

E.ON chooses ABB's System 800xA for high-efficiency power plant in the Netherlands

Coal-fired plant will be among the world's most energy-efficient

Zurich, Switzerland, April 6, 2009 – ABB, the leading power and automation technology group, has won an order from the E.ON Benelux N.V. , to supply the complete process control system based on System 800xA Extended Automation for a new high-efficiency power plant.

ABB will equip E.ON's 1,113-megawatt (MW) hard-coal-fired power plant in Maasvlakte Unit 3, in the Rotterdam region, with a state-of-the-art System 800xA power plant control system. The new plant will have a thermal efficiency of more than 46 percent, making it one of the world's most energy efficient coal-fired plants. Because of the high efficiency the CO₂ emission of the new E.ON plant is approx. 20% lower than the average coal fired plant currently operational in the Netherlands.

This is after the power plant in Datteln in Germany's Rhein-Ruhr region ordered in 2007 the second unit of their 1.100 MW class convoy.

"This order demonstrates the trust E.ON places in ABB's power plant control technology and expertise," said Peter Leupp, head of ABB's Power Systems division. "Our integrated systems combine the latest ABB platform with our extensive knowledge of power plant processes, resulting in very reliable operation, as well as reduced maintenance and operational costs."

ABB's scope of supply comprises a System 800xA control installation, with boiler protection, and all instrumentation. This includes electrical actuators, which will be integrated into the process control system via a Profibus network and as a highlight the integration of MW-switchgear into the control system via IEC 61850. ABB will also carry out the complete engineering, installation and commissioning.

Industrial^{IT} System 800xA has been sold to more than 4,700 new and existing ABB customers in a diverse range of industries, including power generation. ABB has a vast installed base of power generation products and systems around the world, and offers an extensive range of products, systems and services to the sector, including hydro, nuclear, thermal, wind, solar and desalination plants.

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 120,000 people.

For more information please contact:

Laura Patrick
Office: +1.585.273.7246
Mobile: +1.585.733.4958
email:laura.m.patrick@us.abb.com