the holders thereof upon the surrender or cancellation thereof.

If money sufficient to pay the applicable Redemption Price with respect to the Bonds to be redeemed on the applicable Redemption Date, together with accrued interest to the Redemption Date, is deposited with the Trustee on or before the related Redemption Date and certain other conditions are satisfied, then the Bonds to be redeemed shall no longer be secured by, or entitled to any lien or benefit of, the Indenture as provided by Section 4.04 of the Indenture.

The Indenture contains terms, provisions and conditions relating to the consolidation or merger of the Company with or into, and the conveyance, or other transfer or lease, subject to the lien of the Indenture, of the trust estate to, another corporation, to the assumption by such other corporation, in certain circumstances, of the obligations of the Company under the Indenture and on the Bonds and to the succession of such other corporation in certain circumstances, to the powers and rights of the Company under the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of the Bonds or certain covenants with respect thereto upon compliance by the Company with certain conditions set forth therein.

This Bond shall not be valid or become obligatory for any purpose unless and until the certificate of authentication hereon shall have been manually executed by the Trustee or its successor in trust under the Indenture.

IN WITNESS WHEREOF, DTE GAS COMPANY has caused this certificate to be executed under its name with the signature of its duly authorized Officer, under its corporate seal, which may be a facsimile, attested with the signature of its Corporate Secretary.

Dated:

DTE GAS COMPANY

By: _____

Attest:

By: _____

CERTIFICATE OF AUTHENTICATION

The bonds represented by this certificate constitute Bonds of the series designated and described in the within-mentioned Indenture.

CITIBANK, N.A., as Trustee

By: _____

Authorized Officer

Dated:

[End of 2023 Series E Bond Form]

SECTION 4

Each certificate evidencing the 2023 Series E Bonds (and all 2023 Series E Bonds issued in exchange therefor or in substitution thereof) shall bear a legend in substantially the following form (each defined term in the legend being defined as such for purposes of the legend only):

THE SECURITIES EVIDENCED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT (A) PURSUANT TO AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT AND (B) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THE STATES OF THE UNITED STATES. IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE COMPANY AND THE TRUSTEE SUCH CERTIFICATES AND OTHER INFORMATION AS THE TRUSTEE MAY REASONABLY REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

The 2023 Series E Bonds shall be exchangeable upon surrender thereof at the corporate trust office of the Trustee in the Borough of Manhattan, the City of New York, New York, for registered bonds of the same aggregate principal amount and other terms, but of different authorized denominations or denominations, such exchanges to be made without service charge (except for any stamp tax or other governmental charge).

When 2023 Series E Bonds are presented to the Trustee with a request (i) to register the transfer of such 2023 Series E Bonds; or (ii) to exchange such 2023 Series E Bonds for 2023 Series E Bonds of the same series of any authorized denominations of the same aggregate principal amount and Stated Maturity, the Trustee shall register the transfer or make the exchange as requested if its reasonable requirements for such transaction are met; provided, however, that the 2023 Series E Bonds surrendered for transfer or exchange: (A) shall be duly endorsed or be accompanied by a written instrument of transfer in form reasonably satisfactory to the Company and the Trustee, duly executed by the holder thereof or his attorney duly authorized in writing; and (B) are accompanied by the following additional information and documents, as applicable: (x) if such 2023 Series E Bonds are being delivered to the Company by a holder for registration in the name of such holder, without transfer, a certification from such holder to that effect; or (y) if such 2023 Series E Bonds are being transferred to the Company, a certification to that effect; or (z) if such 2023 Series E Bonds are being transferred pursuant to an exemption from registration in accordance with Rule 144 under the Securities Act or in reliance upon another exemption from the registration requirements of the Securities Act, (i) a certification to that effect and (ii) if the Company so requests, other evidence reasonably satisfactory to it as to the compliance with the restrictions set forth in the legend set forth above.

Every 2023 Series E Bond so surrendered shall be accompanied by a proper transfer power duly executed by the registered owner or by a duly authorized attorney transferring such 2023 Series E Bond to the Company, and the signature to such transfer power shall be guaranteed to the satisfaction of the Trustee. All 2023 Series E Bonds so surrendered shall be forthwith canceled and delivered to or upon the order of the Company. All

2023 Series E Bonds executed, authenticated and delivered in exchange for 2023 Series E Bonds so surrendered shall be valid obligations of the Company, evidencing the same debt as the 2023 Series E Bonds surrendered, and shall be secured by the same lien and be entitled to the same benefits and protection as the 2023 Series E Bonds in exchange for which they are executed, authenticated and delivered.

The Company shall not be required to make any such exchange or any registration of transfer after the 2023 Series E Bond so presented for exchange or registration of transfer, or any portion thereof, has been called for redemption and notice thereof given to the registered owner.

SECTION 5

Pending the preparation of definitive 2023 Series E Bonds, the Company may from time to time execute, and upon its written order, the Trustee shall authenticate and deliver, in lieu of such definitive 2023 Series E Bonds and subject to the same provisions, limitations and conditions, one or more temporary 2023 Series E Bonds, in registered form, of any denomination specified in the written order of the Company for the authentication and delivery thereof, and with such omissions, insertions and variations as may be determined by the Board of Directors of the Company. Such temporary 2023 Series E Bonds shall be substantially of the tenor of the 2023 Series E Bonds to be issued as herein before recited.

If any such temporary 2023 Series E Bonds shall at any time be so authenticated and delivered in lieu of definitive 2023 Series E Bonds, the Company shall upon request at its own expense prepare, execute and deliver to the Trustee and thereupon, upon the presentation and surrender of temporary 2023 Series E Bonds, the Trustee shall authenticate and deliver in exchange therefor, without charge to the holder, definitive Bonds of the same series and other terms, if any, and for the same principal sum in the aggregate as the temporary 2023 Series E Bonds surrendered. All temporary 2023 Series E Bonds so surrendered shall be forthwith canceled by the Trustee and delivered to or upon the order of the Company. Until exchanged for definitive 2023 Series E Bonds the temporary 2023 Series E Bonds shall in all respects be entitled to the lien and security of the Indenture and all supplemental indentures.

ARTICLE II ESTABLISHMENT OF AN ISSUE OF FIRST MORTGAGE BONDS, OF THE SERIES DESIGNATED AND DISTINGUISHED AS "2023 SERIES F BONDS"

SECTION 1

There is hereby established a series of bonds to be issued under and secured by the Indenture, to be known as "First Mortgage Bonds," designated and distinguished as "2023 Series F Bonds" of the Company. The 2023 Series F Bonds shall be limited in aggregate principal amount to \$145,000,000 except as provided in Article II of the Indenture and in this Supplemental Indenture with respect to transfers, exchanges and replacements of the 2023 Series F Bonds. The 2023 Series F Bonds shall be registered bonds without coupons and shall be dated as of the date of the authentication thereof by the Trustee.

The 2023 Series F Bonds shall mature on the 1st day of October, 2035 (subject to earlier redemption, as provided herein), shall bear interest at the rate of 5.73% per annum, payable semi-annually on the 1st day of April and October of each year and at maturity (each a "2023 Series F Interest Payment Date"), beginning on April 1, 2024. The principal, Make-Whole Amount (as defined below), if any, and interest on the 2023 Series F Bonds shall be payable in lawful money of the United States of America; the place where such principal and Make-Whole Amount, if any, shall be payable shall be the corporate trust office of the Trustee in the Borough of Manhattan, the City of New York, New York, and the place where such interest shall be payable shall be the office or agency of the Company in said Borough of Manhattan, the City of New York, New York. The

2023 Series F Bonds shall have such other terms as set forth in the form of 2023 Series F Bond provided in Section 3.

SECTION 2

The 2023 Series F Bonds shall be subject to redemption at the option of the Company, in whole at any time or in part from time to time (any such date of redemption, a "2023 Series F Redemption Date"), at the applicable redemption price ("2023 Series F Redemption Price") set forth below.

At any time prior to July 1, 2035 (the "2023 Series F Par Call Date"), the 2023 Series F Redemption Price will be equal to 100% of the principal amount of the 2023 Series F Bonds to be redeemed on the 2023 Series F Redemption Date together with the Make-Whole Amount (as defined in the form of 2023 Series F Bond provided in Section 3), if any, plus, in each case, accrued and unpaid interest thereon to the 2023 Series F Redemption Date.

At any time on or after the 2023 Series F Par Call Date, the 2023 Series F Redemption Price will be equal to 100% of the principal amount of the bonds of 2023 Series F to be redeemed plus accrued and unpaid interest thereon to the redemption date.

Notwithstanding the foregoing, installments of interest on the 2023 Series F Bonds that are due and payable on 2023 Series F Interest Payment Dates falling on or prior to the 2023 Series F Redemption Date will be payable on the 2023 Series F Interest Payment Date to the registered holders as of the close of business on the relevant record date.

Notice of redemption shall be given to the holders of the 2023 Series F Bonds to be redeemed not more than 60 nor less than 30 days prior to the 2023 Series F Redemption Date, as provided in Section 4.05 of the Indenture. Each such notice shall specify such optional 2023 Series F Redemption Date, the aggregate principal amount of the 2023 Series F Bonds to be redeemed on such date, the principal amount of each 2023 Series F Bond held by such holder to be redeemed, and the interest to be paid on the 2023 Series F Redemption Date with respect to such principal amount being prepaid. In addition, if the 2023 Series F Redemption Date is prior to the 2023 Series F Par Call Date, each such notice shall be accompanied by a certificate of a senior financial officer of the Company as to the estimated Make-Whole Amount due in connection with such redemption (with the Reinvestment Yield calculated, solely for purposes of such estimate, using the relevant U.S. Treasury yield as of the second Business Day preceding the date of such notice), setting forth the details of such computation. The Make-Whole Amount shall be determined by the Company two Business Days prior to the applicable 2023 Series F Redemption Date and the Company shall deliver to holders of the 2023 Series F Bonds and to the Trustee a certificate of a senior financial officer specifying the calculation of such Make-Whole Amount as of the 2023 Series F Redemption Date.

Subject to the limitations of Section 4.07 of the Indenture, the notice of redemption may state that it is subject to the receipt of the redemption moneys by the Trustee on or before the 2023 Series F Redemption Date, and that such notice shall be of no effect unless such moneys are so received on or before such date.

If the 2023 Series F Bonds are only partially redeemed by the Company, the Trustee shall select which 2023 Series F Bonds are to be redeemed pro rata among all of the 2023 Series F Bonds at the time outstanding in proportion, as nearly as practicable, to the respective unpaid principal amounts thereof and otherwise in accordance with the terms of the Indenture. In the event of redemption of the 2023 Series F Bonds in part only, a new 2023 Series F Bond or 2023 Series F Bonds for the unredeemed portion will be issued in the name or names of the holders thereof upon the surrender or cancellation thereof.

If money sufficient to pay the applicable 2023 Series F Redemption Price with respect to the 2023 Series F Bonds to be redeemed on the applicable 2023 Series F Redemption Date, together with accrued interest to the 2023 Series F Redemption Date, is deposited with the Trustee on or before the related 2023 Series F Redemption Date and certain other conditions are satisfied, then the 2023 Series F Bonds to be redeemed shall no longer be secured by, or entitled to any lien or benefit of, the Indenture as provided by Section 4.04 of the Indenture.

The 2023 Series F Bonds will not be entitled to any sinking fund and will not be redeemable other than as provided in this Section 2 and the form of 2023 Series F Bond provided in Section 3.

SECTION 3

The 2023 Series F Bonds shall be registered bonds without coupons. The Trustee shall be the registrar and paying agent for the 2023 Series F Bonds, which duties it hereby accepts. The 2023 Series F Bonds may be issued in minimum denominations of \$100,000 or any integral multiple of \$1,000 in excess thereof.

The forms of 2023 Series F Bonds shall be substantially as follows:

[FORM OF DTE GAS COMPANY 5.73% FIRST MORTGAGE BONDS 2023 SERIES F DUE 2035]

PPN:

No. R- _____ \$ _____

THE SECURITIES EVIDENCED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT (A) PURSUANT TO AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT AND (B) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THE

STATES OF THE UNITED STATES. IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE COMPANY AND THE TRUSTEE SUCH CERTIFICATES AND OTHER INFORMATION AS THE TRUSTEE MAY REASONABLY REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

DTE GAS COMPANY

5.73% MORTGAGE BONDS

2023 SERIES F DUE 2035

Principal Amount: \$ _____

Authorized Denomination: \$100,000 or any integral multiple of \$1,000 in excess thereof.

Regular Record Date: close of business on the 15th calendar day (whether or not a Business Day) prior to the relevant Interest Payment Date

Original Issue Date: October 5, 2023

Stated Maturity: October 1, 2035

Interest Payment Dates: April 1 and October 1 of each year, beginning April 1, 2024.

Interest Rate: 5.73% per annum

DTE GAS COMPANY (hereinafter called the "Company"), a corporation of the State of Michigan, for value received, hereby promises to pay to _____, or registered assigns, the sum of _____ Dollars (\$ _____) on the Stated Maturity specified above, in the coin or currency of the United States of America, and to pay interest thereon from the Original Issue Date specified above, or from the most recent Interest Payment Date to which interest has been paid or duly provided for, semi-annually in arrears on each Interest Payment Date as specified above, commencing on April 1, 2024 and on the Stated Maturity at the Interest Rate per annum specified above until the principal hereof is paid or made available for payment, and on any overdue principal and Make-Whole Amount (defined below) and, to the extent lawful, on any overdue installment of interest. The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in the Indenture, be paid to the person in whose name this bond is registered at the close of business on the Regular Record Date as specified above next preceding such Interest Payment Date; provided that any interest payable at Stated Maturity or on a Redemption Date (defined below) will be paid to the person to whom principal is payable. Except as otherwise provided in the Indenture, any such interest not so punctually paid or duly provided for will forthwith cease to be payable to the holder on such Regular Record Date and may either be paid to the person in whose name this bond is registered at the close of business on a special record date for the payment of such defaulted interest to be fixed by the Trustee, notice whereof shall be given to holders of bonds of this series not less than 10 days prior to such special record date, or be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange if any, on which the bonds of this series shall Notes may be listed, and upon such notice as may be required by any such exchange, all as more fully provided in the Original Indenture.

Payments The principal of, interest on this bond will include interest accrued to but excluding the respective Interest Payment Dates. Interest payments for this bond shall be computed and paid on the basis of a 360-day year consisting of twelve 30-day months. The Company shall pay interest on overdue principal and Make-Whole Amount, premium, if any, and to the extent lawful, interest on overdue installments of interest the Notes shall be payable at the rate per annum borne by this bond. In office or agency of the event Company maintained for that any Interest Payment Date, Redemption Date or Stated Maturity is not a Business Day, then the required payment of principal, Make-Whole Amount, if any, and interest will be made on the next succeeding day that is a Business Day (and without any interest or other payment in respect of any such delay). "Business Day" means any day other than a day on which banking institutions purpose in the State, Borough of Manhattan, City of New York, or the State of Michigan are authorized or obligated pursuant to law or executive order to close.

Payment of principal of, Make-Whole Amount, if any and interest on the bonds of this series shall be made in such coin or currency of the United States of America as which at the time of payment is legal tender for payment of public and private debts. Payments of principal, Make-Whole Amount, if any, and interest due at the Stated Maturity or earlier redemption of such bonds shall be made at the office of the Trustee upon surrender of such bonds to the Trustee, and payments debts; provided, however, that payment of interest shall may be made at the option of the Company subject to such surrender where applicable, (A) by check mailed to the address of the person entitled thereto as such address shall appear in the bond register of the Trustee maintained for such purpose or (B) by wire transfer registered Holder at such place and to such account at a banking institution in the United States as may be designated in writing to the Trustee at least fourteen (14) days prior to the date for payment by the person entitled thereto. Notwithstanding the foregoing, so long as any bond is held by an Institutional Investor (as defined in the Bond Purchase Agreement referenced below), payment of principal, Make-Whole Amount, if any, and interest on the bonds held by such holder shall be made in the manner specified in the Bond Purchase Agreement dated as of October 5, 2023 among the Company and the purchasers party thereto.

The bonds represented by this certificate, of the series hereinafter specified, are bonds of the Company (herein called the "bonds") known as its "First Mortgage Bonds," issued and to be issued in one or more series under, and all equally and ratably secured by, an Indenture of Mortgage and Deed of Trust dated as of March 1, 1944, duly executed by the Company to Citibank, N.A., successor trustee ("Trustee"), as restated in Part II of the Twenty-ninth Supplemental Indenture dated as of July 15, 1989, which became effective on April 1, 1994, to which indenture and all indentures supplemental thereto executed on and after July 15, 1989 reference is hereby made for a description of the property mortgaged and pledged, the nature and extent of the security, the terms and conditions upon which the bonds are, and are to be, issued and secured, and the rights of the holders

of the bonds and of the Trustee in respect of such security (which indenture and all indentures supplemental thereto, including the Fifty-Fourth Supplemental Indenture dated as of October 1, 2023 referred to below, are hereinafter collectively called the "Indenture"). As provided in the Indenture, the bonds may be issued thereunder for various principal sums and are issuable in series, which may mature at different times, may bear interest at different rates and may otherwise vary as therein provided. The bonds represented by this certificate are part of a series designated "5.73% First Mortgage Bonds 2023 Series F" (herein called the "Bonds"), created by the Fifty-Fourth Supplemental Indenture dated as of October 1, 2023 as provided for in said Indenture.

With the consent of the Company and to the extent permitted by and as provided in the Indenture, the rights and obligations of the Company, the rights and obligations of the holders of the Bonds, and the terms and provisions of the Indenture may be modified or altered by such affirmative vote or votes of the holders of the Bonds then outstanding as are specified in the Indenture.

In case an Event of Default as defined in the Indenture shall occur, the principal of the Bonds may become or be declared due and payable in the manner, with the effect, and subject to the conditions provided in the Indenture. Upon any such declaration, the Company shall also pay to the holders of the Bonds the Make-Whole Amount on the Bonds, if any, determined as of the date the Bonds shall have been declared due and payable.

No recourse shall be had for the payment of the principal of, Make-Whole Amount, if any, or the interest on, the Bonds, or for any claim based hereon or otherwise in respect of the Bonds or the Indenture, against any incorporator, stockholder, director or officer, past, present or future, of the Company, as such, or any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise, all such liability, whether at common law, in equity, by any constitution, statute or otherwise, of incorporators, stockholders, directors or officers being waived and released by the owner hereof by the acceptance of the Bonds, and as part of the consideration for the issue thereof, and being likewise waived and released pursuant to the Indenture.

This Bond shall be subject to redemption at the option of the Company, in whole at any time or in part from time to time (any such date of optional redemption, a "Redemption Date"), at the applicable redemption price ("Redemption Price") set forth below.

At any time prior to July 1, 2035 (the "Par Call Date"), the Redemption Price will be equal to 100% of the principal amount of the Bonds to be redeemed on the Redemption Date together with the Make-Whole Amount (as defined below), if any, plus, in each case, accrued and unpaid interest thereon to the Redemption Date.

At any time on or after the Par Call Date, the Redemption Price will be equal to 100% of the principal amount of the Bonds to be redeemed on the Redemption Date plus accrued and unpaid interest thereon to the Redemption Date.

Notwithstanding the foregoing, installments of interest on the Bonds that are due and payable on Interest Payment Dates falling on or prior to a Redemption Date will be payable on the Interest Payment Date to the registered Holders as of the close of business on the relevant Regular Record Date. Date at such address as shall appear in the Security Register.

"Make-Whole Amount" means, with respect

(c) The Notes are not subject to repayment at the option of the Holders thereof and are not subject to any Bond, sinking fund. As provided in the form of Note attached hereto as Exhibit A, the Notes are subject to optional redemption, as a premium whole or in an amount equal to part, by the excess, if any, of the Discounted Value of the Remaining Scheduled Payments with respect to the Called Principal of such Bond over the amount of such Called Principal, provided that the Make-Whole Amount may in no event be less than zero. If the Settlement Date is Company prior to the Par Call Date, the Make-Whole Amount with respect to any Called Principal of a Bond shall be determined as if the Stated Maturity of such Bond were the Par Call Date; provided that the Make-Whole Amount shall in no event be less than zero. For the purposes of determining the Make-Whole Amount, the following terms have the following meanings:

"Called Principal" means, with respect to a Bond, the principal thereof on the terms set forth therein. Except as modified in the form of the Bond that is to Note, redemption shall be redeemed on a Redemption Date or has become or is declared to be immediately due and payable pursuant to Section 9.01 of the Indenture, as the context requires.

"Discounted Value" means, with respect to the Called Principal of a Bond, the amount obtained by discounting all Remaining Scheduled Payments with respect to such Called Principal from their respective scheduled due dates to the Settlement Date with respect to such Called Principal, effected in accordance with accepted financial practice and at a discount factor (applied on the same periodic basis as that on which interest on the Bond is payable) equal to the Reinvestment Yield with respect to such Called Principal.

"Reinvestment Yield" means, with respect to the Called Principal of a Bond, the sum of (a) 0.50% (50 basis points) plus (b) the yield to maturity implied by the "Ask Yield(s)" reported, as of 10:00 a.m. (New York City time) on the second Business Day preceding the Settlement Date with respect to such Called Principal, on the display designated as "Page PX-1" (or such other display as may replace Page PX-1), on Bloomberg Financial

Markets for the most recently issued, actively traded on-the-run, benchmark U.S. Treasury securities ("Reported") having a maturity equal to the Remaining Average Life of such Called Principal as of such Settlement Date.

If there are no such U.S. Treasury securities Reported having a maturity equal to such Remaining Average Life, then such implied yield to maturity will be determined by (a) converting U.S. Treasury bill quotations to bond equivalent yields in accordance with accepted financial practice and (b) interpolating linearly between the "Ask Yields" Reported for the applicable most recently issued, actively traded on-the-run, U.S. Treasury securities with the maturities (1) closest to and greater than such Remaining Average Life and (2) closest to and less than the Remaining Average Life. The Reinvestment Yield shall be rounded to the number of decimal places as appears in the interest rate Article Eleven of the applicable Bond. If such yields are not Reported or the yields Reported as of such time are not ascertainable (including by way of interpolation), then "Reinvestment Yield" means, with respect to the Called Principal of any Bond, the sum of (x) 0.50% (50 basis points) plus (y) the yield to maturity implied by the U.S. Treasury constant maturity yields reported, for the latest day for which such yields have been so reported as of the second Business Day preceding the Settlement Date with respect to such Called Principal, in Federal Reserve Statistical Release H.15 (519) (or any comparable successor publication) for the U.S. Treasury constant maturity having a term equal to the Remaining Average Life of such Called Principal as of such Settlement Date. If there is no such U.S. Treasury constant maturity having a term equal to such Remaining Average Life, such implied yield to maturity will be determined by interpolating linearly between (1) the U.S. Treasury constant maturity so reported with the term closest to and greater than such Remaining Average Life and (2) the U.S. Treasury constant maturity so reported with the term closest to and less than such Remaining Average Life. The Reinvestment Yield shall be rounded to the number of decimal places as appears in the interest rate of the applicable Bond.

"Remaining Average Life" means, with respect to any Called Principal, the number of years obtained by dividing (i) such Called Principal into (ii) the sum of the products obtained by multiplying (a) the principal component of each Remaining Scheduled Payment with respect to such Called Principal by (b) the number of years, computed on the basis of a 360-day year comprised of twelve 30-day months and calculated to two decimal places, that will elapse between the Settlement Date with respect to such Called Principal and the Stated Maturity (or, if redeemed prior to the Par Call Date, the Par Call Date) of such Remaining Scheduled Payment.

"Remaining Scheduled Payments" means, with respect to the Called Principal of a Bond, all payments of such Called Principal and interest thereon that would be due after the Settlement Date with respect to such Called Principal if no payment of such Called Principal were made prior to its Stated Maturity (or, if redeemed prior to the Par Call Date, the Par Call Date), provided that if such Settlement Date is not a date on which interest payments are due to be made under the terms of the Bond, then the amount of the next succeeding scheduled interest payment will be reduced by the amount of interest accrued to such Settlement Date and required to be paid on such Settlement Date.

"Settlement Date" means, with respect to the Called Principal of a Bond, the Redemption Date on which such Called Principal is to be redeemed or has become or is declared to be immediately due and payable pursuant to Section 9.01 of the Indenture as the context requires.

Notice of redemption shall be given to the holders of the Bonds to be redeemed not more than 60 nor less than 30 days prior to the Redemption Date, as provided in Section 4.05 of the Indenture. Each such notice shall specify such Redemption Date, the aggregate principal amount of the Bonds to be redeemed on such date, the principal amount of each Bond held by such holder to be redeemed, and the interest to be paid on the Redemption Date with respect to such principal amount being prepaid. In addition, if the Redemption Date is prior to the Par Call Date, each such notice shall be accompanied by a certificate of a senior financial officer of the Company as to the estimated Make-Whole Amount due in connection with such redemption (with the Reinvestment Yield calculated, solely for purposes of such estimate, using the relevant U.S. Treasury yield as of the second Business Day preceding the date of such notice), setting forth the details of such computation. The Make-Whole Amount shall be determined by the Company two Business Days prior to the applicable Redemption Date and the Company shall deliver to holders of the Bonds and to the Trustee a certificate of a senior financial officer specifying the calculation of such Make-Whole Amount as of the Redemption Date.

Subject to the limitations of Section 4.07 of the Indenture, the notice of redemption may state that it is subject to the receipt of the redemption moneys by the Trustee on or before the Redemption Date, and that such notice shall be of no effect unless such moneys are so received on or before such date; a notice of redemption so conditioned shall be of no force or effect if such money is not so received and, in such event, the Company shall not be required to redeem this Bond.

If the Bonds are only partially redeemed by the Company, the Trustee shall select which Bonds are to be redeemed pro rata among all of the Bonds at the time outstanding in proportion, as nearly as practicable, to the respective unpaid principal amounts thereof and otherwise in accordance with the terms of the Indenture. In the event of redemption of the Bonds in part only, a new Bond or Bonds for the unredeemed portion will be issued in the name or names of the holders thereof upon the surrender or cancellation thereof.

If money sufficient to pay the applicable Redemption Price with respect to the Bonds to be redeemed on the applicable Redemption Date, together with accrued interest to the Redemption Date, is deposited with the Trustee on or before the related Redemption Date and certain other conditions are satisfied, then the Bonds to be redeemed shall no longer be secured by, or entitled to any lien or benefit of, the Indenture as provided by Section 4.04 of the Indenture.

The Indenture contains terms, provisions and conditions relating to the consolidation or merger of the Company with or into, and the conveyance, or other transfer or lease, subject to the lien of the Indenture, of the trust estate to, another corporation, to the assumption by such other corporation, in certain circumstances, of the obligations of the Company under the Indenture and on the Bonds and to the succession of such other corporation in certain circumstances, to the powers and rights of the Company under the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of the Bonds or certain covenants with respect thereto upon compliance by the Company with certain conditions set forth therein.

This Bond shall not be valid or become obligatory for any purpose unless and until the certificate of authentication hereon shall have been manually executed by the Trustee or its successor in trust under the Original Indenture.

IN WITNESS WHEREOF, DTE GAS COMPANY has caused (d) The Notes shall have such other terms and provisions as are set forth in the form of Note attached hereto as Exhibit A (which is incorporated by reference in and made a part of this certificate to be executed under its name with Supplemental Indenture as if set forth in full at this place).

SECTION 206. Form of Notes. Attached hereto as Exhibit A is the signature form of its duly authorized Officer, under its corporate seal, which may be a facsimile, attested with the signature of its Corporate Secretary. Notes.

Dated:

ARTICLE THREE

DTE GAS COMPANY

By: _____

Attest:

By: _____

MISCELLANEOUS PROVISIONS

CERTIFICATE OF AUTHENTICATION

The bonds represented by this certificate constitute Bonds of the series designated and described in the within-mentioned Indenture.

CITIBANK, N.A., as Trustee

By: _____

Authorized Officer

Dated:

[End of 2023 Series F Bond Form]

SECTION 4

Each certificate evidencing the 2023 Series F Bonds (and all 2023 Series F Bonds issued in exchange therefor or in substitution thereof) shall bear a legend in substantially the following form (each defined term in the legend being defined as such for purposes of the legend only):

THE SECURITIES EVIDENCED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND MAY NOT BE OFFERED, SOLD, PLEDGED OR OTHERWISE TRANSFERRED EXCEPT (A) PURSUANT TO AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT AND (B) IN ACCORDANCE WITH ALL APPLICABLE SECURITIES LAWS OF THE

STATES OF THE UNITED STATES. IN CONNECTION WITH ANY TRANSFER, THE HOLDER WILL DELIVER TO THE COMPANY AND THE TRUSTEE SUCH CERTIFICATES AND OTHER INFORMATION AS THE TRUSTEE MAY REASONABLY REQUIRE TO CONFIRM THAT THE TRANSFER COMPLIES WITH THE FOREGOING RESTRICTIONS.

The 2023 Series F Bonds shall be exchangeable upon surrender thereof at the corporate trust office of the Trustee in the Borough of Manhattan, the City of New York, New York, for registered bonds of the same aggregate principal amount and other terms, but of different authorized denomination or denominations, such exchanges to be made without service charge (except for any stamp tax or other governmental charge).

When 2023 Series F Bonds are presented to the Trustee with a request (i) to register the transfer of such 2023 Series F Bonds; or (ii) to exchange such 2023 Series F Bonds for 2023 Series F Bonds of the same series of any authorized denominations of the same aggregate principal amount and Stated Maturity, the Trustee shall register the transfer or make the exchange as requested if its reasonable requirements for such transaction are met; provided, however, that the 2023 Series F Bonds surrendered for transfer or exchange: (A) shall be duly endorsed or be accompanied by a written instrument of transfer in form reasonably satisfactory to the Company and the Trustee, duly executed by the holder thereof or his attorney duly authorized in writing; and (B) are accompanied by the following additional information and documents, as applicable: (x) if such 2023 Series F Bonds are being delivered to the Company by a holder for registration in the name of such holder, without transfer, a certification from such holder to that effect; or (y) if such 2023 Series F Bonds are being transferred to the Company, a certification to that effect; or (z) if such 2023 Series F Bonds are being transferred pursuant to an exemption from registration in accordance with Rule 144 under the Securities Act or in reliance upon another exemption from the registration requirements of the Securities Act, (i) a certification to that effect and (ii) if the Company so requests, other evidence reasonably satisfactory to it as to the compliance with the restrictions set forth in the legend set forth above.

Every 2023 Series F Bond so surrendered shall be accompanied by a proper transfer power duly executed by the registered owner or by a duly authorized attorney transferring such 2023 Series F Bond to the Company, and the signature to such transfer power shall be guaranteed to the satisfaction of the Trustee. All 2023 Series F Bonds so surrendered shall be forthwith canceled and delivered to or upon the order of the Company. All 2023 Series F Bonds executed, authenticated and delivered in exchange for 2023 Series F Bonds so surrendered shall be valid obligations of the Company, evidencing the same debt as the 2023 Series F Bonds surrendered, and shall be secured by the same lien and be entitled to the same benefits and protection as the 2023 Series F Bonds in exchange for which they are executed, authenticated and delivered.

The Company shall not be required to make any such exchange or any registration of transfer after the 2023 Series F Bond so presented for exchange or registration of transfer, or any portion thereof, has been called for redemption and notice thereof given to the registered owner.

SECTION 5

Pending the preparation of definitive 2023 Series F Bonds, the Company may from time to time execute, and upon its written order, the Trustee shall authenticate and deliver, in lieu of such definitive 2023 Series F Bonds and subject to the same provisions, limitations and conditions, one or more temporary 2023 Series F Bonds, in registered form, of any denomination specified in the written order of the Company for the authentication and delivery thereof, and with such omissions, insertions and variations as may be determined by the Board of Directors of the Company. Such temporary 2023 Series F Bonds shall be substantially of the tenor of the 2023 Series F Bonds to be issued as herein before recited.

If any such temporary 2023 Series F Bonds shall at any time be so authenticated and delivered in lieu of definitive 2023 Series F Bonds, the Company shall upon request at its own expense prepare, execute and deliver to the Trustee and thereupon, upon the presentation and surrender of temporary 2023 Series F Bonds, the Trustee shall authenticate and deliver in exchange therefor, without charge to the holder, definitive Bonds of the same series and other terms, if any, and for the same principal sum in the aggregate as the temporary 2023 Series F Bonds surrendered. All temporary 2023 Series F Bonds so surrendered shall be forthwith canceled by the Trustee and delivered to or upon the order of the Company. Until exchanged for definitive 2023 Series F Bonds the temporary 2023 Series F Bonds shall in all respects be entitled to the lien and security of the Indenture and all supplemental indentures.

ARTICLE III ISSUE OF BONDS

The 2023 Series E Bonds in the aggregate principal amount of \$150,000,000 and 2023 Series F Bonds in the aggregate principal amount of \$145,000,000 may be executed, authenticated and delivered from time to time as permitted by the provisions of the Indenture, including with respect to exchange and replacement of bonds.

ARTICLE IV THE TRUSTEE

The Trustee makes no undertaking or representations in respect of, and shall not be responsible in any manner whatsoever for or and in respect of, the validity or sufficiency of this Supplemental Indenture or the proper authorization or the due execution hereof by the Company or for or in respect of the recitals and statements contained herein, all of which recitals and statements are made solely by the Company.

Except as herein otherwise provided, no duties, responsibilities or liabilities are assumed, or shall be construed to be assumed, by the Trustee by reason of this Supplemental Indenture other than as set forth in the Indenture and this Supplemental Indenture as executed and accepted on behalf of the Trustee, subject to all the terms and conditions set forth in the Indenture, as fully to all intents as if the same were herein set forth at length.

ARTICLE V

RECORDING AND FILING OF SUPPLEMENTAL INDENTURE

DATED AS OF SEPTEMBER 1, 2022

Pursuant to the terms and provisions of expressly amended hereby, the Original Indenture a Supplemental Indenture dated as of September 1, 2022 providing for shall continue in full force and effect in accordance with the terms of First Mortgage Bonds to be issued thereunder designated as 2022 Series C Mortgage Bonds and 2022 Series D Mortgage Bonds has heretofore been entered into between the Company provisions thereof and the Trustee and has been filed in the Office of the Secretary of State of Michigan as a financing statement on October 6, 2022 (Filing No. 20221006001028-0) and has been recorded as a real estate mortgage in the offices of the respective Register of Deeds of certain counties in the State of Michigan, as follows:

<u>COUNTY</u>	<u>DATE Recorded</u>	<u>Liber/ Instrument no.</u>	<u>Page</u>
Alcona County Register of Deeds	10/06/2022	202200003491	
Alger County Register of Deeds	10/05/2022	202202102	--
Alpena County Register of Deeds	10/06/2022	549	913
Antrim County Register of Deeds	10/06/2022	202200007976	--
Arenac County Register of Deeds	10/05/2022	202203432	--
Barry County Register of Deeds	10/11/2022	2022-010473	--
Benzie County Register of Deeds	10/06/2022	2022R-04172	--
Charlevoix County Register of Deeds	10/06/2022	1361	188
Cheboygan County Register of Deeds	10/06/2022	1494	862
Chippewa County Register of Deeds	10/06/2022	1377	436
Clare County Register of Deeds	10/06/2022	1536	727
Clinton County Register of Deeds	10/06/2022	5329725	--
Crawford County Register of Deeds	10/06/2022	785	651
Delta County Register of Deeds	10/06/2022	1352	77
Dickinson County Register of Deeds	10/06/2022	983	20
Emmet County Register of Deeds	10/06/2022	1247	661
Gladwin County Register of Deeds	10/06/2022	1253	809

<u>COUNTY</u>	<u>DATE Recorded</u>	<u>Liber/ Instrument no.</u>	<u>Page</u>
Grand Traverse County Register of Deeds	10/06/2022	2022R-16138	--
Gratiot County Register of Deeds	10/06/2022	01110	00700-00734
Ionia County Register of Deeds	10/06/2022	0672	7701
Iosco County Register of Deeds	10/06/2022	2022006020	--
Iron County Register of Deeds	10/06/2022	816	426
Isabella County Register of Deeds	10/06/2022	1897	4568
Jackson County Register of Deeds	10/06/2022	2219	0853
Kalkaska County Register of Deeds	10/06/2022	3165097	--
Kent County Register of Deeds	10/06/2022	202210060077791	--
Lake County Register of Deeds	10/06/2022	441	709
Leelanau County Register of Deeds	10/06/2022	2022005706	--
Lenawee County Register of Deeds	10/06/2022	2646	0008
Livingston County Register of Deeds	10/06/2022	2022R-026503	--
Macomb County Register of Deeds	10/06/2022	28845	949
Manistee County Register of Deeds	10/06/2022	2022R005639	--

Marquette County Register of Deeds	10/06/2022	2022R-09883	--
Mason County Register of Deeds	10/06/2022	2022R06167	--
Mecosta County Register of Deeds	10/06/2022	921	908
Menominee County Register of Deeds	10/07/2022	905	1
Missaukee County Register of Deeds	10/06/2022	2022-03180	--
Monroe County Register of Deeds	10/07/2022	2022R19596	--
Montcalm County Register of Deeds	10/06/2022	2022R-11642	--
Montmorency County Register of Deeds	10/06/2022	408	166
Muskegon County Register of Deeds	10/06/2022	4312	177
Newaygo County Register of Deeds	10/07/2022	490	4828
Oakland County Register of Deeds	10/10/2022	58176	820
Oceana County Register of Deeds	10/06/2022	2022	20757
Ogemaw County Register of Deeds	10/06/2022	3177693	--
Osceola County Register of Deeds	10/06/2022	1033	75

<u>COUNTY</u>	<u>DATE Recorded</u>	<u>Liber/ Instrument no.</u>	<u>Page</u>
Oscoda County Register of Deeds	10/06/2022	222-02640	--
Otsego County Register of Deeds	10/06/2022	1615	384
Ottawa County Register of Deeds	10/06/2022	2022-0035144	--
Presque Isle County Register of Deeds	10/07/2022	00676	00893-00927
Roscommon County Register of Deeds	10/07/2022	1182	1434
St. Clair County Register of Deeds	10/06/2022	5567	834
Saginaw County Register of Deeds	10/06/2022	2022026503	--
Shiawassee County Register of Deeds	10/11/2022	1301	180
Washtenaw County Register of Deeds	10/06/2022	5499	595
Wayne County Register of Deeds	10/06/2022	57894	432
Wexford County Register of Deeds	10/06/2022	694	59

ARTICLE VI

RECORDING OF AFFIDAVIT OF FACTS AFFECTING REAL PROPERTY

An Affidavit of Facts Affecting Real Property dated February 11, 2013 (the "Affidavit") has been recorded in the offices of the respective Registers of Deeds of certain counties in the State of Michigan. The Affidavit, signed by the Company's then President and Chief Operating Officer, was given pursuant to MCL 565.451a to give notice of the fact that pursuant to a joint resolution of the Company's sole shareholder and its board of directors, the Company amended its articles of incorporation effective January 1, 2013 to change its name from MICHIGAN CONSOLIDATED GAS COMPANY to DTE GAS COMPANY.

ARTICLE VII

MISCELLANEOUS PROVISIONS

Except insofar as herein otherwise expressly provided, all the provisions, terms and conditions of the Indenture shall be deemed to be incorporated in, and made a part of, this Fifty-Fourth Supplemental Indenture, and the Twenty-ninth Supplemental Indenture dated as of July 15, 1989, as supplemented by the Thirtieth Supplemental Indenture dated as of September 1, 1991, by the Thirty-first Supplemental Indenture dated as of December 15, 1991, by the Thirty-second Supplemental Indenture dated as of January 5, 1993, by the Thirty-third Supplemental Indenture dated as of May 1, 1995, by the Thirty-fourth Supplemental Indenture dated as of November 1, 1996, by the Thirty-fifth Supplemental Indenture dated as of June 18, 1998, by the Thirty-sixth Supplemental Indenture dated as of August 15, 2001, by the Thirty-seventh Supplemental Indenture dated as of February 15, 2003, by the Thirty-eighth Supplemental Indenture dated as of October 1, 2004, by the Thirty-ninth Supplemental Indenture dated as of April 1, 2008, by the Fortieth Supplemental Indenture dated as of June 1, 2008, by the Forty-first Supplemental Indenture dated as of August 1, 2008, by the Forty-second Supplemental Indenture dated as of December 1, 2008, by the Forty-third Supplemental Indenture dated as of December 1, 2012, by the

Forty-fourth Supplemental Indenture dated as of December 1, 2013, by the Forty-fifth Supplemental Indenture dated as of December 1, 2014, by the Forty-sixth Supplemental Indenture dated as of August 1, 2015, by the Forty-seventh Supplemental Indenture dated as of December 1, 2016, by the Forty-eighth Supplemental Indenture dated as of September 1, 2017, by the Forty-ninth Supplemental Indenture dated as of August 1, 2018, by the Fiftieth Supplemental Indenture dated as of October 1, 2019, by the Fifty-First Supplemental Indenture dated as of August 1, 2020, by the Fifty-Second Supplemental Indenture dated as of November 1, 2021, by the Fifty-Third Supplemental Indenture dated as of September 1, 2022, and by this Supplemental Original Indenture is in all respects hereby ratified and confirmed; and the confirmed. This Supplemental Indenture and said Supplemental Indentures all its provisions shall be read, taken deemed a part of the Original Indenture in the manner and construed as one and the same instrument.

Except to the extent specifically provided herein and therein no provision of this provided.

This Supplemental Indenture or any future supplemental indenture is intended to modify, and the parties do hereby adopt Notes shall be governed by, and confirm, construed in accordance with, the provisions of Section 318(c) laws of the Trust Indenture Act, which amend and supersede provisions State of the Indenture in effect prior to November 15, 1990.

Nothing in this Supplemental Indenture is intended, or shall be construed, to give to any person or corporation, other than the parties hereto and the holders of Bonds issued and to be issued under and secured by the Indenture, any legal or equitable right, remedy or claim under or in respect of this Supplemental Indenture, or under any covenant, condition or provision herein contained, all the covenants, conditions and provisions of this Supplemental Indenture being intended to be, and being, for the sole and exclusive benefit of the parties hereto and of the holders of bonds issued and to be issued under the Indenture and secured thereby. New York.

All covenants, promises and agreements in this This Supplemental Indenture contained by or on behalf of the Company shall bind its successors and assigns whether so expressed or not.

This Supplemental Indenture may be executed in any number of counterparts, and each of such counterparts when so executed shall be deemed to be an original; original, but all such counterparts shall together constitute but one and the same instrument. Execution and delivery of this Supplemental Indenture via facsimile or electronic signatures shall constitute effective execution and delivery of this Supplemental Indenture.

With respect to the 2024 Series A 5.10% Senior Notes due 2029 only, the parties hereby agree that:

The Trustee shall have the right to accept and act upon instructions ("Instructions"), including fund transfer instructions given pursuant to this Supplemental Indenture and delivered using Electronic Means; provided, however, that the Company shall provide to the Trustee an incumbency certificate listing officers and other Company personnel with the authority to provide such Instructions ("Authorized Officers") and containing specimen signatures of such Authorized Officers, which incumbency certificate shall be amended by the Company whenever a person is to be added or deleted from the listing or promptly upon reasonable request of the Trustee. If the Company elects to give the Trustee Instructions using Electronic Means and the Trustee in its reasonable discretion elects to act upon such Instructions, the Trustee's reasonable understanding of such Instructions shall be deemed controlling. The Company understands and agrees that the Trustee shall be entitled to reasonably presume that directions that purport to have been sent by an Authorized Officer listed on the incumbency certificate provided to the Trustee have been sent by such Authorized Officer. The Company shall establish reasonable procedures to ensure that only Authorized Officers transmit such Instructions to the Trustee and that the Company and all Authorized Officers shall safeguard the use and confidentiality of applicable user and authorization

codes, passwords and/or authentication keys provided to the Company. The Trustee shall use reasonable efforts to safeguard the use and confidentiality of applicable user and authorization codes, passwords and/or authentication keys provided to the Trustee in accordance with its regular procedures. The Trustee shall not be liable for any losses, costs or expenses arising directly or indirectly from the Trustee's reasonable reliance upon and compliance with such Instructions notwithstanding such directions conflict or are inconsistent with a subsequent written instruction. The Company agrees: (i) to assume all risks arising out of the use of the Electronic Means it selects to submit Instructions to the Trustee, including without limitation the risk of the Trustee acting on unauthorized Instructions, and the risk of interception and misuse by third parties; (ii) that it is informed of the protections and risks associated with the various methods of transmitting Instructions to the Trustee and that there may be more secure methods of transmitting Instructions than the method(s) selected by the Company; (iii) that the security procedures (if any) to be followed in connection with its transmission of Instructions provide to it a commercially reasonable degree of protection in light of its particular needs and circumstances; and (iv) to notify the Trustee immediately upon learning of any compromise or unauthorized use of the security procedures. For purposes of this paragraph, "Electronic Means" shall mean the following communications methods: e-mail, facsimile transmission, secure electronic transmission containing applicable authorization codes, passwords and/or authentication keys issued by the Trustee, or another method or system specified by the Trustee as available for use in connection with its services hereunder.

The Company agrees, subject to applicable law, (i) to provide the Trustee, upon written request, with such reasonable tax information as it has obtained in the ordinary course and has readily available in its possession to enable the Trustee to determine whether any payments pursuant to this

Supplemental Indenture are subject to the withholding requirements described in Section 1471(b) of the US Internal Revenue Code of 1986 (the "Code") or otherwise imposed pursuant to Sections 1471 through 1474 of the Code and any regulations, or agreements thereunder or official interpretations thereof ("FATCA") and (ii) that the Trustee shall be entitled to make any withholding or deduction from payments under this Supplemental Indenture to the extent necessary to comply with FATCA. The agreement in this paragraph shall be solely for the benefit of the Trustee in order to assist it in complying with such withholding requirements and shall not be enforceable by any individual holder.

IN WITNESS WHEREOF, DTE GAS COMPANY has caused this Supplemental Indenture to be executed by its duly authorized Officer, and its corporate seal to be hereunto affixed, and Citibank, N.A., as Trustee as aforesaid, has caused the same to be executed by one of its authorized signatories and its corporate seal to be hereunto affixed, on the respective dates of their acknowledgments hereinafter set forth, as of the date and year first above written.

IN WITNESS
WHEREOF,
the parties
hereto have
caused this
Supplemental
Indenture to

DTE GAS COMPANY

By: /s/Timothy Lepczyk

Timothy Lepczyk

Assistant Treasurer

Signed, sealed, acknowledged and

delivered by DTE GAS ENERGY COMPANY in the
presence of:

be duly
executed, all
as of the day
and year first
above
written.

By /s/Daniel Richards Christopher J. Allen

Name: Christopher J. Allen

Title: Vice President and Treasurer

Daniel Richards ATTEST:

By: /s/Choi Portis Sarah M. Bello

Choi Portis Name: Sarah M. Bello

Title: Assistant Corporate Secretary

State of Michigan

}

THE BANK OF NEW YORK MELLON TRUST

COMPANY, N.A., as Trustee

County of Wayne

}

ss.

By: /s/ Ann M. Dolezal

Name: Ann M. Dolezal

Title: Vice President

The foregoing instrument was acknowledged before me this 3rd day of October 2023, by Timothy Lepczyk, as Assistant Treasurer of DTE Gas Company, a Michigan corporation, on behalf of the corporation.

EXHIBIT A

FORM OF NOTE

THIS NOTE IS A GLOBAL NOTE WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITORY OR A NOMINEE OF A DEPOSITORY. UNLESS AND UNTIL IT IS EXCHANGED IN WHOLE OR IN PART FOR NOTES IN CERTIFICATED FORM, THIS NOTE MAY NOT BE TRANSFERRED EXCEPT AS A WHOLE BY THE DEPOSITORY TRUST COMPANY ("DTC"), TO A NOMINEE OF DTC OR BY DTC OR ANY SUCH NOMINEE TO A SUCCESSOR OF DTC OR A NOMINEE OF SUCH SUCCESSOR. UNLESS THIS NOTE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF DTC TO THE ISSUER OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY NOTE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO., OR IN SUCH OTHER NAME AS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT HEREON IS MADE TO CEDE & CO., OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY A PERSON IS WRONGFUL, INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

/s/Julia Moskwa CUSIP NO. _____

Julia N. Moskwa NO. : _____

Notary Public, Oakland County, MI

Acting in Wayne County, MI

My Commission Expires: August 2, 2026

Julia Moskwa \$ _____

Notary Public of Michigan

Oakland County

Expires 08/02/2026

Acting in the County of Wayne

DTE ENERGY COMPANY
2024 SERIES A 5.10% SENIOR NOTES DUE 2029

DTE ENERGY COMPANY, a corporation duly organized and existing under the laws of the State of Michigan (herein referred to as the "Company", which term includes any successor Person under the Indenture hereinafter referred to), for value received, hereby promises to pay to CEDE & CO., or registered assigns, the principal sum of \$ _____ on March 1, 2029 ("Stated Maturity" with respect to the principal of this Note), unless previously redeemed, and to pay interest at the rate of 5.10% per annum on said principal sum from February 15, 2024, or from the most recent Interest Payment Date to which interest has been paid or duly provided for, until the principal of this Note becomes due and payable, and on any overdue principal and premium and (to the extent that payment of such interest is enforceable under applicable law) on any overdue installment of interest at the same rate per annum during such overdue period. Interest on this Note will be payable semiannually in arrears on March 1 and September 1 of each year (each such date, an "Interest Payment Date"), commencing September 1, 2024. The amount of interest payable for any period shall be computed on the basis of twelve 30-day months and a 360-day year.

In the event that any Interest Payment Date, redemption date or other date of Maturity of the Notes is not a Business Day, then payment of the amount payable on such date will be made on the next succeeding day which is a Business Day (and without any interest or other payment in respect of any such delay), in each case with the same force and effect as if made on such date. A "Business Day" means any day other than a Saturday or Sunday or a day on which commercial banks in the state of New York or the state of Michigan are required or authorized by law or executive order to be closed. The interest installment so payable, and punctually paid or duly provided for, on any Interest Payment Date with respect to this Note will, as provided in the Indenture, be paid to the person in whose name this Note is registered at the close of business on the relevant record date for such interest installment, which shall be the fifteenth calendar day (whether or not a Business Day) prior to the relevant Interest Payment Date (the "Regular Record Date"). Any such interest installment not punctually paid or duly provided for shall forthwith cease to be payable to the registered Holders on such Regular Record Date, and may either be paid to the person in whose name this Note is registered at the close of business on a Special Record Date to be fixed by the Trustee for the payment of such defaulted interest, notice whereof shall be given to the registered Holders of the Notes not less than ten days prior to such Special Record Date, or may be paid at any time in any other lawful manner not inconsistent with the requirements of any securities exchange on which the Notes may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture. The principal of, and premium, if any, and the interest on the Notes shall be payable at the office or agency of the Company maintained for that purpose in the Borough of Manhattan, City of New York, in any coin or currency of the United States of America which at the time of payment is legal tender for payment of public and private debts; provided, however, that payment of interest may be made at the option of the Company by check mailed to the registered Holder at the close of business on the Regular Record Date at such address as shall appear in the Security Register. Notwithstanding anything else contained herein, if this Note is a Global Note and is held in book-entry form through the facilities of the Depository, payments on this Note will be made to the Depository or its nominee in accordance with arrangements then in effect between the Trustee and the Depository.

This Note is one of a duly authorized series of Securities of the Company, designated as the "2024 Series A 5.10% Senior Notes due 2029" (the "Notes"), initially limited to an aggregate principal amount of \$1,200,000,000 (except for Notes authenticated and delivered upon transfer of, or in exchange for, or in lieu of other Notes, and except as further provided in the Indenture), all issued or to be issued under and pursuant to an Amended and Restated Indenture, dated as of April 9, 2001, as supplemented through and including the Supplemental Indenture dated as of February 1, 2024 (together, as amended, supplemented or modified, the "Indenture"), duly executed and delivered between the Company and The Bank of New York Mellon Trust Company, N.A., as successor trustee (herein referred to as the "Trustee", which term includes any successor trustee under the

Indenture), to which Indenture reference is hereby made for a description of the respective rights, limitations of rights, obligations, duties and immunities thereunder of the Trustee, the Company and the registered Holders of the Notes and of the terms upon which the Notes are, and are to be, authenticated and delivered.

This Note is not subject to repayment at the option of the Holder hereof. This Note is not subject to any sinking fund.

This Note will be redeemable at the option of the Company, in whole at any time or in part from time to time (any such date of redemption to be a "Redemption Date" for purposes of the Indenture) on the terms and at the redemption prices set forth below.

Prior to February 1, 2029 (the "Par Call Date"), the Company may redeem this Note at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of:

- (a) the sum of the present values of the remaining scheduled payments of principal and interest hereon discounted to the redemption date (assuming this Note matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 20 basis points less (b) interest accrued to the date of redemption, and
- 100% of the principal amount of this Note to be redeemed,

plus, in either case, accrued and unpaid interest hereon to the redemption date.

On or after the Par Call Date, the Company may redeem this Note, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of this Note being redeemed plus accrued and unpaid interest hereon to the Redemption Date.

As used herein:

"Treasury Rate" means, with respect to any redemption date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily) - H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, the Company shall select, as applicable:

(1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Par Call Date (the "Remaining Life"); or

(2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or

(3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM or any successor designation or publication is no longer published, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to, the Par Call Date, as applicable. If there is no United States Treasury security maturing on the Par Call Date but there are two or more United States Treasury securities with a maturity date equally distant from the Par Call Date, one with a maturity date preceding the Par Call Date and one with a maturity date following the Par Call Date, the Company shall select the United States Treasury security with a maturity date preceding the Par Call Date. If there are two or more United States Treasury securities maturing on the Par Call Date or two or more United States Treasury securities meeting the criteria of the preceding sentence, the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to

maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error.

Notice of any optional redemption will be mailed at least 30 days but not more than 60 days before the Optional Redemption Date to the Holder hereof at its registered address.

If money sufficient to pay the applicable Redemption Price with respect to the principal amount of and accrued interest on the principal amount of this Note to be redeemed on the applicable Redemption Date is deposited with the Trustee or Paying Agent on or before the related Redemption Date and certain other conditions are satisfied, then on or after such Redemption Date, interest will cease to accrue on the principal amount of this Note called for redemption. If the Notes are only partially redeemed by the Company, the Trustee shall select which Notes are to be redeemed by lot or in a manner it deems fair and appropriate in accordance with the terms of the Indenture.

In the event of redemption of this Note in part only, a new Note or Notes for the unredeemed portion hereof will be issued in the name of the registered Holder hereof upon the cancellation hereof.

In case an Event of Default, as defined in the Indenture, shall have occurred and be continuing, the principal hereof may be declared, and upon such declaration shall become, due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Note upon compliance by the Company with certain conditions set forth therein.

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the rights of the Holders of the Notes under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority of the aggregate principal amount of all Notes issued under the Indenture at the time outstanding and affected thereby; provided, however, that no such amendment shall without the consent of the Holder of each Note so affected, among other things (i) change the stated maturity of the principal of, or any installment of principal of or interest on any Notes, or reduce the principal amount thereof, or reduce the rate of interest thereon, or reduce any premium payable upon the redemption thereof or (ii) reduce the percentage of Notes, the Holders of which are required to consent to any amendment or waiver or for certain other matters as set forth in the Indenture. The Indenture also contains provisions permitting (i) the registered Holders of 66 2/3% in aggregate principal amount of the Securities at the time outstanding affected thereby, on behalf of the registered Holders of the Securities, to waive compliance by the Company with certain provisions of the Indenture and (ii) the registered Holders of not less than a majority in aggregate principal amount of the Securities at the time outstanding affected thereby, on behalf of the registered Holders of the Securities, to waive certain past defaults under the Indenture and their consequences. Any such consent or waiver by the registered Holder of this Note (unless revoked as provided in the Indenture) shall be conclusive and binding upon such registered Holder and upon all future registered Holders and owners of this Note and of any Note issued in exchange hereof or in place hereof (whether by registration of transfer or otherwise), irrespective of whether or not any notation of such consent or waiver is made upon this Note.

No reference herein to the Indenture and no provision of this Note or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of and premium, if any, and interest on this Note at the time and place and at the rate and in the coin or currency herein prescribed.

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Note is registrable in the Security Register of the Company, upon surrender of this Note for registration of transfer at the office or agency of the Company in any place where the principal of and any interest on this Note are payable or at such other offices or agencies as the Company may designate, duly endorsed by or accompanied by a written instrument or instruments of transfer in form satisfactory to the Company and the Security Registrar or any transfer agent duly executed by the registered Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Notes of this series and of like tenor, of authorized denominations and for the same aggregate principal amount will be issued to the designated transferee or transferees. No service charge will be made for any such transfer, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in relation thereto.

Prior to due presentment for registration of transfer of this Note, the Company, the Trustee, any paying agent and any Security Registrar may deem and treat the registered Holder hereof as the absolute owner hereof (whether or not this Note shall be overdue and notwithstanding any notice of ownership or writing hereon made by anyone other than the Security Registrar) for the purpose of receiving payment of or on account of the principal hereof and interest due hereon and for all other purposes, and neither the Company nor the Trustee nor any paying agent nor any Security Registrar shall be affected by any notice to the contrary.

This Global Note is exchangeable for Notes in definitive form only under certain limited circumstances set forth in the Indenture. The Notes so issued are issuable only in registered form without coupons in denominations of \$2,000 and any integral multiple of \$1,000 in excess thereof. As provided in the Indenture and subject to certain limitations therein set forth, the Notes are exchangeable for a like aggregate principal amount of the Notes of a different authorized denomination, as requested by the registered Holder surrendering the same.

As set forth in, and subject to the provisions of, the Indenture, no registered owner of any Note will have any right to institute any proceeding with respect to the Indenture or for any remedy thereunder, unless (i) such registered owner shall have previously given to the Trustee written notice of a continuing Event of Default with respect to the Notes, (ii) the registered owners of not less than 25% in principal amount of the outstanding Notes shall have made written request, and offered reasonable indemnity, to the Trustee to institute such proceeding as trustee, (iii) the Trustee shall have failed to institute such proceeding within 60 days and (iv) the Trustee shall not have received from the registered owners of a majority in principal amount of the outstanding Notes a direction inconsistent with such request within such 60-day period; provided, however, that such limitations do not apply to a suit instituted by the registered owner hereof for the enforcement of payment of the principal of or premium, if any, or any interest on this Note on or after the respective due dates expressed herein.

Unless the Certificate of Authentication hereon has been executed by the Trustee or a duly appointed Authentication Agent referred to herein, this Note shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

The Indenture and this Note shall be governed by and construed in accordance with the laws of the State of New York.

All terms used in this Note which are defined in the Indenture shall have the meanings assigned to them in the Indenture.

Citibank, IN WITNESS WHEREOF, the Company has caused this Instrument to be duly executed.

DTE ENERGY COMPANY

By _____

Name:

Title:

Date: February 15, 2024

Attest:

By _____

Name:

Title:

CERTIFICATE OF AUTHENTICATION

This is one of the Notes described in the within mentioned Indenture.

THE BANK OF NEW YORK MELLON TRUST

COMPANY, N.A.

as Trustee

By _____

Authorized Signatory

Date: February 15, 2024

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

(Please insert Social Security or Other Identifying Number of Assignee)

(Please print or type name and address, including zip code of assignee)

the within Note and all rights thereunder, hereby irrevocably constituting and appointing such person attorneys to transfer the within Note on the books of the Issuer, with full power of substitution in the premises.

Dated: _____

NOTICE: The signature of this assignment must correspond with the name as written upon the face of the within Note in every particular, without alteration or enlargement or any change whatever and NOTICE: Signature(s) must be guaranteed by a financial institution that is a member of the Securities Transfer Agents Medallion Program ("STAMP"), the Stock Exchange, Inc. Medallion Signature Program ("MSP"). When assignment is made by a guardian, trustee, executor or administrator, an officer of a corporation, or anyone in a representative capacity, proof of his or her authority to act must accompany this Note.

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Exhibit 4.2

INDENTURE

DATED AS OF FEBRUARY 1, 2024

DTE ELECTRIC COMPANY
formerly known as
The Detroit Edison Company
(One Energy Plaza, Detroit, Michigan 48226)

TO

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.
(500 Ross Street, 12th Floor, Pittsburgh, PA 15262)

AS TRUSTEE

SUPPLEMENTAL TO MORTGAGE AND DEED OF TRUST
DATED AS OF OCTOBER 1, 1924

PROVIDING FOR

(A) GENERAL AND REFUNDING MORTGAGE BONDS,
2024 SERIES B AND 2024 SERIES C

AND

(B) RECORDING AND FILING DATA

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*This Table of Contents shall not have any bearing upon the interpretation of any of the terms or provisions of this Indenture.

PARTIES.

SUPPLEMENTAL INDENTURE, dated as of the 1st day of February, in the year 2024, between DTE ELECTRIC COMPANY, formerly known as The Detroit Edison Company, a corporation organized and existing under the laws of the State of Michigan and a public utility (hereinafter called the "Company"), party of the first part, and The Bank of New York Mellon Trust Company, N.A., a trust company organized and existing under the laws of the United States, having a corporate trust agency office at 500 Ross Street, 12th Floor, Pittsburgh, Pennsylvania, 15262, as successor Trustee under the Mortgage and Deed of Trust hereinafter mentioned (hereinafter called the "Trustee"), party of the second part.

**ORIGINAL INDENTURE AND
SUPPLEMENTAL INDENTURES.**

WHEREAS, the Company has heretofore executed and delivered its Mortgage and Deed of Trust (hereinafter referred to as the "Original Indenture"), dated as of October 1, 1924, to the Trustee, for the security of all bonds of the Company outstanding thereunder, and pursuant to the terms and provisions of the Original Indenture, indentures dated as of, respectively, June 1, 1925, August 1, 1927, February 1, 1931, June 1, 1931, October 1, 1932, September 25, 1935, September 1, 1936, November 1, 1936, February 1, 1940, December 1, 1940, September 1, 1947, March 1, 1950, November 15, 1951, January 15, 1953, May 1, 1953, March 15, 1954, May 15, 1955, August 15, 1957, June 1, 1959, December 1, 1966, October 1, 1968, December 1, 1969, July 1, 1970, December 15, 1970, June 15, 1971, November 15, 1971, January 15, 1973, May 1, 1974, October 1, 1974, January 15, 1975, November 1, 1975, December 15, 1975, February 1, 1976, June 15, 1976, July 15, 1976, February 15, 1977, March 1, 1977, June 15, 1977, July 1, 1977, October 1, 1977, June 1, 1978, October 15, 1978, March 15, 1979, July 1, 1979, September 1, 1979, September 15, 1979, January 1, 1980, April 1, 1980, August 15, 1980, August 1, 1981, November 1, 1981, June 30, 1982, August 15, 1982, June 1, 1983, October 1, 1984, May 1, 1985, May 15, 1985, October 15, 1985, April 1, 1986, August 15, 1986, November 30, 1986, January 31, 1987, April 1, 1987, August 15, 1987, November 30, 1987, June 15, 1989, July 15, 1989, December 1, 1989, February 15, 1990, November 1, 1990, April 1, 1991, May 1, 1991, May 15, 1991, September 1, 1991, November 1, 1991, January 15, 1992, February 29, 1992, April 15, 1992, July 15, 1992, July 31, 1992, November 30, 1992, December 15, 1992, January 1, 1993, March 1, 1993, March 15, 1993, April 1, 1993, April 26, 1993, May 31, 1993, June 30, 1993, June 30, 1993, September 15, 1993, March 1, 1994, June 15, 1994, August 15, 1994, December 1, 1994, August 1, 1995, August 1, 1999, August 15, 1999, January 1, 2000, April 15, 2000, August 1, 2000, March 15, 2001, May 1, 2001, August 15, 2001, September 15, 2001, September 17, 2002, October 15, 2002, December 1, 2002, August 1, 2003, March 15, 2004, July 1, 2004, February 1, 2005, April 1, 2005, August 1, 2005, September 15, 2005, September 30, 2005, May 15, 2006, December 1, 2006, December 1, 2007, April 1, 2008, May 1, 2008, June 1, 2008, July 1, 2008, October 1, 2008, December 1, 2008, March 15, 2009, November 1, 2009, August 1, 2010, September 1, 2010, December 1, 2010, March 1, 2011, May 15, 2011, August 1, 2011, August 15, 2011, September 1, 2011, June 20, 2012, March 15, 2013, August 1, 2013 June 1, 2014, July 1, 2014, March 1, 2015, May 1, 2016, August 1, 2017, May 1, 2018, February 1, 2019, February 1, 2020, April 1, 2020, March 1, 2021, February 1, 2022, March 1, 2023, and May 1 2023 supplemental to the Original Indenture, have heretofore been entered into between the Company and the Trustee (the Original Indenture and all indentures supplemental thereto together being hereinafter sometimes referred to as the "Indenture"); and

**ISSUE OF BONDS UNDER
INDENTURE.**

WHEREAS, the Indenture provides that said bonds shall be issuable in one or more series, and makes provision that the rates of interest and dates for the payment thereof, the date of maturity or dates of maturity, if of serial maturity, the terms and rates of optional redemption (if redeemable), the forms of registered bonds without coupons of any series and any other provisions and agreements in respect thereof, in the Indenture provided and permitted, as the Board of Directors may determine, may be expressed in a supplemental indenture to be made by the Company to the Trustee thereunder; and

BONDS HERETOFORE ISSUED.

WHEREAS, bonds in the principal amount of Twenty-four billion, three hundred three million, fifty-seven thousand dollars (\$24,303,057,000) have heretofore been issued under the indenture as follows, viz:

(1)	Bonds of Series A	— Principal Amount \$26,016,000,
(2)	Bonds of Series B	— Principal Amount \$23,000,000,
(3)	Bonds of Series C	— Principal Amount \$20,000,000,
(4)	Bonds of Series D	— Principal Amount \$50,000,000,
(5)	Bonds of Series E	— Principal Amount \$15,000,000,
(6)	Bonds of Series F	— Principal Amount \$49,000,000,
(7)	Bonds of Series G	— Principal Amount \$35,000,000,
(8)	Bonds of Series H	— Principal Amount \$50,000,000,
(9)	Bonds of Series I	— Principal Amount \$60,000,000,
(10)	Bonds of Series J	— Principal Amount \$35,000,000,
(11)	Bonds of Series K	— Principal Amount \$40,000,000,
(12)	Bonds of Series L	— Principal Amount \$24,000,000,
(13)	Bonds of Series M	— Principal Amount \$40,000,000,
(14)	Bonds of Series N	— Principal Amount \$40,000,000,
(15)	Bonds of Series O	— Principal Amount \$60,000,000,
(16)	Bonds of Series P	— Principal Amount \$70,000,000,
(17)	Bonds of Series Q	— Principal Amount \$40,000,000,
(18)	Bonds of Series W	— Principal Amount \$50,000,000,
(19)	Bonds of Series AA	— Principal Amount \$100,000,000,
(20)	Bonds of Series BB	— Principal Amount \$50,000,000,
(21)	Bonds of Series CC	— Principal Amount \$50,000,000,
(22)	Bonds of Series UU	— Principal Amount \$100,000,000,

(23-31)	Bonds of Series DDP Nos. 1-9	— Principal Amount \$14,305,000,
(32-45)	Bonds of Series FFR Nos. 1-14	— Principal Amount \$45,600,000,
(46-67)	Bonds of Series GGP Nos. 1-22	— Principal Amount \$42,300,000,
(68)	Bonds of Series HH	— Principal Amount \$50,000,000,
(69-90)	Bonds of Series IIP Nos. 1-22	— Principal Amount \$3,750,000,
(91-98)	Bonds of Series JJP Nos. 1-8	— Principal Amount \$6,850,000,
(99-107)	Bonds of Series KKP Nos. 1-9	— Principal Amount \$34,890,000,
(108-122)	Bonds of Series LLP Nos. 1-15	— Principal Amount \$8,850,000,
(123-143)	Bonds of Series NNP Nos. 1-21	— Principal Amount \$47,950,000,
(144-161)	Bonds of Series OOP Nos. 1-18	— Principal Amount \$18,880,000,
(162-180)	Bonds of Series QQP Nos. 1-19	— Principal Amount \$13,650,000,
(181-195)	Bonds of Series TTP Nos. 1-15	— Principal Amount \$3,800,000,
(196)	Bonds of 1980 Series A	— Principal Amount \$50,000,000,
(197-221)	Bonds of 1980 Series CP Nos. 1-25	— Principal Amount \$35,000,000,
(222-232)	Bonds of 1980 Series DP Nos. 1-11	— Principal Amount \$10,750,000,
(233-248)	Bonds of 1981 Series AP Nos. 1-16	— Principal Amount \$124,000,000,
(249)	Bonds of 1985 Series A	— Principal Amount \$35,000,000,
(250)	Bonds of 1985 Series B	— Principal Amount \$50,000,000,
(251)	Bonds of Series PP	— Principal Amount \$70,000,000,
(252)	Bonds of Series RR	— Principal Amount \$70,000,000,
(253)	Bonds of Series EE	— Principal Amount \$50,000,000,
(254-255)	Bonds of Series MMP and MMP No. 2	— Principal Amount \$5,430,000,
(256)	Bonds of Series T	— Principal Amount \$75,000,000,
(257)	Bonds of Series U	— Principal Amount \$75,000,000,
(258)	Bonds of 1986 Series B	— Principal Amount \$100,000,000,
(259)	Bonds of 1987 Series D	— Principal Amount \$250,000,000,
(260)	Bonds of 1987 Series E	— Principal Amount \$150,000,000,
(261)	Bonds of 1987 Series C	— Principal Amount \$225,000,000,
(262)	Bonds of Series V	— Principal Amount \$100,000,000,

(263)	Bonds of Series SS	— Principal Amount \$150,000,000,
(264)	Bonds of 1980 Series B	— Principal Amount \$100,000,000,
(265)	Bonds of 1986 Series C	— Principal Amount \$200,000,000,
(266)	Bonds of 1986 Series A	— Principal Amount \$200,000,000,
(267)	Bonds of 1987 Series B	— Principal Amount \$175,000,000,
(268)	Bonds of Series X	— Principal Amount \$100,000,000,
(269)	Bonds of 1987 Series F	— Principal Amount \$200,000,000,
(270)	Bonds of 1987 Series A	— Principal Amount \$300,000,000,
(271)	Bonds of Series Y	— Principal Amount \$60,000,000,
(272)	Bonds of Series Z	— Principal Amount \$100,000,000,
(273)	Bonds of 1989 Series A	— Principal Amount \$300,000,000,
(274)	Bonds of 1984 Series AP	— Principal Amount \$2,400,000,
(275)	Bonds of 1984 Series BP	— Principal Amount \$7,750,000,
(276)	Bonds of Series R	— Principal Amount \$100,000,000,
(277)	Bonds of Series S	— Principal Amount \$150,000,000,
(278)	Bonds of 1993 Series D	— Principal Amount \$100,000,000,
(279)	Bonds of 1992 Series E	— Principal Amount \$50,000,000,
(280)	Bonds of 1993 Series B	— Principal Amount \$50,000,000,
(281)	Bonds of 1989 Series BP	— Principal Amount \$66,565,000,
(282)	Bonds of 1990 Series A	— Principal Amount \$194,649,000,
(283)	Bonds of 1990 Series D	— Principal Amount \$0,
(284)	Bonds of 1993 Series G	— Principal Amount \$225,000,000,
(285)	Bonds of 1993 Series K	— Principal Amount \$160,000,000,
(286)	Bonds of 1991 Series EP	— Principal Amount \$41,480,000,
(287)	Bonds of 1993 Series H	— Principal Amount \$50,000,000,
(288)	Bonds of 1999 Series D	— Principal Amount \$40,000,000,
(289)	Bonds of 1991 Series FP	— Principal Amount \$98,375,000,
(290)	Bonds of 1992 Series BP	— Principal Amount \$20,975,000,

(291)	Bonds of 1992 Series D	— Principal Amount \$300,000,000,
(292)	Bonds of 1992 Series CP	— Principal Amount \$35,000,000,
(293)	Bonds of 1993 Series C	— Principal Amount \$225,000,000,
(294)	Bonds of 1993 Series E	— Principal Amount \$400,000,000,
(295)	Bonds of 1993 Series J	— Principal Amount \$300,000,000,
(296-301)	Bonds of Series KKP Nos. 10-15	— Principal Amount \$179,590,000,
(302)	Bonds of 1989 Series BP No. 2	— Principal Amount \$36,000,000,
(303)	Bonds of 1993 Series FP	— Principal Amount \$5,685,000,
(304)	Bonds of 1993 Series IP	— Principal Amount \$5,825,000,
(305)	Bonds of 1994 Series AP	— Principal Amount \$7,535,000,
(306)	Bonds of 1994 Series BP	— Principal Amount \$12,935,000,
(307)	Bonds of 1994 Series DP	— Principal Amount \$23,700,000,
(308)	Bonds of 1994 Series C	— Principal Amount \$200,000,000,
(309)	Bonds of 2000 Series A	— Principal Amount \$220,000,000,
(310)	Bonds of 2005 Series A	— Principal Amount \$200,000,000,
(311)	Bonds of 1995 Series AP	— Principal Amount \$97,000,000,
(312)	Bonds of 1995 Series BP	— Principal Amount \$22,175,000,
(313)	Bonds of 2001 Series D	— Principal Amount \$200,000,000,
(314)	Bonds of 2005 Series B	— Principal Amount \$200,000,000,
(315)	Bonds of 2006 Series CT	— Principal Amount \$68,500,000,
(316)	Bonds of 2005 Series DT	— Principal Amount \$119,175,000,
(317)	Bonds of 1991 Series AP	— Principal Amount \$32,375,000,
(318)	Bonds of 2008 Series DT	— Principal Amount \$68,500,000,
(319)	Bonds of 1993 Series AP	— Principal Amount \$65,000,000,
(320)	Bonds of 2001 Series E	— Principal Amount \$500,000,000,
(321)	Bonds of 2001 Series AP	— Principal Amount \$31,000,000,
(322)	Bonds of 1991 Series BP	— Principal Amount \$25,910,000,
(323)	Bonds of 2001 Series BP	— Principal Amount \$82,350,000,
(324)	Bonds of 1999 Series AP	— Principal Amount \$118,360,000,

(325)	Bonds of 1999 Series CP	— Principal Amount \$66,565,000,
(326)	Bonds of 1999 Series BP	— Principal Amount \$39,745,000,
(327)	Bonds of 2001 Series CP	— Principal Amount \$139,855,000,
(328)	Bonds of 2000 Series B	— Principal Amount \$50,745,000,
(329)	Bonds of 2002 Series A	— Principal Amount \$225,000,000,
(330)	Bonds of 2002 Series C	— Principal Amount \$64,300,000,
(331)	Bonds of 2002 Series D	— Principal Amount \$55,975,000,
(332)	Bonds of 2009 Series CT	— Principal Amount \$65,000,000,
(333)	Bonds of 2003 Series A	— Principal Amount \$49,000,000,
(334)	Bonds of 2008 Series J	— Principal Amount \$250,000,000,
(335)	Bonds of 2008 Series LT	— Principal Amount \$50,000,000
(336)	Bonds of 1990 Series C	— Principal Amount \$85,475,000,
(337)	Bonds of 1990 Series F	— Principal Amount \$0,
(338)	Bonds of 2011 Series AT	— Principal Amount \$31,000,000,
(339)	Bonds of 2004 Series B	— Principal Amount \$31,980,000,
(340)	Bonds of 2004 Series A	— Principal Amount \$36,000,000,
(341)	Bonds of 2009 Series BT	— Principal Amount \$68,500,000,
(342)	Bonds of 2004 Series D	— Principal Amount \$200,000,000,
(343)	Bonds of 2005 Series AR	— Principal Amount \$200,000,000,
(344)	Bonds of 2010 Series CT	— Principal Amount \$19,855,000,
(345)	Bonds of 1990 Series B	— Principal Amount \$256,932,000,
(346)	Bonds of 1990 Series E	— Principal Amount \$0,
(347)	Bonds of 2008 Series G	— Principal Amount \$300,000,000,
(348)	Bonds of 2008 Series KT	— Principal Amount \$32,375,000,
(349)	Bonds of 2010 Series B	— Principal Amount \$300,000,000,
(350)	Bonds of 2010 Series A	— Principal Amount \$300,000,000
(351)	Bonds of 1991 Series CP	— Principal Amount \$32,800,000,
(352)	Bonds of 1991 Series DP	— Principal Amount \$37,600,000,
(353)	Bonds of 2011 Series B	— Principal Amount \$250,000,000
(354)	Bonds of 1992 Series AP	— Principal Amount \$66,000,000,
(355)	Bonds of 2012 Series A	— Principal Amount \$250,000,000
(356)	Bonds of 2005 Series C	— Principal Amount \$100,000,000
(357)	Bonds of 2011 Series D	— Principal Amount \$102,000,000

all of which have either been retired and cancelled, or no longer represent obligations of the Company, having matured or having been called for redemption and funds necessary to effect the payment, redemption and retirement thereof having been deposited with the Trustee as a special trust fund to be applied for such purpose;

(358) Bonds of 2002 Series B in the principal amount of Two hundred twenty-five million dollars (\$225,000,000) all of which are outstanding at the date hereof;

(359) Bonds of 2005 Series BR in the principal amount of Two hundred million dollars (\$200,000,000) all of which are outstanding at the date hereof;

(360) Bonds of 2005 Series E in the principal amount of Two hundred fifty million dollars (\$250,000,000) all of which are outstanding at the date hereof;

(361) Bonds of 2006 Series A in the principal amount of Two hundred fifty million dollars (\$250,000,000) all of which are outstanding at the date hereof;

(362) Bonds of 2007 Series A in the principal amount of Fifty million dollars (\$50,000,000) all of which are outstanding at the date hereof;

(363) Bonds of 2008 Series ET in the principal amount of One hundred nineteen million one hundred seventy-five thousand dollars (\$119,175,000) of which fifty-nine million one hundred seventy-five thousand dollars (\$59,175,000) are outstanding at the date hereof;

(364) Bonds of 2011 Series E in the principal amount of Seventy-seven million dollars (\$77,000,000) all of which are outstanding at the date hereof;

(365) Bonds of 2011 Series F in the principal amount of Forty-six million dollars (\$46,000,000) all of which are outstanding at the date hereof;

(366) Bonds of 2011 Series GT in the principal amount of Eighty-two million three hundred fifty thousand dollars (\$82,350,000) all of which are outstanding at the date hereof;

(367) Bonds of 2011 Series H in the principal amount of One hundred forty million dollars (\$140,000,000) all of which are outstanding at the date hereof;

(368) Bonds of 2012 Series B in the principal amount of Two hundred fifty million dollars (\$250,000,000) all of which are outstanding at the date hereof;

(369) Bonds of 2013 Series A in the principal amount of Three hundred seventy-five million dollars (\$375,000,000) all of which are outstanding at the date hereof;

(370) Bonds of 2013 Series B in the principal amount of Four hundred million dollars (\$400,000,000) of which one hundred million dollars (\$100,000,000) are outstanding at the date hereof;

(371) Bonds of 2014 Series A in the principal amount of one hundred million dollars (\$100,000,000) all of which are outstanding at the date hereof;

(372) Bonds of 2014 Series B in the principal amount of One hundred fifty million dollars (\$150,000,000) all of which are outstanding at the date hereof;

(373) Bonds of 2014 Series D in the principal amount of Three hundred and fifty million dollars (\$350,000,000) all of which are outstanding at the date hereof;

(374) Bonds of 2014 Series E in the principal amount of Three hundred and fifty million dollars (\$350,000,000) all of which are outstanding at the date hereof;

(375) Bonds of 2015 Series A in the principal amount of Five hundred million dollars (\$500,000,000) all of which are outstanding at the date hereof;

(376) Bonds of 2016 Series A in the principal amount of Three hundred million dollars (\$300,000,000) all of which are outstanding at the date hereof;

(377) Bonds of 2017 Series B in the principal amount of Four hundred forty million dollars (\$440,000,000) all of which are outstanding at the date hereof;

(378) Bonds of 2018 Series A in the principal amount of Five hundred twenty-five million dollars (\$525,000,000) all of which are outstanding at the date hereof;

(379) Bond of 2019 Series A in the principal amount of Six hundred fifty million dollars (\$650,000,000) all of which are outstanding at the date hereof;

(380) Bonds of 2020 Series A in the principal amount of Six hundred million dollars (\$600,000,000) all of which are outstanding at the date hereof;

(381) Bonds of 2020 Series B in the principal amount of Five hundred million dollars (\$500,000,000) all of which are outstanding at the date hereof;

(382) Bonds of 2020 Series C in the principal amount of Six hundred million dollars (\$600,000,000) all of which are outstanding at the date hereof;

(383) Bonds of 2021 Green Series A in the principal amount of Five hundred seventy-five million dollars (\$575,000,000) all of which are outstanding at the date hereof;

(384) Bonds of 2021 Green Series B in the principal amount of Four hundred twenty-five million dollars (\$425,000,000) all of which are outstanding at the date hereof;

(385) Bonds of 2022 Series A in the principal amount of Five hundred million dollars (\$500,000,000) all of which are outstanding at the date hereof;

(386) Bonds of 2022 Green Series B in the principal amount of Four hundred million dollars (\$400,000,000) all of which are outstanding at the date hereof;

(387) Bonds of 2023 Series A in the principal amount of Six hundred million dollars (\$600,000,000) all of which are outstanding at the date hereof;

(388) Bonds of 2023 Series B in the principal amount of Six hundred million dollars (\$600,000,000) all of which are outstanding at the date hereof;

(389) Bonds of 2023 Series DT in the principal amount of One hundred million dollars (\$100,000,000) all of which are outstanding at the date hereof,

accordingly, the Company has issued and has presently outstanding Ten billion, three hundred sixty-nine million, five hundred twenty-five thousand dollars (\$10,369,525,000) aggregate principal amount of its General and Refunding Mortgage Bonds (the "Bonds") at the date hereof.

REASON FOR CREATION OF NEW SERIES. WHEREAS, the Company desires to issue two new series of bonds pursuant to the Indenture; and

**BONDS TO BE 2024 SERIES B AND 2024
SERIES C.**

WHEREAS, the Company desires by this Supplemental Indenture to create two new series of bonds, to be designated "General and Refunding Mortgage Bonds, 2024 Series B," in the aggregate principal amount of Five hundred million dollars (\$500,000,000), and "General and Refunding Mortgage Bonds, 2024 Series C in the aggregate principal amount of Five hundred million dollars (\$500,000,000), to be authenticated and delivered pursuant to Section 4 of Article III of the Indenture; and

FURTHER ASSURANCE.

WHEREAS, the Original Indenture, by its terms, includes in the property subject to the lien thereof all of the estates and properties, real, personal and mixed, rights, privileges and franchises of every nature and kind and wheresoever situate, then or thereafter owned or possessed by or belonging to the Company or to which it was then or at any time thereafter might be entitled in law or in equity (saving and excepting, however, the property therein specifically excepted or released from the lien thereof), and the Company therein covenanted that it would, upon reasonable request, execute and deliver such further instruments as may be necessary or proper for the better assuring and confirming unto the Trustee all or any part of the trust estate, whether then or thereafter owned or acquired by the Company (saving and excepting, however, property specifically excepted or released from the lien thereof); and

**AUTHORIZATION OF SUPPLEMENTAL
INDENTURE.**

WHEREAS, the Company in the exercise of the powers and authority conferred upon and reserved to it under and by virtue of the provisions of the Indenture, and pursuant to resolutions of its Board of Directors, has duly resolved and determined to make, execute and deliver to the Trustee a supplemental indenture in the form hereof for the purposes herein provided; and

WHEREAS, all conditions and requirements necessary to make this Supplemental Indenture a valid and legally binding instrument in accordance with its terms have been done, performed and fulfilled, and the execution and delivery hereof have been in all respects duly authorized;

**CONSIDERATION FOR SUPPLEMENTAL
INDENTURE.**

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That DTE Electric Company, in consideration of the premises and of the covenants contained in the Indenture and of the sum of One Dollar (\$1.00) and other good and valuable consideration to it duly paid by the Trustee at or before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, hereby covenants and agrees to and with the Trustee and its successors in the trusts under the Original Indenture and in said indentures supplemental thereto as follows:

PART I.

**CREATION OF THREE HUNDRED NINETIETH
SERIES OF BONDS,
GENERAL AND REFUNDING MORTGAGE BONDS,
2024 SERIES B**

TERMS OF BONDS OF 2024 SERIES B.

SECTION 1. The Company hereby creates the three hundred ninetieth series of bonds to be issued under and secured by the Original Indenture as amended to date and as further amended by this Supplemental Indenture, to be designated, and to be distinguished from the bonds of all other series, by the title "General and Refunding Mortgage Bonds, 2024 Series B" (elsewhere herein referred to as the "bonds of 2024 Series B"). The aggregate principal amount of bonds of 2024 Series B shall be limited to Five hundred million dollars (\$500,000,000), except as provided in Sections 7 and 13 of Article II of the Original Indenture with respect to exchanges and replacements of bonds, and except further that the Company may, without the consent of any holder of the bonds of 2024 Series B, "reopen" the bonds of 2024 Series B, so long as any additional bonds of 2024 Series B have the same tenor and terms as the bonds of 2024 Series B established hereby.

The bonds of 2024 Series B shall be issued as registered bonds without coupons in denominations of \$2,000 and any larger amount that is an integral multiple of \$1,000. The bonds of 2024 Series B shall be issued in the aggregate principal amount of \$500,000,000, shall mature on December 1, 2026 (subject to earlier redemption) and shall bear interest, payable semi-annually on June 1 and December 1 of each year (commencing June 1, 2024), at the rate of four and eighty-five hundredths percent (4.85%) per annum until the principal thereof shall have become due and payable and thereafter until the Company's obligation with respect to the payment of said principal shall have been discharged as provided in the Indenture. The bonds of 2024 Series B will be issued in book-entry form through the facilities of The Depository Trust Company. Except as otherwise specifically provided in this Supplemental Indenture, the bonds of 2024 Series B shall be payable, as to principal, premium, if any, and interest, at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, in any coin or currency of the United States of America which at the time of payment is legal tender for public and private debts.

Except as provided herein, each bond of 2024 Series B shall be dated the date of its authentication and interest shall be payable on the principal represented thereby from the June 1 or December 1 next preceding the date to which interest has been paid on bonds of 2024 Series B, unless the bond is authenticated on a date prior to June 1, 2024 in which case interest shall be payable from February 29, 2024.

The bonds of 2024 Series B in definitive form shall be, at the election of the Company, fully engraved or shall be lithographed or printed in authorized denominations as aforesaid and numbered R-1 and upwards (with such further designation as may be appropriate and desirable to indicate by such designation the form, series and denomination of bonds of 2024 Series B). Until bonds of 2024 Series B in definitive form are ready for delivery, the Company may execute, and upon its request in writing the Trustee shall authenticate and deliver in lieu thereof, bonds of 2024 Series B in temporary form, as provided in Section 10 of Article II of the Indenture. Temporary bonds of 2024 Series B if any, may be printed and may be issued in authorized denominations in substantially the form of definitive bonds of 2024 Series B, but without a recital of redemption prices and with such omissions, insertions and variations as may be appropriate for temporary bonds, all as may be determined by the Company.

Interest on any bond of 2024 Series B that is payable on any interest payment date and is punctually paid or duly provided for shall be paid to the person in whose name that bond, or any previous bond to the extent evidencing the same debt as that evidenced by that bond, is registered at the close of business on the regular record date for such interest, which regular record date shall be the fifteenth calendar day (whether or not such day is a business day) immediately preceding the applicable interest payment date. If the Company shall default in the payment of the interest due on any interest payment date on the principal represented by any bond of 2024 Series B, such defaulted interest shall forthwith cease to be payable to the registered holder of that bond on the relevant regular record date by virtue of his having been such holder, and such defaulted interest may be paid to the registered holder of that bond (or any bond or bonds of 2024 Series B issued upon transfer or exchange thereof) on the date of payment of such defaulted interest or, at the election of the Company, to the person in whose name that bond (or any bond or bonds of 2024 Series B issued upon transfer or exchange thereof) is registered on a subsequent record date established by notice given by mail by or on behalf of the Company to the holders of bonds of 2024 Series B not less than ten (10) days preceding such subsequent record date, which subsequent record date shall be at least five (5) days prior to the payment date of such defaulted interest. Interest will be computed on the basis of a 360-day year of twelve 30-day months.

Bonds of 2024 Series B, in definitive and temporary form, may bear such legends as may be necessary to comply with any law or with any rules or regulations made pursuant thereto.

If any interest payment date, date of redemption or the stated maturity for the bonds of 2024 Series B would otherwise be a day that is not a business day, payment of principal and/or interest or premium, if any, with respect to the bonds of 2024 Series B will be paid on the next succeeding business day with the same force and effect as if made on such date and no interest on such payment will accrue from and after such date.

"Business day" means any day other than a day on which banking institutions in the State of New York or the State of Michigan are authorized or obligated pursuant to law or executive order to close.

REDEMPTION OF BONDS OF 2024 SERIES B. SECTION 2. Bonds of 2024 Series B will be redeemable at the option of the Company, in whole at any time or in part from time to time at the redemption prices set forth below.

The Company may redeem the Bonds of 2024 Series B at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of: (1) (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 10 basis points less (b) interest accrued to the date of redemption, and (2) 100% of the principal amount of the Bonds of 2024 Series B to be redeemed, plus, in either case, accrued and unpaid interest thereon to the redemption date.

"Treasury Rate" means, with respect to any redemption date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily) - H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, the Company shall select, as applicable:

- (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the maturity date of the Series B Bonds (the "Remaining Life"); or
- (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the maturity date of the Series B Bonds on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to, the maturity date of the Series B Bonds, as applicable. If there is no United States Treasury security maturing on the maturity date of the Series B Bonds but there are two or more United States Treasury securities with a maturity date equally distant from the maturity date of the Series B Bonds, one with a maturity date preceding the maturity date of the Series B Bonds and one with a maturity date following the maturity date of the Series B Bonds, the Company shall select the United States Treasury security with a maturity date preceding the maturity date of the Series B Bonds. If there are two or more United States Treasury securities maturing on the maturity date of the Series B Bonds or two or more United States Treasury securities meeting the criteria of the preceding sentence, the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places..

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error. The Trustee shall have no responsibility to determine or calculate the redemption price.

The bonds of 2024 Series B shall be redeemable as aforesaid upon giving notice of such redemption by first class mail, postage prepaid, by or on behalf of the Company at least thirty (30) days, but not more than sixty (60) days, prior to the date fixed for redemption to the registered holders of bonds of 2024 Series B so called for redemption at their last respective addresses appearing on the register thereof, but failure to mail such notice to the registered holders of any bonds of 2024 Series B designated for redemption shall not affect the validity of any such redemption of any other bonds of such series. Interest shall cease to accrue on any bonds of 2024 Series B (or any portion thereof) so called for redemption from and after the date fixed for redemption if payment sufficient to redeem the bonds of 2024 Series B (or such portion) designated for redemption has been duly provided for. Bonds of 2024 Series B redeemed in part only shall be in amounts of \$2,000 or any larger amount that is an integral multiple of \$1,000.

If the giving of the notice of redemption shall have been completed, or if provision satisfactory to the Trustee for the giving of such notice shall have been made, and if the Company shall have deposited with the Trustee in trust funds (which shall have become available for payment to the holders of the bonds of 2024 Series B so to be redeemed) sufficient to redeem bonds of 2024 Series B in whole or in part, on the date fixed for redemption, then all obligations of the Company in respect of such bonds (or portions thereof) so to be redeemed and interest due or to become due thereon shall cease and be discharged and the holders of such bonds of 2024 Series B (or portions thereof) shall thereafter be restricted exclusively to such funds for any and all claims of whatsoever nature on their part under the Indenture or in respect of such bonds (or portions thereof) and interest.

The bonds of 2024 Series B shall not be entitled to or subject to any sinking fund and shall not be redeemable other than as provided in Section 2 hereof.

EXCHANGE AND TRANSFER.

SECTION 3. At the option of the registered holder, any bonds of 2024 Series B, upon surrender thereof for cancellation at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, together with a written instrument of transfer (if so required by the Company or by the Trustee) in form approved by the Company duly executed by the holder or by its duly authorized attorney, shall be exchangeable for a like aggregate principal amount of bonds of 2024 Series B upon the terms and conditions specified herein and in Section 7 of Article II of the Indenture. The Company waives its rights under Section 7 of Article II of the Indenture not to make exchanges or transfers of bonds of 2024 Series B during any period of ten (10) days next preceding any redemption date for such bonds.

Bonds of 2024 Series B, in definitive and temporary form, may bear such legends as may be necessary to comply with any law or with any rules or regulations made pursuant thereto.

FORM OF BONDS OF 2024 SERIES B.

SECTION 4. The bonds of 2024 Series B and the form of Trustee's Certificate to be endorsed on such bonds shall be substantially in the following forms, respectively:

DTE ELECTRIC COMPANY
GENERAL AND REFUNDING MORTGAGE BOND
2024 SERIES B

[This bond is a global security within the meaning of the indenture hereinafter referred to and is registered in the name of a depository or a nominee of a depository. Unless and until it is exchanged in whole or in part for bonds in certificated form, this bond may not be transferred except as a whole by the Depository Trust Company ("DTC") to a nominee of DTC or by DTC or any such nominee to a successor of DTC or any such nominee to a successor of DTC or a

nominee of such successor. Unless this bond is presented by an authorized representative of DTC to the issuer or its agent for registration of transfer, exchange or payment, and any bond issued is registered in the name of Cede & Co. or in such other name as requested by an authorized representative of DTC (and any payment hereon is made to Cede & Co., or to such other entity as is requested by an authorized representative of DTC) any transfer, pledge or other use hereof for value or otherwise by a person is wrongful, inasmuch as the registered owner hereof, Cede & Co., has an interest herein.]

CUSIP

\$ _____ No. R-_____

DTE ELECTRIC COMPANY (hereinafter called the "Company"), a corporation of the State of Michigan, for value received, hereby promises to pay to [Cede & Co.], or registered assigns, at the Company's office or agency in the Borough of Manhattan, the City and State of New York, the principal sum of _____ dollars (\$_____) in lawful money of the United States of America on December 1, 2026 (subject to earlier redemption) and interest thereon at the rate of 4.85% per annum, in like lawful money, from February 29, 2024 and after the first payment of interest on bonds of this Series has been made or otherwise provided for, from the most recent date to which interest has been paid or otherwise provided for, semi-annually on June 1 and December 1 of each year (commencing June 1, 2024), until the Company's obligation with respect to payment of said principal shall have been discharged, all as provided, to the extent and in the manner specified in the Indenture hereinafter mentioned and in the supplemental indenture pursuant to which this bond has been issued.

This bond is one of an authorized issue of bonds of the Company, unlimited as to amount except as provided in the Indenture hereinafter mentioned or any indentures supplemental thereto, and is one of a series of General and Refunding Mortgage Bonds known as 2024 Series B, limited to an aggregate principal amount of \$500,000,000, except as otherwise provided in the Indenture hereinafter mentioned. This bond and all other bonds of said series are issued and to be issued under, and are all equally and ratably secured (except insofar as any sinking, amortization, improvement or analogous fund, established in accordance with the provisions of the Indenture hereinafter mentioned, may afford additional security for the bonds of any particular series and except as provided in Section 3 of Article VI of said Indenture) by an Indenture, dated as of October 1, 1924, duly executed by the Company to The Bank of New York Mellon Trust Company, N.A., as successor Trustee, to which Indenture and all indentures supplemental thereto (including the Supplemental Indenture dated as of February 1, 2024) reference is hereby made for a description of the properties and franchises mortgaged and conveyed, the nature and extent of the security, the terms and conditions upon which the bonds are issued and under which additional bonds may be issued, and the rights of the holders of the bonds and of the Trustee in respect of such security (which Indenture and all indentures supplemental thereto, including the Supplemental Indenture dated as of February 1, 2024, are hereinafter collectively called the "Indenture"). As provided in the Indenture, said bonds may be for various principal sums and are issuable in series, which may mature at different times, may bear interest at different rates and may otherwise vary as in said Indenture provided. With the consent of the Company and to the extent permitted by and as provided in the Indenture, the rights and obligations of the Company and of the holders of the bonds and the terms and provisions of the Indenture, or of any indenture supplemental thereto, may be modified or altered in certain respects by affirmative vote of at least eighty-five percent (85%) in amount of the bonds then outstanding, and, if the rights of one or more, but less than all, series of bonds then outstanding are to be affected by the action proposed to be taken, then also by affirmative vote of at least eighty-five percent (85%) in amount of the series of bonds so to be affected (excluding in every instance bonds disqualified from voting by reason of the Company's interest therein as specified in the Indenture); provided, however, that, without the consent of the holder hereof, no such modification or alteration shall, among other things, affect the terms of payment of the principal of or the interest on this bond, which in those respects is unconditional.

This bond is not subject to repayment at the option of the holder hereof. Except as provided below, this bond is not redeemable by the Company prior to maturity and is not subject to any sinking fund.

The Company may redeem this bond at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of: (1) (a) the sum of the present values of the remaining scheduled payments of principal and interest hereon discounted to the redemption date on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 10 basis points less (b) interest accrued to the date of redemption, and (2) 100% of the principal amount of this bond to be redeemed, plus, in either case, accrued and unpaid interest thereon to the redemption date.

"Treasury Rate" means, with respect to any redemption date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily) - H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities-Treasury constant maturities-Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, the Company shall select, as applicable:

- (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the maturity date of the Series B Bonds (the "Remaining Life"); or
- (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the maturity date of the Series B Bonds on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to, the maturity date of the Series B Bonds, as applicable. If there is no United States Treasury security maturing on the maturity date of the Series B Bonds but there are two or more United States Treasury securities with a maturity date equally distant from the maturity date of the Series B Bonds, one with a maturity date preceding the maturity date of the Series B Bonds and one with a maturity date following the maturity date of the Series B Bonds, the Company shall select the United States Treasury security with a maturity date preceding the maturity date of the Series B Bonds. If there are two or more United States Treasury securities maturing on the maturity date of the Series B Bonds or two or more United States Treasury securities meeting the criteria of the preceding sentence, the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error. The Trustee shall have no responsibility to determine or calculate the redemption price.

Notice of any optional redemption will be mailed at least 30 days but not more than 60 days before the optional redemption date to the holder hereof at its registered address. If notice has been provided in accordance with the Indenture and funds for the redemption of this bond called for redemption have been made available on the redemption date, this bond will cease to bear interest on the date fixed for redemption. Thereafter, the only right of the holder hereof will be to receive payment of the redemption price.

Under the Indenture, funds may be deposited with the Trustee (which shall have become available for payment), in advance of the redemption date of any of the bonds of this series (or portions thereof), in trust for the redemption of such bonds (or portions thereof) and the interest due or to become due thereon, and thereupon all obligations of the Company in respect of such bonds (or portions thereof) so to be redeemed and such interest shall cease and be discharged, and the holders thereof shall thereafter be restricted exclusively to such funds for any and all claims of whatsoever nature on their part under the Indenture or with respect to such bonds (or portions thereof) and interest.

In case an event of default, as defined in the Indenture, shall occur, the principal of all the bonds issued thereunder may become or be declared due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The bonds of this series are issuable only in fully registered form without coupons in denominations of \$2,000 and any larger amount that is an integral multiple of \$1,000. This Global Security is exchangeable for bonds in definitive form only under certain limited circumstances set forth in the Indenture. As provided in the Indenture and subject to certain limitations therein set forth, bonds of this series are exchangeable for a like aggregate principal amount of bonds of this series of a different authorized denomination, as requested by the registered holder surrendering the same.

This bond is transferable by the registered holder hereof, in person or by his attorney duly authorized in writing, on the books of the Company kept at its office or agency in the Borough of Manhattan, the City and State of New York, upon surrender and cancellation of this bond, and thereupon, a new registered bond of the same series of authorized denominations for a like aggregate principal amount will be issued to the transferee in exchange therefor, and this bond with others in like form may in like manner be exchanged for one or more new bonds of the same series of other authorized denominations, but of the same aggregate principal amount, all as provided and upon the terms and conditions set forth in the Indenture, and upon payment, in any event, of the charges prescribed in the Indenture.

No recourse shall be had for the payment of the principal of or the interest on this bond, or for any claim based hereon or otherwise in respect hereof or of the Indenture, or of any indenture supplemental thereto, against any incorporator, or against any past, present or future stockholder, director or officer, as such, of the Company, or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether for amounts unpaid on stock subscriptions or by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise howsoever; all such liability being, by the acceptance hereof and as part of the consideration for the issue hereof, expressly waived and released by every holder or owner hereof, as more fully provided in the Indenture.

This bond shall not be valid or become obligatory for any purpose until The Bank of New York Mellon Trust Company, N.A., the Trustee under the Indenture, or its successor thereunder, shall have signed the form of certificate endorsed hereon.

IN WITNESS WHEREOF, DTE ELECTRIC COMPANY has caused this instrument to be executed by an authorized officer, with his or her manual or facsimile signatures, and its corporate seal, or a facsimile thereof, to be impressed or imprinted hereon and the same to be attested by its Corporate Secretary or Assistant Corporate Secretary by manual or facsimile signature.

Dated: _____

DTE ELECTRIC COMPANY

By: _____

Name: _____

Title: _____

[Corporate Seal]

Attest:

By: _____

Name: _____

Title: _____

[FORM OF TRUSTEE'S CERTIFICATE]

FORM OF TRUSTEE'S CERTIFICATE.

This bond is one of the bonds, of the series designated therein, described in the within-mentioned Indenture.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as
Trustee

By: _____

Authorized Representative

Date: _____

PART II.

CREATION OF THREE HUNDRED NINETY-FIRST
SERIES OF BONDS,
GENERAL AND REFUNDING MORTGAGE BONDS,
2024 SERIES C

TERMS OF BONDS OF 2024 SERIES C.

SECTION 1. The Company hereby creates the three hundred ninety-first series of bonds to be issued under and secured by the Original Indenture as amended to date and as further amended by this Supplemental Indenture, to be designated, and to be distinguished from the bonds of all other series, by the title "General and Refunding Mortgage Bonds, 2024 Series C" (elsewhere herein referred to as the "bonds of 2024 Series C"). The aggregate principal amount of bonds of 2024 Series C shall be limited to Five hundred million dollars (\$500,000,000), except as provided in Sections 7 and 13 of Article II of the Original Indenture with respect to exchanges and replacements of bonds, and except further that the Company may, without the consent of any holder of the bonds of 2024 Series C, "reopen" the bonds of 2024 Series C, so long as any additional bonds of 2024 Series C have the same tenor and terms as the bonds of 2024 Series C established hereby.

The bonds of 2024 Series C shall be issued as registered bonds without coupons in denominations of \$2,000 and any larger amount that is an integral multiple of \$1,000. The bonds of 2024 Series C shall be issued in the aggregate principal amount of \$500,000,000, shall mature on March 1, 2034 (subject to earlier redemption) and shall bear interest, payable semi-annually on March 1 and September 1 of each year (commencing September 1, 2024, at the rate of five and twenty hundredths percent (5.20%) per annum until the principal thereof shall have become due and payable and thereafter until the Company's obligation with respect to the payment of said principal shall have been discharged as provided in the Indenture. The bonds of 2024 Series C will be issued in book-entry form through the facilities of The Depository Trust Company. Except as otherwise specifically provided in this Supplemental Indenture, the bonds of 2024 Series C shall be payable, as to principal, premium, if any, and interest, at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, in any coin or currency of the United States of America which at the time of payment is legal tender for public and private debts.

Except as provided herein, each bond of 2024 Series C shall be dated the date of its authentication and interest shall be payable on the principal represented thereby from the March 1 or September 1 next preceding the date to which interest has been paid on bonds of 2024 Series C, unless the bond is authenticated on a date prior to September 1, 2024 in which case interest shall be payable from February 29, 2024.

The bonds of 2024 Series C in definitive form shall be, at the election of the Company, fully engraved or shall be lithographed or printed in authorized denominations as aforesaid and numbered R-1 and upwards (with such further designation as may be appropriate and desirable to indicate by such designation the form, series and denomination of bonds of 2024 Series C). Until bonds of 2024 Series C in definitive form are ready for delivery, the Company may execute, and upon its request in writing the Trustee shall authenticate and deliver in lieu thereof, bonds of 2024 Series C in temporary form, as provided in Section 10 of Article II of the Indenture. Temporary bonds of 2024 Series C if any, may be printed and may be issued in authorized denominations in substantially the form of definitive bonds of 2024 Series C, but without a recital of redemption prices and with such omissions, insertions and variations as may be appropriate for temporary bonds, all as may be determined by the Company.

Interest on any bond of 2024 Series C that is payable on any interest payment date and is punctually paid or duly provided for shall be paid to the person in whose name that bond, or any previous bond to the extent evidencing the same debt as that evidenced by that bond, is registered at the close of business on the regular record date for such interest, which regular record date shall be the fifteenth calendar day (whether or not such day is a business day) immediately preceding the applicable interest payment date. If the Company shall default in the payment of the interest due on any interest payment date on the principal represented by any bond of 2024 Series C, such defaulted interest shall forthwith cease to be payable to the registered holder of that bond on the relevant regular record date by virtue of his having been such holder, and such defaulted interest may be paid to the registered holder of that bond (or any bond or bonds of 2024 Series C issued upon transfer or exchange thereof) on the date of payment of such defaulted interest or, at the election of the Company, to the person in whose name that bond (or any bond or bonds of 2024 Series C issued upon transfer or exchange thereof) is registered on a subsequent record date established by notice given by mail by or on behalf of the Company to the holders of bonds of 2024 Series C not less than ten (10) days preceding such subsequent record date, which subsequent record date shall be at least five (5) days prior to the payment date of such defaulted interest. Interest will be computed on the basis of a 360-day year of twelve 30-day months.

Bonds of 2024 Series C, in definitive and temporary form, may bear such legends as may be necessary to comply with any law or with any rules or regulations made pursuant thereto.

If any interest payment date, date of redemption or the stated maturity for the bonds of 2024 Series C would otherwise be a day that is not a business day, payment of principal and/or interest or premium, if any, with respect to the bonds of 2024 Series C will be paid on the next succeeding business day with the same force and effect as if made on such date and no interest on such payment will accrue from and after such date.

"Business day" means any day other than a day on which banking institutions in the State of New York or the State of Michigan are authorized or obligated pursuant to law or executive order to close.

REDEMPTION OF BONDS OF 2024 SERIES C.

SECTION 2. Bonds of 2024 Series C will be redeemable at the option of the Company, in whole at any time or in part from time to time at the redemption prices set forth below.

Prior to December 1, 2033 (the "Series C Par Call Date"), the Company may redeem the Bonds of 2024 Series C at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of: (1) (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Bonds of 2024 Series C matured on the Series C Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 15 basis points less (b) interest accrued to the date of redemption, and (2) 100% of the principal amount of the Bonds of 2024 Series C to be redeemed, plus, in either case, accrued and unpaid interest thereon to the redemption date.

On or after the Series C Par Call Date, the Company may redeem the Bonds of 2024 Series C, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Bonds of 2024 Series C being redeemed plus accrued and unpaid interest thereon to the redemption date.

"Treasury Rate" means, with respect to any redemption date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily) - H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, the Company shall select, as applicable:

- (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Series C Par Call Date (the "Remaining Life"); or
- (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the Series C Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to, the Series C Par Call Date, as applicable. If there is no United States Treasury security maturing on the Series C Par Call Date but there are two or more United States Treasury securities with a maturity date equally distant from the Series C Par Call Date, one with a maturity date preceding the Series C Par Call Date and one with a maturity date following the Series C Par Call Date, the Company shall select the United States Treasury security with a maturity date preceding the Series C Par Call Date. If there are two or more United States Treasury securities maturing on the Series C Par Call Date or two or more United States Treasury securities meeting the criteria of the preceding sentence, the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error. The Trustee shall have no responsibility to determine or calculate the redemption price.

The bonds of 2024 Series C shall be redeemable as aforesaid upon giving notice of such redemption by first class mail, postage prepaid, by or on behalf of the Company at least thirty (30) days, but not more than sixty (60) days, prior to the date fixed for redemption to the registered holders of bonds of 2024 Series C so called for redemption at their last respective addresses appearing on the register thereof, but failure to mail such notice to the registered holders of any bonds of 2024 Series C designated for redemption shall not affect the validity of any such redemption of any other bonds of such series. Interest shall cease to accrue on any bonds of 2024 Series C (or any portion thereof) so called for redemption from and after the date fixed for redemption if payment sufficient to redeem the bonds of 2024 Series C (or such portion) designated for redemption has been duly provided for. Bonds of 2024 Series C redeemed in part only shall be in amounts of \$2,000 or any larger amount that is an integral multiple of \$1,000.

If the giving of the notice of redemption shall have been completed, or if provision satisfactory to the Trustee for the giving of such notice shall have been made, and if the Company shall have deposited with the Trustee in trust funds (which shall have become available for payment to the holders of the bonds of 2024 Series C so to be redeemed) sufficient to redeem bonds of 2024 Series C in whole or in part, on the date fixed for redemption, then all obligations of the Company in respect of such bonds (or portions thereof) so to be redeemed and interest due or to become due thereon shall cease and be discharged and the holders of such bonds of 2024 Series C (or portions thereof) shall thereafter be restricted exclusively to such funds for any and all claims of whatsoever nature on their part under the Indenture or in respect of such bonds (or portions thereof) and interest.

The bonds of 2024 Series C shall not be entitled to or subject to any sinking fund and shall not be redeemable other than as provided in Section 2 hereof.

EXCHANGE AND TRANSFER.

SECTION 3. At the option of the registered holder, any bonds of 2024 Series C, upon surrender thereof for cancellation at the office or agency of the Company in the Borough of Manhattan, the City and State of New York, together with a written instrument of transfer (if so required by the Company or by the Trustee) in form approved by the Company duly executed by the holder or by its duly authorized attorney, shall be exchangeable for a like aggregate principal amount of bonds of 2024 Series C upon the terms and conditions specified herein and in Section 7 of Article II of the Indenture. The Company waives its rights under Section 7 of Article II of the Indenture not to make exchanges or transfers of bonds of 2024 Series C during any period of ten (10) days next preceding any redemption date for such bonds.

Bonds of 2024 Series C, in definitive and temporary form, may bear such legends as may be necessary to comply with any law or with any rules or regulations made pursuant thereto.

FORM OF BONDS OF 2024 SERIES C.

SECTION 4. The bonds of 2024 Series C and the form of Trustee's Certificate to be endorsed on such bonds shall be substantially in the following forms, respectively:

DTE ELECTRIC COMPANY
GENERAL AND REFUNDING MORTGAGE BOND
2024 SERIES C

[This bond is a global security within the meaning of the indenture hereinafter referred to and is registered in the name of a depository or a nominee of a depository. Unless and until it is exchanged in whole or in part for bonds in certificated form, this bond may not be transferred except as a whole by the Depository Trust Company ("DTC") to a nominee of DTC or by DTC or any such nominee to a successor of DTC or any such nominee to a successor of DTC or a nominee of such successor. Unless this bond is presented by an authorized representative of DTC to the issuer or its agent for registration of transfer, exchange or payment, and any bond issued is registered in the name of Cede & Co. or in such other name as requested by an authorized representative of DTC (and any payment hereon is made to Cede & Co., or to such other entity as is requested by an authorized representative of DTC) any transfer, pledge or other use hereof for value or otherwise by a person is wrongful, inasmuch as the registered owner hereof, Cede & Co., has an interest herein.]

CUSIP

\$ _____ No. R- _____

DTE ELECTRIC COMPANY (hereinafter called the "Company"), a corporation of the State of Michigan, for value received, hereby promises to pay to [Cede & Co.], or registered assigns, at the Company's office or agency in the Borough of Manhattan, the City and State of New York, the principal sum of _____ dollars (\$_____) in lawful money of the United States of America on March 1, 2034 (subject to earlier redemption) and interest thereon at the rate of 5.20% per annum, in like lawful money, from February 29, 2024 and after the first payment of interest on bonds of this Series has been made or otherwise provided for, from the most recent date to which interest has been paid or otherwise provided for, semi-annually on March 1 and September 1 of each year (commencing September 1, 2024), until the Company's obligation with respect to payment of said principal shall have been discharged, all as provided, to the extent and in the manner specified in the Indenture hereinafter mentioned and in the supplemental indenture pursuant to which this bond has been issued.

This bond is one of an authorized issue of bonds of the Company, unlimited as to amount except as provided in the Indenture hereinafter mentioned or any indentures supplemental thereto, and is one of a series of General and Refunding Mortgage Bonds known as 2024 Series C, limited to an aggregate principal amount of \$500,000,000, except as otherwise provided in the Indenture hereinafter mentioned. This bond and all other bonds of said series are issued and to be issued under, and are all equally and ratably secured (except insofar as any sinking, amortization, improvement or analogous fund, established in accordance with the provisions of the Indenture hereinafter mentioned, may afford additional security for the bonds of any particular series and except as provided in Section 3 of Article VI of said Indenture) by an Indenture, dated as of October 1, 1924, duly executed by the Company to The Bank of New York Mellon Trust Company, N.A., as successor Trustee, to which Indenture and all indentures supplemental thereto (including the Supplemental Indenture dated as of February 1, 2024) reference is hereby made for a description of the properties and franchises mortgaged and conveyed, the nature and extent of the security, the terms and conditions upon which the bonds are issued and under which additional bonds may be issued, and the rights of the holders of the bonds and of the Trustee in respect of such security (which Indenture and all indentures supplemental thereto, including the Supplemental Indenture dated as of February 1, 2024, are hereinafter collectively called the "Indenture"). As provided in the Indenture, said bonds may be for various principal sums and are issuable in series, which may mature at different times, may bear interest at different rates and may otherwise vary as in said Indenture provided. With the consent of the Company and to the extent permitted by and as provided in the Indenture, the rights and obligations of the Company and of the holders of the bonds and the terms and provisions of the Indenture, or of any indenture supplemental thereto, may be modified or altered in certain respects by affirmative vote of at least eighty-five percent (85%) in amount of the bonds then outstanding, and, if the rights of one or more, but less than all, series of bonds then outstanding are to be affected by the action proposed to be taken, then also by affirmative vote of at least eighty-five percent (85%) in amount of the series of bonds so to be affected (excluding in every instance bonds disqualified from voting by reason of the Company's interest therein as specified in the Indenture); provided, however, that, without the consent of the holder hereof, no such modification or alteration shall, among other things, affect the terms of payment of the principal of or the interest on this bond, which in those respects is unconditional.

This bond is not subject to repayment at the option of the holder hereof. Except as provided below, this bond is not redeemable by the Company prior to maturity and is not subject to any sinking fund.

Prior to December 1, 2033 (the "Series C Par Call Date"), the Company may redeem this bond at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal to the greater of: (1) (a) the sum of the present values of the remaining scheduled payments of principal and interest hereon discounted to the redemption date (assuming this bond matured on the Series C Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 15 basis points less (b) interest accrued to the date of redemption, and (2) 100% of the principal amount of this bond to be redeemed, plus, in either case, accrued and unpaid interest thereon to the redemption date.

On or after the Series C Par Call Date, the Company may redeem this bond, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of this bond being redeemed plus accrued and unpaid interest thereon to the redemption date.

"Treasury Rate" means, with respect to any redemption date, the yield determined by the Company in accordance with the following two paragraphs.

The Treasury Rate shall be determined by the Company after 4:15 p.m., New York City time (or after such time as yields on U.S. government securities are posted daily by the Board of Governors of the Federal Reserve System), on the third business day preceding the redemption date based upon the yield or yields for the most recent day that appear after such time on such day in the most recent statistical release published by the Board of Governors of the Federal Reserve System designated as "Selected Interest Rates (Daily) - H.15" (or any successor designation or publication) ("H.15") under the caption "U.S. government securities—Treasury constant maturities—Nominal" (or any successor caption or heading) ("H.15 TCM"). In determining the Treasury Rate, the Company shall select, as applicable:

- (1) the yield for the Treasury constant maturity on H.15 exactly equal to the period from the redemption date to the Series C Par Call Date (the "Remaining Life"); or
- (2) if there is no such Treasury constant maturity on H.15 exactly equal to the Remaining Life, the two yields – one yield corresponding to the Treasury constant maturity on H.15 immediately shorter than and one yield corresponding to the Treasury constant maturity on H.15 immediately longer than the Remaining Life – and shall interpolate to the Series C Par Call Date on a straight-line basis (using the actual number of days) using such yields and rounding the result to three decimal places; or
- (3) if there is no such Treasury constant maturity on H.15 shorter than or longer than the Remaining Life, the yield for the single Treasury constant maturity on H.15 closest to the Remaining Life. For purposes of this paragraph, the applicable Treasury constant maturity or maturities on H.15 shall be deemed to have a maturity date equal to the relevant number of months or years, as applicable, of such Treasury constant maturity from the redemption date.

If on the third business day preceding the redemption date H.15 TCM is no longer published, the Company shall calculate the Treasury Rate based on the rate per annum equal to the semi-annual equivalent yield to maturity at 11:00 a.m., New York City time, on the second business day preceding such redemption date of the United States Treasury security maturing on, or with a maturity that is closest to, the Series C Par Call Date, as applicable. If there is no United States Treasury security maturing on the Series C Par Call Date but there are two or more United States Treasury securities with a maturity date equally distant from the Series C Par Call Date, one with a maturity date preceding the Series C Par Call Date and one with a maturity date following the Series C Par Call Date, the Company shall select the United States Treasury security with a maturity date preceding the Series C Par Call Date. If there are two or more United States Treasury securities maturing on the Series C Par Call Date or two or more United States Treasury securities meeting the criteria of the preceding sentence, the Company shall select from among these two or more United States Treasury securities the United States Treasury security that is trading closest to par based upon the average of the bid and asked prices for such United States Treasury securities at 11:00 a.m., New York City time. In determining the Treasury Rate in accordance with the terms of this paragraph, the semi-annual yield to maturity of the applicable United States Treasury security shall be based upon the average of the bid and asked prices (expressed as a percentage of principal amount) at 11:00 a.m., New York City time, of such United States Treasury security, and rounded to three decimal places.

The Company's actions and determinations in determining the redemption price shall be conclusive and binding for all purposes, absent manifest error. The Trustee shall have no responsibility to determine or calculate the redemption price.

Notice of any optional redemption will be mailed at least 30 days but not more than 60 days before the optional redemption date to the holder hereof at its registered address. If notice has been provided in accordance with the Indenture and funds for the redemption of this bond called for redemption have been made available on the redemption date, this bond will cease to bear interest on the date fixed for redemption. Thereafter, the only right of the holder hereof will be to receive payment of the redemption price.

Under the Indenture, funds may be deposited with the Trustee (which shall have become available for payment), in advance of the redemption date of any of the bonds of this series (or portions thereof), in trust for the redemption of such bonds (or portions thereof) and the interest due or to become due thereon, and thereupon all obligations of the Company in respect of such bonds (or portions thereof) so to be redeemed and such interest shall cease and be discharged, and the holders thereof shall thereafter be restricted exclusively to such funds for any and all claims of whatsoever nature on their part under the Indenture or with respect to such bonds (or portions thereof) and interest.

In case an event of default, as defined in the Indenture, shall occur, the principal of all the bonds issued thereunder may become or be declared due and payable, in the manner, with the effect and subject to the conditions provided in the Indenture.

The bonds of this series are issuable only in fully registered form without coupons in denominations of \$2,000 and any larger amount that is an integral multiple of \$1,000. This Global Security is exchangeable for bonds in definitive form only under certain limited circumstances set forth in the Indenture. As provided in the Indenture and subject to certain limitations therein set forth, bonds of this series are exchangeable for a like aggregate principal amount of bonds of this series of a different authorized denomination, as requested by the registered holder surrendering the same.

This bond is transferable by the registered holder hereof, in person or by his attorney duly authorized in writing, on the books of the Company kept at its office or agency in the Borough of Manhattan, the City and State of New York, upon surrender and cancellation of this bond, and thereupon, a new registered bond of the same series of authorized denominations for a like aggregate principal amount will be issued to the transferee in exchange therefor, and this bond with others in like form may in like manner be exchanged for one or more new bonds of the same series of other authorized denominations, but of the same aggregate principal amount, all as provided and upon the terms and conditions set forth in the Indenture, and upon payment, in any event, of the charges prescribed in the Indenture.

No recourse shall be had for the payment of the principal of or the interest on this bond, or for any claim based hereon or otherwise in respect hereof or of the Indenture, or of any indenture supplemental thereto, against any incorporator, or against any past, present or future stockholder, director or officer, as such, of the Company, or of any predecessor or successor corporation, either directly or through the Company or any such predecessor or successor corporation, whether for amounts unpaid on stock subscriptions or by virtue of any constitution, statute or rule of law, or by the enforcement of any assessment or penalty or otherwise howsoever; all such liability being, by the acceptance hereof and as part of the consideration for the issue hereof, expressly waived and released by every holder or owner hereof, as more fully provided in the Indenture.

This bond shall not be valid or become obligatory for any purpose until The Bank of New York Mellon Trust Company, N.A., the Trustee under the Indenture, or its successor thereunder, shall have signed the form of certificate endorsed hereon.

IN WITNESS WHEREOF, DTE ELECTRIC COMPANY has caused this instrument to be executed by an authorized officer, with his or her manual or facsimile signatures, and its corporate seal, or a facsimile thereof, to be impressed or imprinted hereon and the same to be attested by its Corporate Secretary or Assistant Corporate Secretary by manual or facsimile signature.

Dated: _____

DTE ELECTRIC COMPANY

By: _____

Name:

Title:

[Corporate Seal]

Attest:

By: _____

Name:

Title:

[FORM OF TRUSTEE'S CERTIFICATE]

FORM OF TRUSTEE'S CERTIFICATE.

This bond is one of the bonds, of the series designated therein, described in the within-mentioned Indenture.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., as

Trustee

By: _____

Authorized Representative

Dated: _____

PART III.

RECORDING AND FILING DATA

**RECORDING AND FILING OF ORIGINAL
INDENTURE**

The Original Indenture and indentures supplemental thereto have been recorded and/or filed and Certificates of Provision for Payment have been recorded as hereinafter set forth.

The Original Indenture has been recorded as a real estate mortgage and filed as a chattel Mortgage in the offices of the respective Registers of Deeds of certain counties in the State of Michigan as set forth in the Supplemental Indenture dated as of September 1, 1947, has been recorded as a real estate mortgage in the office of the Register of Deeds of Mason County, Michigan as set forth in the Supplemental Indenture dated as of June 15, 1971, has been recorded as a real estate mortgage in the office of the Register of Deeds of Genesee County, Michigan as set forth in the Supplemental Indenture dated as of May 1, 1974, has been recorded as a real estate mortgage in the office of the Register of Deeds of Gratiot County, Michigan on June 18, 2012 at Liber 923 Page 772, has been recorded as a real estate mortgage in the office of the Register of Deeds of Midland County, Michigan on June 18, 2012 at Liber 1555 Page 504, has been recorded as a real estate mortgage in the office of the Register of Deeds of Montcalm County, Michigan on March 6, 2015 at Document Number 2015R-03220, has been recorded as a real estate mortgage in the office of the Register of Deeds of Saginaw County, Michigan on May 4, 2023 at Document Number 2023011128, has been recorded as a real estate mortgage in the office of the Register of Deeds of Delta County, Michigan on May 8, 2023 at Liber 1366 Page 424, has been recorded as a real estate mortgage in the office of the Register of Deeds of Isabella County, Michigan on May 12, 2023 at Liber 1900 Page 4973, has been filed in the Office of the Secretary of State of Michigan on November 16, 1951 and has been filed and recorded in the office of the Interstate Commerce Commission on December 8, 1969.

**RECORDING AND FILING OF
SUPPLEMENTAL INDENTURES**

Pursuant to the terms and provisions of the Original Indenture, indentures supplemental thereto heretofore entered into have been Recorded as a real estate mortgage and/or filed as a chattel mortgage or as a financing statement in the offices of the respective Registers of Deeds of certain counties in the State of Michigan, the Office of the Secretary of State of Michigan and the Office of the Interstate Commerce Commission or the Surface Transportation Board, as set forth in supplemental indentures as follows:

SUPPLEMENTAL INDENTURE DATED AS OF	PURPOSE OF SUPPLEMENTAL INDENTURE	RECORDED AND/OR FILED AS SET FORTH IN	SUPPLEMENTAL INDENTURE DATED AS OF
June 1, 1925(a)(b)	Series B Bonds	February 1, 1940	
August 1, 1927(a)(b)	Series C Bonds	February 1, 1940	
February 1, 1931(a)(b)	Series D Bonds	February 1, 1940	
June 1, 1931(a)(b)	Subject Properties	February 1, 1940	
October 1, 1932(a)(b)	Series E Bonds	February 1, 1940	
September 25, 1935(a)(b)	Series F Bonds	February 1, 1940	
September 1, 1936(a)(b)	Series G Bonds	February 1, 1940	
November 1, 1936(a)(b)	Subject Properties	February 1, 1940	
February 1, 1940(a)(b)	Subject Properties	September 1, 1947	
December 1, 1940(a)(b)	Series H Bonds and Additional Provisions	September 1, 1947	

<u>SUPPLEMENTAL INDENTURE</u>	<u>PURPOSE OF SUPPLEMENTAL INDENTURE</u>	<u>RECORDED AND/OR FILED AS SET FORTH IN SUPPLEMENTAL INDENTURE DATED AS OF</u>
<u>DATED AS OF</u>		
September 1, 1947(a)(b)(c)	Series I Bonds, Subject Properties and Additional Provisions	November 15, 1951
March 1, 1950(a)(b)(c)	Series J Bonds and Additional Provisions	November 15, 1951
November 15, 1951(a)(b)(c)	Series K Bonds, Additional Provisions and Subject Properties	January 15, 1953
January 15, 1953(a)(b)	Series L Bonds	May 1, 1953
May 1, 1953(a)	Series M Bonds and Subject Properties	March 15, 1954
March 15, 1954(a)(c)	Series N Bonds and Subject Properties	May 15, 1955
May 15, 1955(a)(c)	Series O Bonds and Subject Properties	August 15, 1957
August 15, 1957(a)(c)	Series P Bonds, Additional Provisions and Subject Properties	June 1, 1959
June 1, 1959(a)(c)	Series Q Bonds and Subject Properties	December 1, 1966
December 1, 1966(a)(c)	Series R Bonds, Additional Provisions and Subject Properties	October 1, 1968
October 1, 1968(a)(c)	Series S Bonds and Subject Properties	December 1, 1969
December 1, 1969(a)(c)	Series T Bonds and Subject Properties	July 1, 1970
July 1, 1970(c)	Series U Bonds and Subject Properties	December 15, 1970
December 15, 1970(c)	Series V Bonds and Series W Bonds	June 15, 1971
June 15, 1971(c)	Series X Bonds and Subject Properties	November 15, 1971
November 15, 1971(c)	Series Y Bonds and Subject Properties	January 15, 1973
January 15, 1973(c)	Series Z Bonds and Subject Properties	May 1, 1974
May 1, 1974	Series AA Bonds and Subject Properties	October 1, 1974
October 1, 1974	Series BB Bonds and Subject Properties	January 15, 1975
January 15, 1975	Series CC Bonds and Subject Properties	November 1, 1975
November 1, 1975	Series DDP Nos. 1-9 Bonds and Subject Properties	December 15, 1975
December 15, 1975	Series EE Bonds and Subject Properties	February 1, 1976
February 1, 1976	Series FFR Nos. 1-13 Bonds	June 15, 1976
June 15, 1976	Series GGP Nos. 1-7 Bonds and Subject Properties	July 15, 1976
July 15, 1976	Series HH Bonds and Subject Properties	February 15, 1977
February 15, 1977	Series MMP Bonds and Subject Properties	March 1, 1977
March 1, 1977	Series IIP Nos. 1-7 Bonds, Series JJP Nos. 1-7 Bonds, Series KKP Nos. 1-7 Bonds and Series LLP Nos. 1-7 Bonds	June 15, 1977
June 15, 1977	Series FFR No. 14 Bonds and Subject Properties	July 1, 1977
July 1, 1977	Series NNP Nos. 1-7 Bonds and Subject Properties	October 1, 1977
October 1, 1977	Series GGP Nos. 8-22 Bonds and Series OOP Nos. 1-17 Bonds and Subject Properties	June 1, 1978
June 1, 1978	Series PP Bonds, Series QQP Nos. 1-9 Bonds and Subject Properties	October 15, 1978

<u>SUPPLEMENTAL INDENTURE</u>	<u>PURPOSE OF SUPPLEMENTAL INDENTURE</u>	<u>RECORDED AND/OR FILED AS SET FORTH IN SUPPLEMENTAL INDENTURE DATED AS OF</u>
<u>DATED AS OF</u>		
October 15, 1978	Series RR Bonds and Subject Properties	March 15, 1979
March 15, 1979	Series SS Bonds and Subject Properties	July 1, 1979
July 1, 1979	Series IIP Nos. 8-22 Bonds, Series NNP Nos. 8-21 Bonds and Series TTP Nos. 1-15 Bonds and Subject Properties	September 1, 1979
September 1, 1979	Series JJP No. 8 Bonds, Series KKP No. 8 Bonds, Series LLP Nos. 8-15 Bonds, Series MMP No. 2 Bonds and Series OOP No. 18 Bonds and Subject Properties	September 15, 1979
September 15, 1979	Series UU Bonds	January 1, 1980
January 1, 1980	1980 Series A Bonds and Subject Properties	April 1, 1980
April 1, 1980	1980 Series B Bonds	August 15, 1980
August 15, 1980	Series QQP Nos. 10-19 Bonds, 1980 Series CP Nos. 1-12 Bonds and 1980 Series DP No. 1-11 Bonds and Subject Properties	August 1, 1981
August 1, 1981	1980 Series CP Nos. 13-25 Bonds and Subject Properties	November 1, 1981
November 1, 1981	1981 Series AP Nos. 1-12 Bonds	June 30, 1982
June 30, 1982	Article XIV Reconfirmation	August 15, 1982
August 15, 1982	1981 Series AP Nos. 13-14 Bonds and Subject Properties	June 1, 1983
June 1, 1983	1981 Series AP Nos. 15-16 Bonds and Subject Properties	October 1, 1984
October 1, 1984	1984 Series AP Bonds and 1984 Series BP Bonds and Subject Properties	May 1, 1985
May 1, 1985	1985 Series A Bonds	May 15, 1985
May 15, 1985	1985 Series B Bonds and Subject Properties	October 15, 1985
October 15, 1985	Series KKP No. 9 Bonds and Subject Properties	April 1, 1986
April 1, 1986	1986 Series A Bonds and Subject Properties	August 15, 1986
August 15, 1986	1986 Series B Bonds and Subject Properties	November 30, 1986
November 30, 1986	1986 Series C Bonds	January 31, 1987
January 31, 1987	1987 Series A Bonds	April 1, 1987
April 1, 1987	1987 Series B Bonds and 1987 Series C Bonds	August 15, 1987
August 15, 1987	1987 Series D Bonds, 1987 Series E Bonds and Subject Properties	November 30, 1987
November 30, 1987	1987 Series F Bonds	June 15, 1989
June 15, 1989	1989 Series A Bonds	July 15, 1989
July 15, 1989	Series KKP No. 10 Bonds	December 1, 1989

<u>SUPPLEMENTAL INDENTURE DATED AS OF</u>	<u>PURPOSE OF SUPPLEMENTAL INDENTURE</u>	<u>RECORDED AND/OR FILED AS SET FORTH IN SUPPLEMENTAL INDENTURE DATED AS OF</u>
December 1, 1989	Series KKP No. 11 Bonds and 1989 Series BP Bonds	February 15, 1990
February 15, 1990	1990 Series A Bonds, 1990 Series B Bonds, 1990 Series C Bonds, 1990 Series D Bonds, 1990 Series E Bonds and 1990 Series F Bonds	November 1, 1990
November 1, 1990	Series KKP No. 12 Bonds	April 1, 1991
April 1, 1991	1991 Series AP Bonds	May 1, 1991
May 1, 1991	1991 Series BP Bonds and 1991 Series CP Bonds	May 15, 1991
May 15, 1991	1991 Series DP Bonds	September 1, 1991
September 1, 1991	1991 Series EP Bonds	November 1, 1991
November 1, 1991	1991 Series FP Bonds	January 15, 1992
January 15, 1992	1992 Series BP Bonds	February 29, 1992 and April 15, 1992
February 29, 1992	1992 Series AP Bonds	April 15, 1992
April 15, 1992	Series KKP No. 13 Bonds	July 15, 1992
July 15, 1992	1992 Series CP Bonds	November 30, 1992
July 31, 1992	1992 Series D Bonds	November 30, 1992
November 30, 1992	1992 Series E Bonds and 1993 Series B Bonds	March 15, 1993
December 15, 1992	Series KKP No. 14 Bonds and 1989 Series BP No. 2 Bonds	March 15, 1993
January 1, 1993	1993 Series C Bonds	April 1, 1993
March 1, 1993	1993 Series E Bonds	June 30, 1993
March 15, 1993	1993 Series D Bonds	September 15, 1993
April 1, 1993	1993 Series FP Bonds and 1993 Series IP Bonds	September 15, 1993
April 26, 1993	1993 Series G Bonds and Amendment of Article II, Section 5	September 15, 1993
May 31, 1993	1993 Series J Bonds	September 15, 1993
June 30, 1993	1993 Series AP Bonds	(d)
June 30, 1993	1993 Series H Bonds	(d)
September 15, 1993	1993 Series K Bonds	March 1, 1994
March 1, 1994	1994 Series AP Bonds	June 15, 1994
June 15, 1994	1994 Series BP Bonds	December 1, 1994
August 15, 1994	1994 Series C Bonds	December 1, 1994
December 1, 1994	Series KKP No. 15 Bonds and 1994 Series DP Bonds	August 1, 1995
August 1, 1995	1995 Series AP Bonds and 1995 Series BP Bonds	August 1, 1995
August 1, 1999	1999 Series AP Bonds, 1999 Series BP Bonds and 1999 Series CP Bonds	(d)
August 15, 1999	1999 Series D Bonds	(d)
January 1, 2000	2000 Series A Bonds	(d)

<u>SUPPLEMENTAL INDENTURE</u>	<u>PURPOSE OF SUPPLEMENTAL INDENTURE</u>	<u>RECORDED AND/OR FILED AS SET FORTH IN SUPPLEMENTAL INDENTURE DATED AS OF</u>
<u>DATED AS OF</u>		
April 15, 2000	Appointment of Successor Trustee	(d)
August 1, 2000	2000 Series BP Bonds	(d)
March 15, 2001	2001 Series AP Bonds	(d)
May 1, 2001	2001 Series BP Bonds	(d)
August 15, 2001	2001 Series CP Bonds	(d)
September 15, 2001	2001 Series D Bonds and 2001 Series E Bonds	(d)
September 17, 2002	Amendment of Article XIII, Section 3 and Appointment of Successor Trustee	(d)
October 15, 2002	2002 Series A Bonds and 2002 Series B Bonds	(d)
December 1, 2002	2002 Series C Bonds and 2002 Series D Bonds	(d)
August 1, 2003	2003 Series A Bonds	(d)
March 15, 2004	2004 Series A Bonds and 2004 Series B Bonds	(d)
July 1, 2004	2004 Series D Bonds	(d)
February 1, 2005	2005 Series A Bonds and 2005 Series B Bonds	May 15, 2006
April 1, 2005	2005 Series AR Bonds and 2005 Series BR Bonds	May 15, 2006
August 1, 2005	2005 Series DT Bonds	May 15, 2006
September 15, 2005	2005 Series C Bonds	May 15, 2006
September 30, 2005	2005 Series E Bonds	May 15, 2006
May 15, 2006	2006 Series A Bonds	December 1, 2006
December 1, 2006	2006 Series CT Bonds	December 1, 2007
December 1, 2007	2007 Series A Bonds	April 1, 2008
April 1, 2008	2008 Series DT Bonds	May 1, 2008
May 1, 2008	2008 Series ET Bonds	July 1, 2008
June 1, 2008	2008 Series G Bonds	October 1, 2008
July 1, 2008	2008 Series KT Bonds	October 1, 2008
October 1, 2008	2008 Series J Bonds	December 1, 2008
December 1, 2008	2008 Series LT Bonds	March 15, 2009
March 15, 2009	2009 Series BT Bonds	November 1, 2009
November 1, 2009	2009 Series CT Bonds	August 1, 2010
August 1, 2010	2010 Series B Bonds	December 1, 2010
September 1, 2010	2010 Series A Bonds	December 1, 2010
December 1, 2010	2010 Series CT Bonds	March 1, 2011
March 1, 2011	2011 Series AT Bonds	May 15, 2011
May 15, 2011	2011 Series B Bonds	August 1, 2011
August 1, 2011	2011 Series GT Bonds	June 20, 2012
August 15, 2011	2011 Series D, 2011 Series E and 2011 Series F Bonds	June 20, 2012

<u>SUPPLEMENTAL INDENTURE DATED AS OF</u>	<u>PURPOSE OF SUPPLEMENTAL INDENTURE</u>	<u>RECORDED AND/OR FILED AS SET FORTH IN SUPPLEMENTAL INDENTURE DATED AS OF</u>
September 1, 2011	2011 Series H Bonds	June 20, 2012
June 20, 2012	2012 Series A and B Bonds	March 15, 2013
March 15, 2013	2013 Series A Bonds	August 1, 2013
August 1, 2013	2013 Series B Bonds	June 1, 2014
June 1, 2014	2014 Series A and B Bonds	July 1, 2014
July 1, 2014	2014 Series D and E Bonds	March 1, 2015
March 1, 2015	2015 Series A Bonds	May 1, 2016
May 1, 2016	2016 Series A Bonds	August 1, 2017
August 1, 2017	2017 Series B Bonds	May 1, 2018
May 1, 2018	2018 Series A Bonds	February 1, 2019
February 1, 2019	2019 Series A and B Bonds	February 1, 2020
February 1, 2020	2020 Series A and B Bonds	March 1, 2021
April 1, 2020	2020 Series C Bonds	March 1, 2021
March 1, 2021	2021 Green Series A and B Bonds	February 1, 2022
February 1, 2022	2022 Series A and Green Series B Bonds	March 1, 2023
March 1, 2023	2023 Series A and B Bonds	May 1, 2023

(a) See Supplemental Indenture dated as of July 1, 1970 for Interstate Commerce Commission filing and recordation information.

(b) See Supplemental Indenture dated as of May 1, 1953 for Secretary of State of Michigan filing information.

(c) See Supplemental Indenture dated as of May 1, 1974 for County of Genesee, Michigan recording and filing information.

(d) Recording and filing information for this Supplemental Indenture has not been set forth in a subsequent Supplemental Indenture.

**RECORDING AND FILING OF
SUPPLEMENTAL INDENTURE
DATED AS OF MAY 1, 2023.**

Further, pursuant to the terms and provisions of the Original Indenture, a Supplemental Indenture dated as of May 1, 2023 providing for the terms of bonds to be issued thereunder of 2023 Series DT has heretofore been entered into between the Company and the Trustee and has been filed in the Office of the Secretary of State of Michigan as a financing statement on June 2, 2023 (Filing No. 20230602000642-7), has been filed and recorded in the Office of the Surface Transportation Board on June 12, 2023 (Recordation No. 5485-VVVVV), and has been recorded as a real estate mortgage in the offices of the respective Register of Deeds of certain counties in the State of Michigan, as follows:

<u>COUNTY</u>	<u>RECORDED</u>	<u>LIBER/</u> <u>INSTRUMENT NO.</u>	<u>PAGE</u>
Delta County Michigan	6/2/2023	1368	675
Genesee County Michigan	6/1/2023	202306010034890	--
Gratiot County Michigan	6/2/2023	2023R-00601	--
Huron County Michigan	6/2/2023	1817	311

Ingham County Michigan	6/1/2023	2023-028198	--
Isabella County Michigan	6/7/2023	1901	1581
Lapeer County Michigan	6/2/2023	3352	288
Lenawee County Michigan	6/2/2023	2655	0605
Livingston County Michigan	6/2/2023	2023R-010069	--
Macomb County Michigan	6/2/2023	29152	38
Mason County Michigan	6/2/2023	2023R02723	--
Midland County Michigan	6/2/2023	01665	00557
Monroe County Michigan	6/2/2023	2023R08456	--
Montcalm County Michigan	6/2/2023	2023R-05436	--
Oakland County Michigan	6/6/2023	58649	702
Saginaw County Michigan	6/2/2023	2023013362	--
Sanilac County Michigan	6/2/2023	1558	23
St. Clair County Michigan	6/2/2023	5626	471
Tuscola County Michigan	6/2/2023	01532	01027-01058
Washtenaw County Michigan	6/1/2023	5522	385

**RECORDING OF CERTIFICATES
OF PROVISION FOR PAYMENT.**

Certificates of Provision for Payment have been recorded in the offices of the respective Registers of Deeds of certain counties in the State of Michigan, with respect to all bonds of Series A, B, C, D, E, F, G, H, K, L, M, O, W, BB, CC, DDP Nos. 1 and 2, FFR Nos. 1-3, GGP Nos. 1 and 2, IIP No. 1, JJP No. 1, KKP No. 1, LLP No. 1 and GGP No. 8.

PART IV.**THE TRUSTEE.****TERMS AND CONDITIONS OF
ACCEPTANCE OF TRUST BY
TRUSTEE.**

The Trustee hereby accepts the trust hereby declared and provided, and agrees to perform the same upon the terms and conditions in the Original Indenture, as amended to date and as supplemented by this Supplemental Indenture, and in this Supplemental Indenture set forth, and upon the following terms and conditions:

The Trustee shall not be responsible in any manner whatsoever for and in respect of the validity or sufficiency of this Supplemental Indenture or the due execution hereof by the Company or for or in respect of the recitals contained herein, all of which recitals are made by the Company solely.

PART V.**MISCELLANEOUS.****CONFIRMATION OF SECTION
318(c) OF TRUST INDENTURE ACT.**

Except to the extent specifically provided therein, no provision of this Supplemental Indenture or any future supplemental indenture is intended to modify, and the parties do hereby adopt and confirm, the provisions of Section 318(c) of the Trust Indenture Act which amend and supersede provisions of the Indenture in effect prior to November 15, 1990.

EXECUTION IN COUNTERPARTS.

THIS SUPPLEMENTAL INDENTURE MAY BE SIMULTANEOUSLY EXECUTED IN ANY NUMBER OF COUNTERPARTS, EACH OF WHICH WHEN SO EXECUTED SHALL BE DEEMED TO BE AN ORIGINAL; BUT SUCH COUNTERPARTS SHALL TOGETHER CONSTITUTE BUT ONE AND THE SAME INSTRUMENT.

TESTIMONIUM.

IN WITNESS WHEREOF, DTE ELECTRIC COMPANY AND THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A. HAVE CAUSED THESE PRESENTS TO BE SIGNED IN THEIR RESPECTIVE CORPORATE NAMES BY THEIR RESPECTIVE CHAIRMEN OF THE BOARD, PRESIDENTS, VICE PRESIDENTS, ASSISTANT VICE PRESIDENTS, TREASURERS OR ASSISTANT TREASURERS, ATTESTED BY THEIR RESPECTIVE SECRETARIES OR ASSISTANT SECRETARIES, ALL AS OF THE DAY AND YEAR FIRST ABOVE WRITTEN.

[Remainder of this page intentionally left blank]

EXECUTION BY
COMPANY.

DTE ELECTRIC COMPANY

By: /s/Christopher J. Allen
Name: Christopher J. Allen
Title: Vice President and Treasurer

Attest:

By: /s/Keri-anne Marshall Sarah M. Bello

Name: Sarah M. Bello
Name: Keri-anne Marshall

Its: Senior Trust Officer Title: Assistant Corporate Secretary

Signed sealed, acknowledged and delivered by
delivered by CITIBANK, N.A. DTE ELECTRIC COMPANY
in the presence of:

/s/Eva Waite David S. Maquera

Name: Eva Waite David S. Maquera

/s/Nerlie Delly Daniel T. Richards

Name: Nerlie Delly Daniel T. Richards

STATE OF MICHIGAN

)
) SS
)

COUNTY OF WAYNE

State
of
New
York

} **ACKNOWLEDG- MENT OF
EXECUTION BY COMPANY.**

On this 28th
day of
February
2024, before
me, the
subscriber, a
Notary Public
within and for
the County of
Wayne, in the
State of
Michigan,
acting in the
County of
Wayne,
personally
appeared
Christopher J.
Allen, to me
personally
known, who,
being by me

being by me
duly sworn,
did say that
he does
business at
One Energy
Plaza, Detroit,
Michigan
48226 and is
the Vice
President and
Treasurer of
ss.
DTE
ELECTRIC
COMPANY,
one of the
corporations
described in
and which
executed the
foregoing
instrument;
and that said
instrument
was signed in
behalf of said
corporation by
authority of its
Board of
Directors and
that he
subscribed his
name thereto
by like
authority; and
said
Christopher J.
Allen
acknowledged
said
instrument to
be the free act
and deed of
said
corporation.

(Notarial Seal)

}

/s/Elizabeth E.
Kochevar
Elizabeth E.
Kochevar
Notary Public,
Wayne
County, of
New York MI
Acting in
Wayne
My
Commission
Expires:
November 16,
2029

The foregoing instrument was acknowledged before me this 4th day of October, 2023, by Keri-anne Marshall, as Senior Trust Officer of Citibank, N.A., a national banking association, on behalf of the association, as Trustee, as in said instrument described.

/s/Peter J. Lopez EXECUTION BY

Peter J. Lopez TRUSTEE.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: /s/Agnes S. Leung

Name: Agnes S. Leung

Title: Vice President

Notary Public, State of New York Attest:

No. 01LO6117957

Qualified in Suffolk County

Acting in New York County, NY

By: /s/Neelham H. Jan

Certificate Filed in New York County Name: Neelham H. Jan

Commission Expires: 11/1/2024 Title: Vice President

This instrument was drafted by:

Choi Portis

DTE Energy

One Energy Plaza, 1610 WCB
Detroit, MI 48226

When recorded return to:

Choi Portis

DTE Energy

One Energy Plaza, 1610 WCB
Detroit, MI 48226

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Exhibit 10.1

EXECUTION VERSION

AMENDMENT NO. 1

TO

FIFTH AMENDED AND RESTATED FIVE-YEAR CREDIT AGREEMENT

THIS AMENDMENT NO. 1 TO FIFTH AMENDED AND RESTATED FIVE-YEAR CREDIT AGREEMENT (this "Amendment") is made as of October 25, 2023, by and among DTE ENERGY COMPANY (the "Borrower"), the lenders listed on the signature pages hereof (the "Lenders"), and CITIBANK, N.A. ("Citibank"), as Administrative Agent (the "Administrative Agent"), under that certain Fifth Amended and Restated Five-Year Credit Agreement, dated as of October 25, 2022, by and among the Borrower, the lenders from time to time parties thereto and the Administrative Agent (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"). Capitalized terms used but not otherwise defined herein shall have the meanings given to them in the Credit Agreement.

WITNESSETH

WHEREAS, the Borrower, the Lenders and the Administrative Agent are parties to the Credit Agreement;

WHEREAS, the Borrower has requested that the Administrative Agent and the Lenders amend the Credit Agreement on the terms and conditions set forth herein; and

WHEREAS, the Borrower, the Administrative Agent and the Lenders have agreed to amend the Credit Agreement on the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the premises set forth above, the terms and conditions contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto have agreed to the following:

1. Amendments to the Credit Agreement. Effective as of October 25, 2023 (the "Amendment Effective Date") and subject to the satisfaction of the conditions precedent set forth in Section 3 below, the Credit Agreement is hereby amended as follows:

1.1. Section 1.01 of the Credit Agreement is hereby amended to insert the following new definition alphabetically therein:

"Convertible Debt" means Debt that is either (a) convertible into equity (and cash in lieu of fractional shares) and/or cash (in an amount determined by reference to the price of such equity) or (b) sold as units with call options, warrants or rights to purchase (or substantially equivalent derivative transactions) that are exercisable for equity and/or cash (in an amount determined by reference to the price of such equity).

1.2. Section 6.01 (d) of the Credit Agreement is hereby amended and restated in its entirety as follows:

(d) The Borrower or any of its Significant Subsidiaries shall fail to pay any principal of or premium or interest on any Debt that is outstanding in a principal or notional amount of at least \$100,000,000 in the aggregate (but excluding Debt outstanding hereunder and Nonrecourse Debt) of the Borrower or such Significant Subsidiary (as the case may be), when the same becomes due and payable (whether by scheduled maturity, required prepayment, acceleration, demand or otherwise), and such failure shall continue after the applicable grace period, if any, specified in the agreement or instrument relating to such Debt; or any other event shall occur or condition shall exist under any agreement or instrument relating to any such Debt and shall continue after the applicable grace period, if any, specified in such agreement or instrument, if the effect of such event or condition is to accelerate, or to permit the acceleration of, the maturity of such Debt; or any such Debt shall be declared to be due and payable, or required to be prepaid or redeemed (other than by a regularly scheduled required prepayment or redemption), purchased or defeased, or an offer to prepay, redeem, purchase or defease such Debt shall be required to be made, in each case prior to the stated maturity thereof; provided, however, that none of the following events will, in and of themselves, be an Event of Default under this Section 6.01(d): (x) the occurrence of any customary event or condition that vests the right of any holder of Convertible Debt to submit any Convertible Debt for conversion, exchange or exercise in accordance with its terms; or (y) any actual conversion, exchange or exercise of any Convertible Debt in accordance with its terms, unless, in each case of clauses (x) and (y), such occurrence, conversion, exchange or exercise results from a default under such Convertible Debt or an event of the type that constitutes (or, with notice or passage of time, would constitute) an Event of Default; or

2. Conditions of Effectiveness. This Amendment shall become effective as of the Amendment Effective Date upon (i) the Administrative Agent's receipt of (a) duly executed counterparts of the signature pages hereof by each of the Borrower, Lenders constituting Required Lenders and the Administrative Agent and (b) such other documents, instruments and agreements as the Administrative Agent shall reasonably request and (ii) the Borrower's payment of all fees and reasonable expenses due and payable to the Administrative Agent, the Required Lenders and any Arranger on the Amendment Effective Date, including, to the extent invoiced, reimbursements or payment of all out-of-pocket expenses required to be reimbursed or paid by the Borrower under the Credit Agreement, if any.

3. Representations and Warranties and Reaffirmations of the Borrower.

3.1. The Borrower hereby represents and warrants that (i) this Amendment and the Credit Agreement as previously executed and as modified hereby constitute legal, valid and binding obligations of the Borrower and are enforceable against the

Borrower in accordance with their terms (except as enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting the enforcement of creditors' rights generally), and (ii) no Default or Event of Default has occurred and is continuing.

3.2. Upon the effectiveness of this Amendment and after giving effect hereto, the Borrower hereby reaffirms all covenants, representations and warranties made in the Credit Agreement as modified hereby, and agrees that all such covenants, representations and warranties shall be deemed to have been remade as of the Amendment Effective Date, except that any such covenant, representation, or warranty that was made as of a specific date shall be considered reaffirmed only as of such date.

4. Reference to and Effect on the Credit Agreement.

4.1. Upon the effectiveness of Section 1 hereof, on and after the date hereof, each reference in the Credit Agreement (including any reference therein to "this Credit Agreement," "this Agreement," "hereunder," "hereof," "herein" or words of like import referring thereto) or in any other Loan Document shall mean and be a reference to the Credit Agreement as modified hereby.

4.2. Except as specifically modified above, the Credit Agreement and all other documents, instruments and agreements executed and/or delivered in connection therewith shall remain in full force and effect, and are hereby ratified and confirmed.

4.3. The execution, delivery and effectiveness of this Amendment shall not operate as a waiver of any right, power or remedy of the Administrative Agent or any Lender, nor constitute a waiver of any provision of the Credit Agreement or any other documents, instruments and agreements executed and/or delivered in connection therewith.

4.4. Upon satisfaction of the conditions set forth in Section 2 hereof and the execution hereof by the Borrower, Lenders constituting Required Lenders and the Administrative Agent, this Amendment shall be binding upon all parties to the Credit Agreement.

4.5. This Amendment shall constitute a Loan Document.

5. GOVERNING LAW. THIS AMENDMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK.

6. Headings. Section headings in this Amendment are included herein for convenience of reference only and shall not constitute a part of this Amendment for any other purpose.

7. Counterparts. This Amendment may be executed by one or more of the parties to this Amendment on any number of separate counterparts and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by telecopy, e-mailed .pdf or any other electronic means that reproduces an image of the actual executed signature page shall be effective as delivery of a manually executed counterpart of this Amendment. The words "execution," "signed," "signature," "delivery," and words of like import in or relating to any document to be signed in connection with this Amendment and the transactions contemplated hereby shall be deemed to include Electronic Signatures, deliveries or the keeping of records in electronic form, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be, to the extent and as provided for in any applicable law, including the Federal Electronic Signatures in Global and National Commerce Act, the New York State Electronic Signatures and Records Act, or any other similar state laws based on the Uniform Electronic Transactions Act.

8. Sections 8.11 and 8.12 of the Credit Agreement are hereby incorporated by reference into this Amendment and shall apply hereto mutatis mutandis.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, this Amendment has been duly executed as of the day and year first above written.

STATE OF TEXAS

DTE
ENERGY
COMPANY,
as the)
Borrower) SS

COUNTY OF HARRIS

)

By:
[REDACTED] ACKNOWLEDGMENT
OF EXECUTION BY TRUSTEE.

On this 22nd day of February 2024, before me, the subscriber, a Notary Public within and for the State of Texas, personally appeared Agnes S. Leung, A Vice President, to me personally known, or proved to me on the basis of satisfactory identification and who, being by me duly sworn, did say that her business office is located at 601 Travis Street, 16th Floor, Houston, TX 77002, and she is an Authorized Officer of THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A., one of the corporations described in and which executed the foregoing instrument; and that said instrument was signed in behalf of said corporation by authority of its Board of Directors and that she subscribed her name thereto by like authority; and said Vice President acknowledged said instrument to be the free act and deed of said corporation.

Name:
Title:

(Notarial Seal)

/s/April Michelle Bradley
April Michelle Bradley
Notary ID #133238619
My Commission Expires
July 28, 2025

Signature Page to Amendment No. 1 to Fifth Amended and Restated Five-Year Credit Agreement
DTE Energy Company

STATE OF MICHIGAN

CITIBANK, N.A., as Administrative
Agent
and as a Lender

)
COUNTY OF WAYNE

By: _____ SS

Name:
Title:)

Signature Page to Amendment No. 1 to Fifth Amended and Restated Five-Year Credit Agreement
DTE Energy Company

[REDACTED], as a
Lender

By:
Name:
Title:

AFFIDAVIT AS
TO
CONSIDERATION
AND GOOD
FAITH.

Christopher J. Allen, being duly sworn, says: that he is the Vice President and Treasurer of DTE ELECTRIC COMPANY, the Mortgagor named in the foregoing instrument, and that he has knowledge of the facts in regard to the making of said instrument and of the consideration therefor; that the consideration for said instrument was and is actual and adequate, and that the same was given in good faith for the purposes in such instrument set forth.

By:
/s/Christopher
J. Allen
Name:
Christopher J.
Allen
Title: Vice
President and
Treasurer

Sworn to
before me
this 28th day
of February
2024

(Notarial Seal)

/s/Elizabeth
E. Kochevar
Elizabeth E.
Kochevar
Notary Public,
Wayne
County, MI
Acting in
Wayne
My
Commission
Expires:
November
16, 2029

This instrument was drafted by:
Daniel T. Richards, Esq.
One Energy Plaza
1610 WCB
Detroit, Michigan 48226

When recorded return to:
Daniel T. Richards, Esq.
One Energy Plaza
1610 WCB
Detroit, Michigan 48226

Signature Page to Amendment No. 1 to Fifth Amended and Restated Five-Year Credit Agreement
DTE Energy Company 43

FORM 10-Q CERTIFICATION

I, Gerardo Norcia, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of DTE Energy Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over 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 registrant'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; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant'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 registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/S/ GERARDO NORCIA

Gerardo Norcia

Chairman and Chief Executive Officer of DTE Energy Company

Date: November 1, 2023 April 25, 2024

FORM 10-Q CERTIFICATION

I, David Ruud, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of DTE Energy Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

- b. Designed such internal control over 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 registrant'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; and
- d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant'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 registrant's ability to record, process, summarize and report financial information; and
- b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/S/ DAVID RUUD

Date: November 1, 2023 April 25, 2024

David Ruud
Executive Vice President and
Chief Financial Officer of DTE Energy Company

Exhibit 31.3

FORM 10-Q CERTIFICATION

I, Gerardo Norcia, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of DTE Electric Company;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over 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 registrant'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; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant'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 registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Exhibit 31.4

FORM 10-Q CERTIFICATION

I, David Ruud, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of DTE Electric Company;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over 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 registrant'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; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant'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 registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Exhibit 32.1

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of DTE Energy Company (the "Company") for the quarter ended September 30, 2023 March 31, 2024, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Gerardo Norcia, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

(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 results of operations of the Company.

Date: **November 1, 2023** April 25, 2024

/S/ GERARDO NORCIA

Gerardo Norcia
Chairman and Chief Executive Officer
of DTE Energy Company

A signed original of this written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

Exhibit 32.2

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of DTE Energy Company (the "Company") for the quarter ended **September 30, 2023** **March 31, 2024**, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, David Ruud, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

(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 results of operations of the Company.

Date: **November 1, 2023** April 25, 2024

/S/ DAVID RUUD

David Ruud
Executive Vice President and
Chief Financial Officer
of DTE Energy Company

A signed original of this written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

Exhibit 32.3

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of DTE Electric Company (the "Company") for the quarter ended **September 30, 2023** **March 31, 2024**, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Gerardo Norcia, certify, pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

(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 results of operations of the Company.

Date: **November 1, 2023** April 25, 2024

/S/ GERARDO NORCIA

Gerardo Norcia
Chief Executive Officer of DTE Electric Company

A signed original of this written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

Exhibit 32.4

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report on Form 10-Q of DTE Electric Company (the "Company") for the quarter ended **September 30, 2023** **March 31, 2024**, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, David Ruud, certify, pursuant to 18 U.S.C. Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

- (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 results of operations of the Company.

Date: **November 1, 2023** **April 25, 2024**

/S/ DAVID RUUD

David Ruud
Executive Vice President and
Chief Financial Officer
of DTE Electric Company

A signed original of this written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

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