



## GE T&D India Limited

(formerly ALSTOM T&D India Limited)  
L31102DL1957PLC193993

T-5 & T-6, Plot I-14, Axis House,  
Jaypee Wishtown, sector-128,  
Noida-201304, Uttar Pradesh

T +91 120 5021500  
F +91 120 5021501

<https://www.ge.com/in/ge-td-india-limited>

March 13, 2019

The Secretary  
BSE Limited  
Phiroze Jeejeebhoy Towers  
Dalal Street  
MUMBAI 400 001

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 Limited to Modernize Rajasthan's Transmission Grid with First-of-Its-Kind Advanced Grid Management Project in India**

Please find enclosed herewith Press Release titled – “GE T&D India Limited to Modernize Rajasthan's Transmission Grid with First-of-Its-Kind Advanced Grid Management Project in India”.

Thanking you,

Yours faithfully,

For GE T&D India Limited

Manoj Prasad Singh  
Company Secretary

Encl.: A/a



### GE T&D India Limited to Modernize Rajasthan's Transmission Grid with First-of-Its-Kind Advanced Grid Management Project in India

- *Rajasthan becomes the first state to implement game-changing power transmission technology in India*
- *GE's Advanced Energy Management Systems (AEMS) will provide real-time data monitoring to better understand current and future energy usage and enable informed, proactive decisions about transmission of renewable energy*
- *Critical project will help in grid stabilization and efficiency improvement*

**New Delhi, INDIA – March 13, 2019** – GE T&D India today announced that it has been awarded a technology-driven grid modernization project by Rajasthan Rajya Vidyut Prasaran Nigam Limited (RRVPL) as part of the utility's roadmap to implement grid initiatives and augmenting renewable energy in the state, which will benefit the Rajasthan's population.

Smart Transmission Network and Asset Management System (STNAMS), RRVPL's state-of-the-art power transmission roadmap, was designed to integrate large-scale renewable energy and support managing existing and future power structure. A first by a state utility in India, the project investment totaling USD 21 million (Rs 150 crore) demonstrates the need for efficient, stable and secured operation of the grid.

The total installed power capacity of Rajasthan is around 21.6 GW, out of which 34% comes from renewable sources. The state plans to further increase solar and wind generation capacity to 14.3 GW by 2022. To support this focus on renewable energy, the state requires remote monitoring and grid stability.

GE's [Advanced Energy Management System \(AEMS\)](#) will serve as a foundation for RRVPL's roadmap and enable the utility to alter production levels based on demand. Part of GE's Digital Energy portfolio, the software will provide real-time data acquisition and a decision support system that will help in visualization and situational awareness of the transmission grid. The data displayed at RRVPL's Smart Grid Command and Control Centre will help in monitoring health of critical assets. The RRVPL-STNAMS project will also include software features of National Transmission Asset Management Centre (NTAMC) & Unified Real Time Dynamic State Measurement (URTDSM), both implemented by GE for Power Grid Corporation of India Limited and will strengthen monitoring of the entire grid system of Rajasthan.

Sunil Wadhwa, Managing Director, GE T&D India Limited and Leader of GE's Grid Solutions business in South Asia said, "The variable nature of renewable assets requires a fundamentally different approach to balance the supply and demand. Therefore, the grid of the future will require smarter, faster and more interoperable solutions to ensure resiliency, efficiency and security. India's renewable energy targets urgently require the state utilities to be able to make informed and accurate decisions for which advanced Smart Grid management systems will play a key role. GE's Advanced EMS is a critical tool to enable that decision making."

The RRVPL-STNAMS project will have 535 substations remotely connected to the three control centers: a main control center in Jaipur, a back-up control center in Jodhpur and an additional regional center in Ajmer – which will help in remote visualization of power flow and asset health. GE's Advanced EMS will help integrate large-scale renewable energy, make available [Wide Area Monitoring Systems](#) to avoid the instability in the transmission system operation, identify major areas contributing to transmission losses and undertake remedial action to reduce transmission losses. Additionally, GE's grid software solution will also provide remote operations and control of the



## News Release

substations and network, enabling existing technical workforce to focus on asset maintenance/management, grid monitoring and efficiency improvement-related work.

“We are delighted to partner with Rajasthan Rajya Vidyut Prasaran Nigam Limited to deliver a grid modernization solution in development over the past five years by GE’s software business and now undergoing implementation, for the first time, in a state utility. This digital innovation will help integrate renewable energy and optimize performance, thereby strengthen the monitoring of the entire grid network in Rajasthan,” added Wadhwa.

Deepak Pandey, Regional Service Leader for GE’s Grid Solutions said, “We are excited to have an opportunity to implement advanced grid technologies in the state, which to-date have only benefited the transmission sector at a national level. With the increase of renewable energy generation that will power the remaining 24% population of Rajasthan, our robust technology will help in the grid stabilization and efficiency improvement of power systems throughout the states.”

-ends-

### Notes to Editors:

#### 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 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 environmental friendly.

For media queries, please contact:

Tarun Nagrani  
GE Media Relations

Anshul Madaan  
Communications Leader – GE T&D India Limited