

## ABB wins \$120 million power infrastructure orders in Iraq

### New power generation plant and substation to supply power to Kurdistan region

Zurich, Switzerland, July 2, 2012 – ABB, the leading power and automation technology group, has won orders worth around \$120 million from KAR Construction and Engineering Company Ltd. to design and build a power plant and construct two 400/132 kilovolts (kV) high-voltage substations that will supply power to the Kurdistan region of Northern Iraq.

The 640 megawatt (MW) open cycle power plant will use natural gas from the Khormala oil field and light fuel oil (LFO) as backup to generate electricity from gas turbines. Two 400/132 kV high-voltage substations will help feed the power into Iraq's regional and national grid, and also supply electricity to the Khormala oil field. There are plans to convert it into a combined cycle power plant in the future, increasing its capacity to 1,000 MW. This power plant will be the first in the region to feed power into the 400 kV national grid through the new Erbil Center 400/132 kV air-insulated switchgear (AIS) substation.

Since 2007, ABB has designed and built three power plants with a total capacity of 2,000 MW to supply electrical power to the regional grid in the Kurdistan region.

ABB will design, engineer, supply and commission the projects on a turnkey basis. ABB will provide the electrical balance of plant (EBoP) including the connection between the generator and the 400/132 kV substation. Key product supplies will include generator step-up and other transformers, high-voltage equipment such as a 420 kV disconnecting circuit breaker (DCB), medium- and low-voltage switchgear, plant automation control and protection systems. The project is scheduled for completion by the end of 2013.

"These solutions will help build critical power infrastructure in the country to serve electricity needs and strengthen grid reliability in the region," said Brice Koch, head of the Power Systems division. "The breadth of our technology portfolio and extensive project management experience will enable us to deliver an optimized customer solution."

Substations are key installations in the power grid that facilitate the efficient transmission and distribution of electricity. They include equipment that protects and controls the flow of electrical power. ABB is the world's leading supplier of air- and gas-insulated substations covering a range of voltage levels up to 1,100 kV.

ABB ([www.abb.com](http://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.

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:

#### ABB Group Media Relations:

Thomas Schmidt; Antonio Ligi

(Zurich, Switzerland)

Tel: +41 43 317 6568

[media.relations@ch.abb.com](mailto:media.relations@ch.abb.com)

 <http://twitter.com/ABBcomms>