

L&T Press Release

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L&T Energy GreenTech to Establish India's Largest Green Hydrogen Plant

Mumbai, July 21, 2025: L&T Energy GreenTech Ltd (LTEG), a wholly-owned subsidiary of Larsen & Toubro (L&T), will set up India's largest green hydrogen plant at Indian Oil Corporation Ltd's (IOCL) Panipat Refinery in Haryana.

The plant, to be developed on a build-own-operate (BOO) basis, will supply 10,000 tonnes of green hydrogen annually to IOCL for 25 years, supporting Government of India's National Green Hydrogen Mission.

The plant will operate round the clock using renewable energy, aligning with IOCL's broader strategy to decarbonise its refining operations and contribute to India's net-zero ambitions. It will produce the green hydrogen using high-pressure alkaline electrolyzers manufactured at L&T Electrolyzers Ltd's state-of-the-art facility in Hazira, Gujarat.

The initiative marks a significant milestone in India's energy transition and reinforces L&T's leadership in delivering sustainable, scalable clean energy infrastructure. With this development, LTEG becomes a pioneer in India's green hydrogen ecosystem, setting a precedent for industrial-scale adoption across refineries, fertiliser plants, and other hard-to-abate sectors.

Commenting on this, **Mr Subramanian Sarma, Deputy Managing Director & President, L&T**, said: "The decision to set up India's maiden green hydrogen plant validates our strategy to lead the nation's energy transition. This long-term project not only deepens our partnership with IOCL but also reinforces our capability to deliver large-scale clean energy solutions. As a first mover in India's green hydrogen space, we are proud to lay the foundation for cleaner industrial processes at scale."

Complementing him, **Mr Derek Shah, Head - Green Manufacturing & Development, L&T**, added: "This project reflects our end-to-end green energy capabilities – from electrolyser manufacturing to execution and operation. With cutting-edge technology and a skilled team, we are confident of delivering a high-performance, zero-emission plant that sets new industry benchmarks. The initiative also supports India's *Aatmanirbhar Bharat* mission by deploying indigenously manufactured electrolyzers – central to self-reliant clean-tech solutions and long-term decarbonisation goals."

About L&T Energy GreenTech

L&T Energy GreenTech (LTEG), a wholly-owned subsidiary of the USD 30 billion Indian business conglomerate Larsen & Toubro, is dedicated to sustainable energy solutions, including green hydrogen, its derivatives, and electrolyser manufacturing. Centered on its three core business pillars – Development, Manufacturing, and EPC – LTEG offers integrated solutions across the green energy value chain through advanced technology, strategic partnerships and dedicated R&D.

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