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Date

29th March, 2017

## Scrip Code-

BSE Ltd.

National Stock Exchange of India Ltd.: SIEMENS EQ BSE Ltd.: 500550

National Stock Exchange of India Ltd.

## Press Release

Dear Sirs,

Please find enclosed a Press Release issued by the Company, titled "Siemens and Sumitomo Electric win order for HVDC link."

Kindly take the same on record and acknowledge.

Yours faithfully,

For Siemens Limited

Ketan Thaker

Company Secretary

Encl.: a/a

**SIEMENS** 

**Press** 

Mumbai, March 29, 2017

Siemens and Sumitomo Electric win order for HVDC link

• Order won by consortium of Siemens and Sumitomo Electric Industries Ltd.

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

• Transmission link to support Government's Vision of 24x7 power for all

• Made in India: Siemens to leverage its strong local manufacturing presence

A consortium of Siemens and Sumitomo Electric Industries Ltd. has been awarded an order from Power Grid Corporation of India, the central transmission utility of India, to supply a high-voltage direct current (HVDC) transmission system. The total size of the order won by the consortium is US \$520 million, of which the share of Siemens Limited is approximately Rs 1,682 crore.

"The grid-augmentation project will go a long way in delivering reliable, uninterrupted power to the state of Kerala. This project further demonstrates Siemens' commitment to partner with the Government of India in its vision of delivering 24/7 power for all. The availability of reliable power transmission is key for India's sustainable progress. Most of the critical equipment for the project is being sourced from factories in India, renewing our commitment towards Make in India," said Sunil Mathur, Managing Director and Chief Executive Officer, Siemens Limited.

The about 200-kilometer-long HVDC connection will be India's first direct current link using voltage-sourced converter (VSC) technology. VSC is the latest innovation in HVDC technology offering a very stable and highly-flexible reactive power control independent of active power control and additional features to support the AC systems like blackstart capability. Furthermore, this solution is ideal to be combined with XLPE cable technology.

Siemens will be supplying two converter stations with two parallel converters, each rated 1000 Megawatts (MW), using its VSC HVDC technology while Sumitomo Electric will be responsible for XLPE HVDC cables in the DC circuit. The grid connection is scheduled to go into operation in the first half of 2020.

Siemens Ltd.

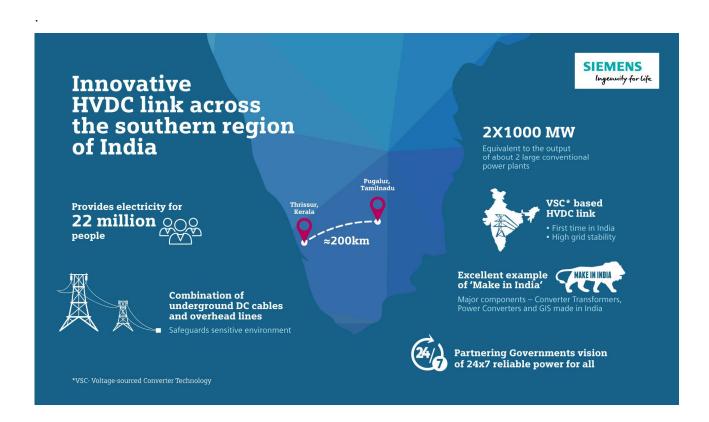
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Siemens Ltd. Press Release



The Pugalur-Thrissur ±320 kilovolt (kV) HVDC system will connect Pugalur in the southern state of Tamil Nadu to Thrissur in Kerala State in South-West India. The Thrissur converter station will be connected via underground XLPE HVDC cable to a transition station also being built by Siemens. Sumitomo Electric's DC-XLPE cable has unique characteristics among industries to maximize utilization of HVDC system, enabling normal operation temperature at 90 degree and polarity reversal operation, which is suitable for future hybrid system with bulk power overhead line. Sumitomo Electric will supply 128km XLPE HVDC cables comprising four cables for a route of 32km. From the converter station at Pugalur, power will be transmitted via an overhead line to the transition station. The Siemens scope of supply for the turnkey project encompasses design, engineering, supply, installation as well as commissioning and major equipment supplies of the complete HVDC stations, including converter valves, transformers, cooling systems and control and protection technology.

## **Contact for journalists:**

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Siemens Ltd. Press Release

Siemens Limited focuses on the areas of electrification, automation and digitalization. It is one of the leading producers of technologies for combined cycle turbines for power generation; power transmission and distribution solutions; infrastructure solutions for Smart Cities and transportation; automation and software solutions for industry, and also supplier of healthcare equipments. Siemens Ltd. has 21 factories located across India and a nation-wide sales and service network. Siemens Limited, in which Siemens AG holds 75% of the capital, is the flagship listed company of Siemens AG in India. As of September 30, 2016, Siemens Limited had Revenue of INR 108,089 million and 9,580 employees. Further information is available on the Internet at <a href="https://www.siemens.co.in">www.siemens.co.in</a>.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. The company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2016, which ended on September 30, 2016, Siemens generated revenue of €79.6 billion and net income of €5.6 billion. At the end of September 2016, the company had around 351,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

Sumitomo Electric Industries, Ltd. was established in 1897. Since then, based on electric wire and cable manufacturing technologies, we have conducted our original research and development and strenuously strived for the establishment of new businesses. These efforts have allowed us to create new products and new technologies, as well as diversify our business fields. Currently, we operate our businesses on a global basis in the following five segments: Automotive; Infocommunications; Electronics; Environment & Energy; and Industrial Materials. We have been contributing to society through environmental friendly and fair business activities globally. Further information is available here <a href="http://global-sei.com/">http://global-sei.com/</a>.

Forward-looking statements: "This document contains forward-looking statements based on beliefs of Siemens' management. The words 'anticipate', 'believe', 'estimate', 'forecast', 'expect', 'intend', 'plan', 'should', and 'project' are used to identify forward looking statements. Such statements reflect the company's current views with respect to the future events and are subject to risks and uncertainties. Many factors could cause the actual result to be materially different, including, amongst others, changes in the general economic and business conditions, changes in currency exchange rates and interest rates, introduction of competing products, lack of acceptance of new products or services, and changes in business strategy. Actual results may vary materially from those projected here. Siemens does not intend to assume any obligation to update these forward-looking statements."