

ABB wins orders worth \$65 million to strengthen Iraq power infrastructure

Gas-based power plants and substation extensions to improve power supply in northern Iraq

Zurich, Switzerland, October 10, 2012 – ABB, the leading power and automation technology group, has won orders worth around \$65 million from Mass Global Investment (MGI) Co., to provide a turnkey electrical and automation solution for a new gas-turbine power plant and build a substation extension. These installations will help boost power supplies and strengthen the transmission infrastructure in northern Iraq. The order was booked in the third quarter.

Comprising four gas turbines with a capacity of 125 megawatt (MW) each, the new Dohuk 2 power plant will be an extension of the existing ABB-built 500 MW Dohuk 1 power station, which went into operation in 2011.

ABB will design, supply and install the electrical balance of plant (EBoP) solution and provide the grid connection for the 500 MW open cycle gas turbine (OCGT) power plant. Key product supplies include low- and medium-voltage switchgear, the auxiliary systems for fuel supply and the control and automation system. The new plant will be fueled by natural gas and light fuel oil. It is scheduled to be operational in just 10 months and is the latest in a series of OCGT projects implemented by ABB for MGI. ABB will also extend a 132 kilovolt (kV) substation delivered earlier, to connect the Dohuk 2 power plant to the grid.

In another project, ABB will supply a state-of-the-art control system and a 400 kV substation for the grid connection of the 1,000 MW Erbil OCGT plant, which will be converted to a CCGT (combined cycle gas turbine) plant by extending it with heat recovery steam generators and two steam turbines, boosting output by 470 MW.

“These projects will help to boost capacity, enhance grid reliability and improve the security of the power supply,” said Brice Koch, head of ABB’s Power Systems division. “Reinforcement of the power infrastructure will help bring much needed electricity and support economic and social development in the region.”

ABB is a leading provider of integrated power and automation solutions for conventional and renewable-based power generation plants and water applications, like pumping stations and distribution plants. The company’s extensive offering includes turnkey electrical, automation, instrumentation and control systems supported by a comprehensive service portfolio to optimize performance, reliability, and efficiency while minimizing the effect on the environment.

For visuals please see below:

[Similar ABB power generation installations.](#)

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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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

<http://twitter.com/ABBcomms>