

ABB wins Rs.334 crore orders to boost power capacity and strengthen Indian grid

Substations to boost supply of electricity in eastern states of Bihar and West Bengal

Bengaluru, India, Dec. 3, 2014 – ABB has won orders worth Rs.334 crore from public utilities, Bihar Grid Corporation Limited (BGCL) and West Bengal State Electricity Transmission Company Limited (WBSETCL), to build new transmission and distribution substations that will boost power supplies in the region.

The two east Indian states of Bihar and West Bengal regularly face significant power shortfalls and demand is rising, fuelled by mining, agriculture and increasing urbanization. Both states have ambitious plans to significantly enhance their power-generation capacity, which in turn needs complementary transmission infrastructure.

As part of a turnkey contract in Bihar, ABB will design, supply, install and commission 220/132/33 kV (kilovolt) gas-insulated switchgear (GIS) substations across four locations. These substations will deploy ABB's compact high-voltage GIS technology which can reduce the substation footprint by up to 70 percent compared with conventional air-insulated switchgear (AIS) substations. Other equipment includes medium-voltage switchgear, state-of-the-art IEC 61850-compliant protection and substation automation systems, as well as fiber-optic telecommunications systems.

In West Bengal, ABB will design, supply, install and commission a 220/132/33 kV AIS substation to help meet the growing demand for electricity in the Sadaipur region. Other ABB product supplies include IEC 61850-compliant substation automation, power-line communication carriers (PLCC) and fiber-optic telecommunications systems.

"These orders demonstrate that ABB India is well positioned to cater to India's push for reliable power and enhanced focus on upgrading the transmission and distribution network" said N Venu, head of Power Systems, ABB India. "ABB's indigenous technologies can meet a wide range of requirements without compromising on reliability and performance."

ABB is the world's leading supplier of air-insulated, gas-insulated and hybrid substations with voltage levels up to 1,100 kV. These substations facilitate the efficient and reliable transmission and distribution of electricity with minimum environmental impact.

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 145,000 people.

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