

Press Release



ABB to support power infrastructure development in Punjab

Power Products order worth Rs 90 crore to deliver compact high-voltage gas-insulated switchgear and auto transformers for substation

Bengaluru, April 8, 2015 – ABB, the leading power and automation technology group, has won an order of Rs 90 crore from Techno Electric and Engineering Company Ltd. (Techno), an Indian EPC player, to deliver gas-insulated switchgear (GIS) and transformers for a 400/220 kilovolt (kV) substation at Patran in Punjab. The project is due for completion in 2016.

Reduced physical footprint was a key requirement for the substation, which is part of an inter-state network that will have a capacity of 1,200 megawatts (MW). Punjab, in the northwest of India, has a strong agricultural base and the substation is designed to reduce impact on prime farm land.

"This is yet another example of how ABB's state-of-the-art technologies are enabling a more intelligent and reliable transmission grid in India," said Bazmi Husain, Managing Director, ABB India. "Over the last five decades ABB has been continually investing in India and is well equipped to contribute significantly to the technology upgrade in the power sector."

The scope of the order includes the design, engineering and supply of 400 kV and 220 kV GIS modules. In a power system, switchgear is used to control, protect and isolate electrical equipment to boost the reliability of the electrical supply. With GIS technology, key components including contacts and conductors are protected with insulating gas. Compactness, reliability and robustness make it a preferred solution in urban areas and other places where space is a constraint or in harsh environmental conditions. ABB pioneered high-voltage GIS technology in the mid-1960s, and continues to drive technology and innovation while offering a full range product portfolio with voltage levels from 72.5 kV to 1,200 kV.

ABB will also deliver two 400 kV auto transformers, which are normally deployed in power applications to interconnect systems operating at different voltage levels. ABB's transformer portfolio includes power transformers rated up to 1,200 kV, dry- and liquid-distribution transformers, traction and special application transformers as well as related services and components

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

For help with any technical terms in this release, please go to: www.abb.com/glossary

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