

Press Release

Aurangabad, India

November 11, 2011

Siemens launches world's first 1200 kV SF₆ Circuit Breaker

Breakthrough in high-voltage product technology from Siemens India's manufacturing facility at Aurangabad

The Power Transmission Division of Siemens today announced the launch of the world's first 1200 kV SF₆ Circuit Breaker, from its manufacturing facility at Aurangabad. With the launch, Siemens reinforced its commitment to partner India's National Grid Agenda and to drive the country's energy mission.

India's growing economy needs an efficient power transmission system to meet the increasing demand for reliable and affordable power. With the 1200 kV system, India will leapfrog into a new transmission age that will contribute to the nation's economic growth, with an objective to bring electricity across the nation.

As an innovation-led technology leader, Siemens has opened up a new dimension in the high-voltage power transmission technology with the introduction of 1200 kV SF₆ Circuit Breaker. Spanning over long distances and with a transmission capacity of 8000 megawatts (MW), the new 1200 kV system will have low transmission losses.

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.

Siemens technology is creating new benchmarks in enabling efficient transmission of electricity.

Siemens Ltd.

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The 1200 kV Circuit Breaker was handed over to Shri. R. N. Nayak Chairman & MD, Power Grid Corporation of India Limited at Siemens manufacturing facility at Aurangabad.

Dr. Armin Bruck, Managing Director, Siemens Ltd., said while dedicating the 1200 kV SF₆ Circuit Breaker to the nation, “Siemens has always been known for pioneering innovation and technological leadership. The launch of the 1200 kV SF₆ Circuit Breaker is a significant milestone in this journey. Contributing towards sustainable development of the nation’s economy by enhancing efficiency of the power sector is at the top of our agenda.”

Mr. A. K. Dixit, CEO Energy Sector, Siemens Ltd., said, “With this technological advancement, power transmission over long distances will be more efficient while increasing the transmission capacity. Once installed, the 1200kV system will spare more land for alternative use.”

About Siemens Ltd.:

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 17 legal entities, 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, 20 manufacturing plants and employs about 17,500 people.

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