



GE T&D India Limited

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The Manager  
Listing Department  
National Stock Exchange of India Ltd  
Exchange Plaza, Bandra Kurla Complex, Bandra (East)  
MUMBAI 400 051

**Code No. 522275**

**Symbol: GET&D**

Dear Sir,

Sub: **Press Release - GE T&D India to Augment Renewable Power Evacuation in Rajasthan**

Please find enclosed herewith Press Release titled – “GE T&D India to Augment Renewable Power Evacuation in Rajasthan”.

Thanking you,

Yours faithfully,

For GE T&D India Limited

Manoj Prasad Singh  
Company Secretary

Encl.: A/a



### GE T&D India to Augment Renewable Power Evacuation in Rajasthan

- GE wins 765-kiloVolt (kV) Gas-Insulated Substation (GIS) bay extension order from Power Grid Corporation of India Limited (PGCIL)
- Project will boost Phagi substation's transmission capacity and facilitate transmission of power from three large solar parks in Rajasthan

**New Delhi, February 06, 2020:** GE T&D India Limited (NSE: GET&D, BSE : 522275) announced today that it has been awarded a contract by the Power Grid Corporation of India Limited (PGCIL) for constructing 765-kiloVolt (kV) Gas-Insulated Substation (GIS) bays at Phagi in the Jaipur district of Rajasthan. This is GE's first 765 kV GIS order from PGCIL. The scope of the project includes the end-to-end commissioning of the GIS bays, including substation automation and relay panels. The bays will be an extension to the Rajasthan Rajya Vidyut Prasaran Nigam Limited's (RRVPNL) existing 765 kV substation at Phagi, which was also commissioned by GE earlier using Air Insulated Switchgear (AIS) technology.

The Phagi substation is a part of the transmission scheme that involves implementation of [Ajmer – Phagi 765 kV line](#), along with associated bays, to facilitate the evacuation of renewable energy getting generated in solar parks at Bhadla, Fatehpur and Bikaner to various beneficiaries. Once the 765 kV GIS bays are installed at Phagi, the state will be able to evacuate around 1000 megawatts (MW) of additional renewable energy from these solar plants. This will result in the effective utilization of more green energy by the state and lower reliance on coal as the source of power generation.

**Pitamber Shivnani, President & CEO, GE Grid Solutions South Asia** said, “GE T&D is proud to partner with the PGCIL, which is working consistently towards achieving the Indian government's target of 175 GW of renewable capacity by 2022. GE is committed to addressing the growing energy demand of Rajasthan, thereby contributing to the government's vision of providing 24/7 access and supply to all electricity consumers. As the contribution of renewable energy increases in the overall energy mix of the country, this Gas-Insulated Substation extension will further strengthen the grid evacuation infrastructure and improve electricity access for important demand centers in the state.”

[Rajasthan is a leader in renewable energy among Indian states and is aiming for 37.5 GW of renewable energy generation by 2025.](#) Of this amount, grid-connected solar projects are expected to account for 24 gigawatts; wind for about 4 GW and hybrid sources for the remaining generation. The efficient evacuation of this renewable energy requires the latest grid technology and infrastructure designed to easily integrate with the rapidly transforming national grid.

GE is executing several other substation projects in Rajasthan that are associated with the Green Energy Corridor Transmission System. These include an extension of a 765-kV AIS substation as well as a new 400 kV/220 kV Gas-Insulated Substation (GIS) at Bhuj. GE has also installed a 765-kV AIS substation in Bhadla Solar Park to evacuate power. The park is one of the largest solar parks in India spread over a total area of 40 square kilometers.

GE's GIS technology is one of the most advanced substation technologies in the world and requires up to 70% less land for installation compared with Air Insulated Substations (AIS). The technology will offer several benefits for Rajasthan's grid, including smarter networks, condition-based maintenance and greater load control to prevent outages. The equipment required to construct the substations, including the GIS, will be locally manufactured and supplied from GE Grid Solutions' state-of-the-art factories located at Padappai and Pallavaram in Chennai.

#### **About GE T&D India Limited:**

GE T&D is the listed entity of GE's Grid Solutions business in India. With over 100 years of presence in India, GE T&D India is a leading player in the Power Transmission & Distribution business - A product portfolio



## News Release

ranging from Medium Voltage to Ultra High Voltage (1200 kV) for Power Generation, Transmission and Distribution, Industry and Infrastructure markets.

GE T&D India has a predominant presence in all stages of the power supply chain and offers a wide range of products that include Power Transformers, Circuit Breakers, Gas Insulated Switchgears, Instrument Transformers, Substation Automation Equipment, Digital Software Solutions, Turnkey Solutions for Substation Engineering & Construction, Flexible AC Transmission Systems, High Voltage DC & Services suite of offerings. With 6 manufacturing sites, GE T&D India is future ready to meet the growing demands for equipment and services. GE is focused towards on introducing Green and Digital Solutions aimed towards making the Indian Grid smarter and environment friendly.

For media queries, please contact:

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