

L&T Press Release

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L&T flags off 700 MWe Reactor End-Shields to NPCIL ahead of schedule

Hazira (Surat, Gujarat), August 13, 2021: The heavy engineering arm of Larsen & Toubro, flagged-off the **Second End-Shield** for NPCIL's indigenously designed 700 MWe Pressurized Heavy Water Reactors (PHWR) to be set up at Gorakhpur Haryana Anu Vidyut Pariyojana (GHAVP) in Fatehabad district of Haryana. The flag-off ceremony took place at L&T's Hazira Manufacturing Complex in the presence of dignitaries from NPCIL and L&T.

These end shields form a crucial part of the pressurized heavy water nuclear power reactors (PHWRs) used to prevent the direct radiation field that comes from the reactor's core region. The manufacturing of End-Shields (9m in diameter weighing at 140 MT) involves Critical machining, Bi-Junction welding with stringent distortion control technology.

Mr. Anil V. Parab, Senior Vice President and Head, L&T Heavy Engineering said "We thank NPCIL for entrusting L&T with the opportunity to be part of India's nuclear power program since its inception. We are proud of delivering these critical equipment 3 months ahead of contractual delivery despite Covid-19 pandemic. L&T is fully committed to Honorable Prime Minister's vision of "Aatmanirbhar Bharat" to dispatch 12 Steam Generators awarded to us under the *10x700 MWe PHWR Fleet program*, well ahead of its schedule."

L&T Heavy Engineering dispatched the first 700 MWe Steam Generator for the GHAVP nuclear power project in March 2021, creating a new global benchmark in the nuclear manufacturing industry by producing the complex equipment in 36 months.

L&T Heavy Engineering supplies high technology reactors and systems to global companies in Refinery, Oil & Gas, Petrochemical, Fertilizer & Nuclear Power industries.

Background:

Larsen & Toubro is an 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.

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