



GE T&D India Limited

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October 5, 2017

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MUMBAI 400 001

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

The Secretary
The Calcutta Stock
Exchange Limited
7, Lyons Range
KOLKATA 700 001

Code No. 522275

Symbol: GET&D

Code No. 17035

Dear Sir,

Sub: **Press Release - GE commissions Pole 2 of Champa-Kurukshetra HVDC link, an energy highway transmitting 3000 MW for the first time in India**

Please find enclosed herewith Press Release titled – “GE commissions Pole 2 of Champa-Kurukshetra HVDC link, an energy highway transmitting 3000 MW for the first time in India”.

This is for your information and records.

Thanking you,

Yours faithfully,
for GE T&D India Limited

Manoj Prasad Singh
Company Secretary



GE commissions Pole 2 of Champa-Kurukshetra HVDC link, an energy highway transmitting 3000 MW for the first time in India

- *First energy link in India transmitting 3000 MW of power through HVDC*
- *3000 MW power will be transmitted through 1,287 km energy highway transporting electricity from Champa in the Central-Eastern region of India to Kurukshetra in the North*
- *GE's first 800 kV Ultra High Voltage Direct Current project worldwide*

New Delhi, India – October 5, 2017 - Paving the way for reliable, safe and efficient access to energy in northern India, GE announced the successful completion of the first phase of the two-phased Champa-Kurukshetra HVDC project. Spearheaded by Power Grid Corporation of India Limited, the Champa-Kurukshetra link is transmitting power of upto 3000 MW which has been achieved for the first time in India. The 1,287 Km energy highway augments the inter-regional capacity between northern (NR) and western (WR) regions on India's power map and aims at improving power connectivity for an estimated 46% of India's population. The ambitious two phase project is a result of a partnership of approximately INR 3000 crores between the two companies.

The successful transmission of 1,500 MW of power on second pole of the 800 kV UHVDC HVDC Champa - Kurukshetra Transmission System in this month, marks the completion of the first phase transmitting 3000MW through HVDC Interconnector Transmission System for IPP Projects in Chhattisgarh. GE is also mandated upgrading the transmission with addition of second HVDC Bipole (CK-2) of 3000MW. The first pole of 1500 MW power was commissioned in March 2017.

Being executed in two phases, GE's first 800 kV UHVDC project worldwide will transport 6,000 MW of power upon full completion. The link aims to energize the demand centres of northern India by enabling states in the northern region such as Punjab, Haryana, Uttar Pradesh and Rajasthan to access power from generation projects coming up in Raigarh, Champa, and Raipur generation complex in Chhattisgarh.

India continues to be among the world's fastest-growing economies and will remain an important area of growth in world energy demand throughout the 2012–40 period. However, as per the estimates of the World Energy Outlook in 2016, 244 million people in India do not have access to electricity. One of the major reasons of this is because some of India's power surplus regions do not have adequate power evacuation infrastructure. As critical arteries of the power value chain, development of a robust transmission network is vital for the government's vision of 'Power for All'.

Noting the significance of the partnership with Power Grid, **Vishal Wanchoo, President & CEO of GE South Asia** said, *"The completion of this milestone follows the government's ambitious Saubhagya scheme to bring 'Power for All', particularly to rural areas. As India makes progress towards achieving sustainable, universal access to electricity, an efficient mix of conventional and renewable power, along with strengthening of the inter and intra-state power evacuation system is required. Partnerships such as the Champa-Kurukshetra HVDC project can serve as a model for taking the benefits of the digital grid to the masses."*

"Enabling affordable generation of electrical energy and helping people have reliable access to it, all over the world, is what GE strives for." said **Sunil Wadhwa, MD, GE T&D India Limited and Regional Head for Grid Solutions India and South Asia**, *"The project with Power Grid to deliver this 800 kV UHVDC connection transmitting 6000 MW from Central to Northern India in two phases, is an example of a steadfast collaborative initiative, that not only realizes the economic and environmental potential of the digital grid, but also aims to improve the lives of over half a billion people"*, he added.



This is also the first 800 kV scheme in the world to use dedicated metallic return conductors eliminating the need for ground electrodes and increasing the system's reliability. HVDC is the preferred solution for bulk electrical transmission over long distances. This system can transmit up to three times more power over long distances than traditional alternating current transmission. HVDC is also more efficient with lower losses than traditional AC transmission solutions. Traditional HVDC technologies use transmission voltages of up to 600 kV, while UHVDC has the capability to transmit at voltages of 800 kV and beyond.

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About GE

GE (NYSE: [GE](#)) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. www.ge.com

About GE T&D India Limited

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 3000+ employees and 6 manufacturing sites, GE T&D India is future ready to meet the growing demands for equipments and services. GE is focused towards on introducing Green and Digital Solutions aimed towards making the Indian Grid smarter and environmental friendly.

Web-link to Press Release

TBD

More information on HVDC can be found here:

<http://www.geenergyconnections.com/inspire/how-supergrid-could-make-world-lot-smaller-and-connected>

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