SIEMENS

Energy Sector

Press

Mumbai, September 4, 2014

Siemens successfully delivers 1200kV CVT to National Test Station, Power Grid

- **Supply of Capacitive Voltage Transformer (CVT) for 1200kV National Test Station project at Bina (M.P.)**
- **Siemens earlier delivered the 1200kV Circuit Breaker and 1200kV Disconnectors for this project**

Siemens Limited today announced that it successfully delivered the 1200 kV capacitor voltage transformer (CVT) from Aurangabad works for ultra-high voltage National test station at PGCIL, Bina (Madhya Pradesh). The milestone further reinforces the commitment of Siemens to partner India's National Grid Agenda and to drive the country's energy mission.

Spanning over long distances and with a transmission capacity of 8000 megawatts (MW), the new 1200 kV system will have low transmission losses. PGCIL plans to move India's transmission system to 1200 kV, the highest capacity power transmission system voltage in the world, by year 2017. It has set up the test station at Bina through a unique public-private partnership where all ultra-high voltage equipment have been developed indigenously by a consortium of manufacturers based in India. Once live, the project would create a new milestone in India's power transmission segment, improving the efficiency of transmitting power over long distances – from energy generation centers to load centers.

"Siemens is committed to be a technology partner of choice for the nation's economic and industrial progress. The 1200 kV CVT that will form a part of the Power Grid Corporation of India's ultra-high voltage test station is yet another proof of this commitment. The roll-out of the project will deliver power to the length and breadth of the country without compromising on right-of-way, land and the environment," said Sunil Mathur, Chief Executive Officer, Siemens India.

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Reference number: CC/PR/24/ENERGY 09 2014

Siemens had earlier delivered the 1200 kV SF6 Circuit Breaker, from its manufacturing facility at Aurangabad and the 1200 kV Disconnectors manufactured in its Hyderabad facility.

The power transmission capacity of the 1200 kV line will be more than double as compared to the 800 kV line. This technology will make it possible to evacuate large amount of electric power from distant generating stations to load centers by interconnecting regional grids. The new 1200 kV system will need less than half the space used by the existing 800 kV system with fewer numbers of lines for transmitting the same power, thus reducing the land footprint and overall environmental impact.

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Siemens Ltd., in which Siemens AG holds 75% of the capital, is the flagship listed company of Siemens AG in India. Siemens in India including Siemens Ltd. comprises 13 legal entities (as of December 2013), is a leading powerhouse in electronics and electrical engineering with a business volume aggregating about Rs. 12,000 crore. It operates in the core business areas of Industry, Infrastructure & Cities, Energy and Healthcare. It has a nation-wide sales and service network, 23 manufacturing plants and employs about 18,500 people. Further information is available on www.siemens.co.in