

Vedanta reports 2.6 billion units of renewable energy use in FY25



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During the first quarter of FY26, Vedanta consumed close to 85 crore units, or 850 million units, of renewable energy.

Vedanta Limited announced on Wednesday that it utilised more than 260 crore units, or 2.6 billion units (BU), of renewable energy in FY25. This is enough to power nearly 20 lakh Indian households for a year. In FY24, the company used 160 crore units, or 1.6 BU, marking a 1.6 times increase in renewable energy consumption. The announcement comes on Akshay Urja Diwas which the Ministry of New and Renewable Energy observes every year on August 20 to promote awareness of renewable sources such as solar, wind and hydro. During the first quarter of FY26, Vedanta consumed close to 85 crore units, or 850 million units, of renewable energy.

Expansion of renewable capacity

Vedanta has signed renewable energy power delivery agreements for 1.9 GW of installed capacity, which is expected to become operational in the coming years, the company said in a statement. Its subsidiaries Hindustan Zinc Limited and Bharat Aluminium Company Limited (BALCO) have started receiving renewable energy for operations. Hindustan Zinc

also produces renewable energy and operates 273.5 MW of wind capacity across five states.

The company used 6.5 lakh gigajoules (GJ) of biomass energy in FY25, equivalent to the annual electricity needs of nearly 50,000 Indian homes. Talwandi Sabo Power Limited (TSPL), a Vedanta subsidiary, has facilitated the establishment of Punjab's largest torrefied bio-pellets manufacturing unit near its 1,980 MW plant in Mansa.

Carbon reduction initiatives

Vedanta's decarbonisation strategy includes renewable energy scale-up, low-carbon fuels, energy efficiency and carbon offsets. The company has produced low-carbon aluminium under the Restora and Restora Ultra brands, and zinc under the EcoZen brand.

The company said it has mitigated 28 million tonnes of carbon emissions over the past three years, equivalent to the carbon dioxide absorbed by more than one billion trees annually. Its aluminium and zinc portfolios are Environmental Product Declaration (EPD) verified, offering data on environmental footprint.