



# Press Release

## ABB substation to help reinforce Indian power grid

### **\$18 million order for 400 kilovolt (kV) gas-insulated switchgear (GIS) substation to boost transmission capacity for southern region**

Zurich, Switzerland, April 8, 2014 - ABB, the leading power and automation technology group, has won an order worth around \$18 million from Power Grid Corporation of India Limited (PGCIL), India's central power transmission utility, to construct a 400 kilovolt (kV) gas-insulated switchgear (GIS) substation at Kolhapur in the western Indian state of Maharashtra. The new substation will help strengthen the inter regional grid between the western and southern regions. The order was booked in the first quarter.

"This substation will boost power transmission to the southern region and increase the inter regional transfer capacity" said Oleg Aleinikov, head of ABB's Substations business, a part of the company's Power Systems division "ABB's latest GIS technology will help reduce the substation's footprint significantly, while ensuring efficiency and reliability."

ABB's project scope includes design, engineering, supply, installation and commissioning. Key product supplies include the 400 kV GIS, shunt reactors, control and relay panels based on IEC 61850 platform. ABB's latest generation GIS has a compact, modular and eco-efficient design, enabling reduction in product volume, footprint and weight, while enhancing eco-efficiency. The project is scheduled for completion in 2016.

ABB has previously supplied several GIS substations to PGCIL and has recently commissioned the 765/400 kV substation at Sholapur, ahead of schedule. The key node enabled the completion of the Raichur-Sholapur transmission line, linking the southern grid to the national transmission grid. All of India's five regional grids are now connected into a national power grid and operate on the same frequency. This marks an important milestone in the realization of India's 'One Nation – One Grid – One Frequency' vision, defined in the 1990s.

ABB is the world's leading supplier of turnkey 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, serving utility, industry and commercial customers as well as sectors like railways, urban transportation and renewables.

ABB ([www.abb.com](http://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 150,000 people.

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

### **For more information please contact:**

Head of Communications  
ABB Power Products & Power Systems  
Harmeet Bawa  
Tel: +41 43 317 6480  
[harmeet.bawa@ch.abb.com](mailto:harmeet.bawa@ch.abb.com)