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Hindustan Zinc to transition to renewables for 70% of total power requirements

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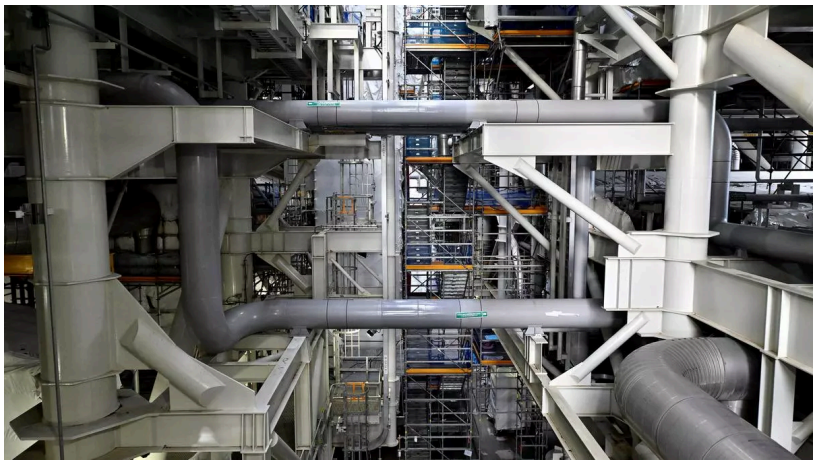
BY BL NEW DELHI BUREAU



Hindustan Zinc has turned to energy efficiency initiatives such as upgrade of existing infrastructure and transitioning from conventional fuels to cleaner alternatives like piped natural gas. | Photo Credit:

Hindustan Zinc, the country's largest integrated zinc and silver producer, on Tuesday said, by 2027 nearly 70 per cent of the power requirements – across mining

activities, mines, processing and other purposes - will be met through renewables.

In order to execute these plans, the company is ramping up its renewable power delivery agreement from 450 MW to 530 MW - up over 17 per cent - thereby increasing capacity to source round-the-clock.

The addition of this new capacity will have a strong place in the reduction of carbon emissions, the company said in a media statement.

Hindustan Zinc has achieved significant energy savings of over 0.8 million gigajoules (GJ) in FY24, equivalent to powering approximately 70,000 households for a year, through various energy efficiency initiatives such as upgrade of existing infrastructure and transitioning from conventional fuels to cleaner alternatives like piped natural gas.

“This strategic focus on reducing reliance on traditional energy sources has also led to 14 per cent

reduction in greenhouse gas (GHG) emissions intensity compared to 2020 levels, all while increasing production volumes," the statement added.

According to Priya Agarwal Hebbar, Chairperson, Hindustan Zinc, the development of renewable power supply up to 530 MW is in line with the company's mission "to be net zero by 2050 or sooner".

"We are committed to adopting renewable energy sources, optimising resource use and investing in innovative technologies that align with global climate action goals," she said."

Some of the investments it has made in energy efficiency projects include revamping of turbines at captive power plants, enhancement in cellhouse efficiencies, variable frequency drives installation, and shifting to piped natural gas in high-speed diesel.