

ABB expands power products footprint in China

New joint venture to produce high voltage instrument transformers to serve growing demand

Zurich, Switzerland, May 7, 2013 – ABB, the leading power and automation technology group has entered into an agreement with Jiangsu Jingke Smart Electric Company in China to establish a joint venture that will design, manufacture and service high voltage instrument transformers from 72.5 kV to 750 kV. The portfolio will include oil and SF₆ stand-alone current and voltage transformers, ring-core current transformers, GIS voltage transformers and optical transformers.

“This initiative will help us to better understand and serve the needs of our local customers and further strengthens our footprint in China” said Giandomenico Rivetti, head of ABB’s High Voltage Products business, a part of the company’s Power Products division. “The move is in line with ABB’s ‘in country for country’ approach and business philosophy to locate production facilities closer to customers.”

ABB already has an extensive high voltage products manufacturing footprint in China includes circuit breaker and switchgear modules, gas-insulated switchgear, capacitors, disconnectors, apparatus and devices across six manufacturing locations in Beijing, Xiamen, Xi’an, Shenzhen and Suqian.

The main function of instrument transformers is current and voltage measurement, which facilitates control and protection of power networks as well as energy metering. The high currents and voltages in the power networks are converted into small values that can be read by the control and protection equipment and energy meters. Conventional instrument transformers have oil or SF₆ as the insulating medium.

Optical instrument transformer technology is the next step with the added advantage of a smaller footprint and greater flexibility in data collection for enabling smart grids. ABB is at the fore-front of innovation in this area and recently announced the launch of the FOCS (Fibre Optic Current Sensor) integrated with the DCB (Disconnecting Circuit Breaker).

ABB offers a wide spectrum of high-voltage products with ratings up to 1,200 kilovolts that help enhance the reliability, efficiency and quality of power. The product range includes generator circuit breakers, air, gas and hybrid switchgear, instrument transformers, disconnectors and power capacitors – all complemented by a comprehensive service offering. Designed to minimize footprint and environmental impact, these robust products are capable of withstanding harsh conditions including temperatures ranging from (–ve) 60 degrees Celsius (°C) to (+ve) 55°C.

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 145,000 people.

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