ABB to provide high efficiency solutions for solar energy applications in India

Rapid delivery of proven high efficiency power and automation solutions

Bangalore, August 1, 2011 – ABB Limited, India, has won orders worth ₹161 million (MINR) to supply turnkey power and automation solution for three photovoltaic solar power plants with a combined capacity of 11 megawatts (MW) in India.

The orders comprise of two 5 MW photovoltaic (PV) solar power plants and one 1 MW photovoltaic (PV) solar power plant. When completed in October this year, the plants will have an annual generating capacity of up to 17.6 Gigawatt-hours of electricity, avoiding approximately 12500 MTs of CO2 emissions per year, equivalent to the annual emissions of about 3100 Indian cars.

ABB is responsible for the design, engineering, manufacturing, installation commissioning of the plants and will deliver the turnkey electrical and control solution within an extremely short time span of sixteen weeks. Key products to be supplied include inverters, low-voltage equipment, medium-voltage switchgear, transformers, cables, distributed control systems, remote monitoring systems and auxiliary systems.

The equipment is designed to minimize power losses and maximize efficiency, and includes high efficiency inverters and technologies for the accurate control and remote monitoring of the plant. "Our pre-assembled, factory-tested electrical balance-of-plant modules combined with our domain expertise and proven track records in project execution enable us to deliver an optimized solution in a short span of time" said Priteesh Mahajan, Senior Vice President, Business Development and Strategy and Head of ABB India's industry sector initiatives.

ABB has been a leading player in the solar power industry since the early 1990s. ABB offers electrical balance of plant solution which focuses on how best to harness solar energy and efficiently convert it into reliable electricity, ready for transfer into the local grid. The offering ranges from turnkey photovoltaic power plants to complete power and automation solutions for CSP plants and for PV installations.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 124,000 people.

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