ABB commissions 765 kV substations in India

Substations to link generation hubs to load centers in Western and Central parts of the country

Bangalore, India, April 19, 2012 – ABB, the leading power and automation technology group, has recently commissioned three 765 kV substations for Powergrid Corporation of India Limited (PGCIL). The substations are located in Wardha, Seoni and Bilaspur in the Indian states of Maharashtra, Madhya Pradesh and Chhattisgarh, respectively.

The projects form part of PGCIL’s plans for building a strong national grid by 2012. From the current inter-regional power flow capacity of 27950 MW, the utility aims to take the capacity up to 80000 MW through four main regional transmission grids. An extensive 800 kV extra high voltage (EHV) network will form the backbone of this network.

ABB executed the project on a turnkey basis with end-to-end power equipment supply and project management. The overall project scope comprised the design, engineering, manufacturing, testing, erection and commissioning of the 765 kV and 400 kV switchyards, including civil works.

“ABB has partnered with PGCIL to play an important role in establishing the 765 kV network in India. ABB’s EHV equipment is based on cutting-edge technologies to provide maximum system reliability. We are presently executing several more 765 kV substation projects in India and are pleased to continue supporting the development of the country’s power infrastructure,” said N Venu, head of the Power Systems division for ABB in India.

The three substations will enable more power to reach consumers, help meet increasing electricity demand and support the growing economy of the region. They will also strengthen the transmission and distribution network and improve efficiency and reliability of power supply.

Substations are key installations in the power grid that transform voltage levels and facilitate the safe and efficient transmission and distribution of electricity. They include equipment that protects and controls the flow of electrical power, enhancing grid reliability.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 135,000 people.

For more information please contact:

ABB Media Relations, India:
Sanaj Natarajan
(Bangalore, India)
Tel: +91 9972 800477
sanaj.natarajan@in.abb.com