

L&T Press Release

Issued by Corporate Brand Management & Communications

L&T House, 2nd Floor,
Ballard Estate, Mumbai 400 001
Tel: 91 22 6696 5271
Fax: 91 22 6696 5345
CIN: L99999MH1946PLC004768

L&T Construction Commissions India's first 765kV Gas Insulated Substation

Rajasthan's first 765kV Transmission line and largest 765kV Air Insulated Substation also commissioned

Mumbai, March 02, 2015: The Power Transmission and Distribution (PT&D) business of L&T Construction has executed and commissioned two benchmark projects in the country. The first being India's first 765 kV Gas Insulated Substation (GIS) in Pune, Maharashtra in partnership with Hyosung (Korea) and the other again a first of its kind 765 kV transmission line on EPC basis and a state-of-the-art 2x1500 MVA 765/400 kV Air Insulated Sub-station in Rajasthan.

The Gas Insulated Substation project is part of the transmission system associated with the Krishnapatinam UMPP to strengthen the grid connectivity through 765 kV Solapur S/S as well as to strengthen 400 kV power distribution in Western India. Among some of its standout features, it is the first GIS sub-station with an one and a half circuit breaker scheme in India, it possesses 3449 m of Gas Insulated Bus Ducts in a single substation and for the first time, pre-fabricated steel buildings were used for speeding up the construction process. The order was delivered in 14 months - much ahead of schedule.

The 765/400 kV capacity Air Insulated Substation commissioned and executed by PT&D on a turnkey basis is the largest in Rajasthan. The project will transmit power at 765 kV level from various generating stations and will also act as an interface for the national grid connection to the power grid substations in Gwalior and Bhiwani. The 765 kV transmission line built between Anta (Baran) - and Phagi (Jaipur) for the Rajasthan Rajya Vidhyut Prasaran Nigam Ltd is not only the first in the State but also the first transmission line stretched across 213 km on a single circuit line.

"We congratulate our customers, the Power Grid Corporation of India Limited and the Rajasthan Rajya Vidhyut Prasaran Nigam Ltd., on this achievement. One of the prime requisites for ramping up infrastructure development to get the economy back into growth mode is power and these projects show that we are moving in the right direction," said Mr. S.N. Subrahmanyam, Member of the Board and Senior Executive Vice President (Infrastructure & Construction). "I am also delighted that by setting such benchmarks, we are reinforcing our position of pre-eminence and showcasing our end-to-end capabilities in the area of power, transmission and distribution," he added.

There have been several green initiatives adopted by L&T while executing the project in Rajasthan. The designs of the substation buildings used energy efficient systems for illumination and air-conditioning. L&T also set up of a 500 kW integrated solar power plant to meet the substations auxiliary power requirements. A green belt of 800 sq. meters was created by planting 800 saplings and 14,000 sq.m of landscaping was developed in and around the project.

Background:

Larsen & Toubro is a major Indian multinational engaged in technology, engineering, construction, manufacturing and financial services, with global operations. Its products and systems are marketed in over 30 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 over seven decades.

* L&T Construction is a brand of Larsen & Toubro