

L&T Press Release

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L&T commissions first indigenously manufactured Hydrogen Electrolyser at Hazira

Mumbai, February 29, 2024: Larsen & Toubro (L&T) has achieved a significant milestone in the clean energy space by commissioning its first indigenously manufactured electrolyser at the Green Hydrogen Plant at A M Naik Heavy Engineering Complex in Hazira, Gujarat. This pioneering accomplishment signifies L&T Electrolysers Limited's foray into domestic electrolyser manufacturing, underscoring the company's steadfast dedication to propelling sustainable energy solutions.

Featuring a rated power capacity of 1 MW (expandable to 2 MW), this electrolyser can produce 200 Nm³/Hr of hydrogen. It is equipped with two stacks and an Electrolyser Processing Unit (EPU) ML-400, which is indigenously manufactured and assembled, adhering to the latest international standards, and offers exceptional flexibility and thermal stability. The electrolyser will now undergo rigorous testing in the coming weeks to optimise its performance, and in turn, paving the way for full-fledged manufacturing of electrolysers.

L&T Electrolysers has been allocated a significant 300 MW/annum capacity under the Production Linked Incentive (PLI) of the National Green Hydrogen Mission, launched by Government of India's Ministry of New and Renewable Energy (MNRE) and implemented by the Solar Energy Corporation of India (SECI). This allocation underscores L&T Electrolysers' potential to emerge as a key player in electrolyser manufacturing.

Background:

Larsen & Toubro is a USD 23 billion Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing, and Services. It operates in over 50 countries worldwide. A strong, customer -focused approach and the constant quest for top -class quality have enabled L&T to attain and sustain leadership in its major lines of business for eight decades.

About L&T Electrolysers:

L&T Electrolysers Limited, a subsidiary of Larsen & Toubro Limited, is at the forefront of manufacturing pressurized alkaline electrolysers. The company is committed to delivering innovative, sustainable, and reliable solutions in the field of green hydrogen production, contributing to a cleaner and greener future.

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