

Mumbai, March 16, 2021

Siemens commissions India's first HVDC link featuring state-of-the-art voltage-sourced converter technology

- **The ± 320 kilovolt (kV) HVDC system connects Pugalur in Tamil Nadu to Thrissur in Kerala**
- **Project supports Power Grid Corporation of India Ltd. (PGCIL) in ensuring reliable power supply in India's southern region and improving the grid stability**

Siemens Limited has commissioned India's first high-voltage direct current (HVDC) link featuring voltage-sourced converter (VSC) technology. The 2,000 megawatts (MW) electricity transmission system, consisting of two links between Pugalur in the state of Tamil Nadu and Thrissur in Kerala, supports Power Grid Corporation of India Ltd. (PGCIL) to counter power deficit in India's southern region and improve the grid stability. The ± 320 kilovolt (kV) HVDC system was realized by Siemens Limited in association with a consortium of Siemens Energy (Germany) and Sumitomo Electric Industries Ltd., Japan and features for the first-time the integration of High Voltage Direct Current XLPE Cable with overhead lines in India.

On February 19, 2021, the Hon'ble Prime Minister of India, Shri Narendra Modi officially inaugurated the link that has now been put into commercial operation and enables the exchange of electricity in both directions. Major HVDC equipment such as interface transformers and IGBT-based power converters, and other high & medium voltage AC equipment such as gas insulated switchgear, air insulated switchgear, control & relay panels etc. have been supplied from Siemens Limited's factories in India.

Gerd Deusser, Executive Vice President and Head, Energy, Siemens Limited, said, "We take great pride in partnering PGCIL in this landmark HVDC project. It supports the major initiatives of the Government to achieve '24x7 Power for all' in the country by ensuring reliable power supply, improving the grid's stability, and facilitating the efficient use of renewable energy. The project reinforces our purpose of driving the energy transition to more sustainable, reliable, and innovative systems."

Contact for journalists:

Siemens Limited, Media Relations

Praneet Mendon / Bijesh Kamath, phone: +91 22 6251 7000

E-mail: praneet.mendon@siemens.com / bijesh.kamath@siemens.com

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Siemens Limited focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process, discrete & hybrid manufacturing industries. The Company brings together the digital and physical worlds to benefit customers and society. It offers broad expertise across the entire energy value chain, along with a comprehensive portfolio for utilities, independent power producers, transmission system operators, the oil and gas industry, and other energy-intensive industries. With its products, solutions, systems, and services, it addresses the needs of energy transition, including storage and sector-coupling solutions. It is also a supplier and service provider of intelligent mobility solutions for rail, road and inter-modal transport for passenger and freight services. Siemens Limited is the flagship listed company of Siemens AG in India. As of September 30, 2020, Siemens Limited had Revenue from continuing operations of INR 9,581 crore and 9,258 employees. Further information is available on the Internet at www.siemens.co.in.

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