

## ABB wins \$16 million power order to support industrial infrastructure in Iraq

### Substation and SVC solution to facilitate reliable power supply for new steel plant

Zurich, Switzerland, April 30, 2012 – ABB, the leading power and automation technology group, has won an order worth around \$16 million from Mass Global Investment Company for the construction of a substation and SVC Light<sup>®</sup> (static var compensator) system that will supply electricity to a new melt shop and steel rolling mill in northern Iraq. The order was received in the first quarter.

The steel manufacturing plant will have an annual melting capacity of 1,000,000 tons of billets. Its furnace capacity will be 120 tons and the plant will use scrap metal as input material. The rolling mill part of the plant will have an annual capacity of 650,000 tons of steel bars produced from billets.

ABB is responsible for the design, engineering, supply and commissioning of the project. The turnkey scope of supply includes 132- and 36-kilovolt (kV) switchgear with disconnecter circuit breakers (DCBs), control and protection systems, transformers and the SVC equipment. The project is scheduled for completion by 2013.

“This solution will boost transmission capacity to serve the needs of the steel plant and enhance grid reliability in the region. The solution will also improve the quality of electricity supply and efficiency of the manufacturing process,” said Brice Koch, head of the Power Systems division.

ABB’s innovative, compact and energy-efficient DCB integrates the disconnecting function into the circuit breaker, thereby eliminating the need for separate conventional disconnectors. This reduces the footprint and minimizes maintenance requirements.

The station will also be equipped with an SVC Light reactive power compensation technology. SVC Light is part of ABB’s FACTS (flexible alternating current transmission systems) portfolio that enhances the security, capacity and flexibility of power transmission and distribution systems, and improves productivity and power quality. Its highly dynamic response capability, makes it ideally suited for applications in the metallurgical industry where it helps mitigate electric arc furnace flicker, thereby improving efficiency.

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 performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 135,000 people.

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