

Greenzo to build green hydrogen plant for offtake by steel producer

Greenzo Energy has secured a \$6 million order to set up a 2.5 MW green hydrogen project integrated with a solar and water treatment plant in Karnataka. The offtaker is a steel producer.

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Greenzo Energy has secured a \$6 million order to set up a 2.5 MW green hydrogen project integrated with a solar and water treatment plant for a steel producer in Karnataka. Its scope of work entails the comprehensive commissioning and testing of a 2.5 MW alkaline electrolyzer integrated with the solar plant.

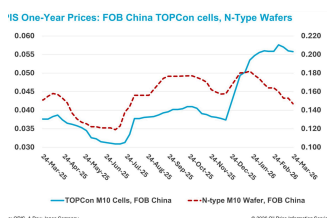
Sandeep Agarwal, founder of Greenzo Energy India, told pv magazine, these plants will be executed in Hospet, Karnataka, near the steel plant. The electrolyzer will be made in India at Greenzo Energy's Sanad factory in Gujarat. Notably, the company is setting up an electrolyzer manufacturing unit with a capacity of 250 MW per year, at Sanad.

The water treatment plant will be set up not only for hydrogen generation but also for recycling of water to feed back after purification to the steel mill cooling applications.

"Tailored specifically for the steel plant, the project will adopt a holistic approach towards sustainability, encompassing renewable power, green hydrogen production, industrial-grade oxygen provision, and advanced water purification technologies. By embracing renewable hydrogen as a viable alternative to conventional fossil fuels, Greenzo Energy endeavours to substantially reduce the carbon footprint associated with steel production," said Agarwal.

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