

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form 6-K REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934 For the month of January 2025 Commission File Number: 001-15214 TransAlta Corporation (Translation of registrant's name into English) 1400, 1100 - 1st Street S.E. (Address of principal executive office) Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F [] Form 40-F [X] SIGNATURES Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. TransAlta Corporation (Registrant) Date: January 16, 2025 /s/ Joel Hunter Joel Hunter Executive Vice President Finance and Chief Financial Officer EXHIBIT INDEX Exhibit Number Description 99.1 TransAlta to Host Fourth Quarter and Full Year 2024 Results Conference Call Edgar Filing EXHIBIT 99.1 TransAlta to Host Fourth Quarter and Full Year 2024 Results Conference Call CALGARY, Alberta, Jan. 16, 2025 (GLOBE NEWSWIRE) -- TransAlta Corporation (TransAlta) (TSX:TA) (NYSE:TAC) will release its fourth quarter and full year 2024 results before markets open on Thursday, February 20, 2025. A conference call and webcast to discuss the results will be held for investors, analysts, members of the media and other interested parties the same day beginning at 9:00 a.m. Mountain Time (11:00 a.m. ET). Fourth Quarter and Full Year 2024 Conference Call: Webcast link: <https://edge.media-server.com/mmc/p/zd49obg6> To access the conference call via telephone, please register ahead of time using the call link below: <https://register.vevent.com/register/BI5c12d9a2da0e4e06892f413e217f0350>. Once registered, participants will have the option of 1) dialing into the call from their phone (via a personalized PIN); or 2) clicking the "Call Me" option to receive an automated call directly to their phone. Related materials will be available on the Investor Centre section of TransAlta's website at <https://transalta.com/investors/presentations-and-events/>. If you are unable to participate in the call, the replay will be accessible at <https://edge.media-server.com/mmc/p/zd49obg6>. A transcript of the broadcast will be posted on TransAlta's website once it becomes available. About TransAlta Corporation: TransAlta owns, operates and develops a diverse fleet of electrical power generation assets in Canada, the United States and Australia with a focus on long-term shareholder value. TransAlta provides municipalities, medium and large industries, businesses and utility customers with affordable, energy efficient and reliable power. Today, TransAlta is one of Canada's largest producers of wind power and Alberta's largest producer of thermal generation and hydro-electric power. For over 113 years, TransAlta has been a responsible operator and a proud member of the communities where we operate and where our employees work and live. TransAlta aligns its corporate goals with the UN Sustainable Development Goals and the Future-Fit Business Benchmark, which also defines sustainable goals for businesses. Our reporting on climate change management has been guided by the International Financial Reporting Standards (IFRS) S2 Climate-related Disclosures Standard and the Task Force on Climate-related Financial Disclosures (TCFD) recommendations. TransAlta has achieved a 66 per cent reduction in GHG emissions or 21.3 million tonnes CO2e since 2015 and received an upgraded MSCI ESG rating of AA. For more information about TransAlta, visit its website at transalta.com. Note: All financial figures are in Canadian dollars unless otherwise indicated. For more information: Investor Inquiries: Media Inquiries: Phone: 1-800-387-3598 in Canada and U.S. Phone: 1-855-255-9184 Email: investor_relations@transalta.com Email: ta_media_relations@transalta.com