SWEDEN

ABB to Supply Automation and Electrification for New Biobooiler at Bomhus Energi in Gävle

ABB's automation and electrification systems help create an environmentally friendly, reliable and efficient operation

ABB, the leading power and automation group, has won an order for the electrification and automation system of a new biobooiler and turbine, including fuel management, from Bomhus Energi in Gävle, Sweden.

Bomhus Energi AB, a joint venture of Gävle Energi AB and Korsnäs AB, will supply steam and electricity to the Korsnäs plant in Gävle as well as district heating to the Gävle town district, with the new biobooiler. "The new boiler will replace an older boiler at Korsnäs, and will be both more environmentally friendly and more efficient," says Mats Törnkist, technical manager at Korsnäs and Bomhus Energi AB board member.

The ABB supply scope includes low-voltage switchgears for energy-efficient motor control and monitoring of more than 400 motors, 18 energy-efficient and environmentally friendly Resibloc transformers and shunt capacitors to improve power quality. Bomhus has also ordered an ABB Automation System 800xA for controlling and monitoring the boiler.

"The automation system will control and monitor a complex process with high safety requirements. The boiler, the fuel management, a new turbine and the integration of adjacent process sections must be monitored and 100% controlled, a function that now will be significantly simplified with the new automation system," says Törnkist.

In addition to advanced control and monitoring functions, the automation system includes new operator stations, integration of switchgear and motor operations, and an environmental report system, as well as real-time monitoring of every instrument circuit. System 800xA will be based on virtual servers, saving space and considerably simplifying system testing and future upgrades.

To create a new joint operator environment, older operator stations will be replaced with new 800xA units for adjacent process sections. The project includes all system work, programming, test runs and commissioning.

The new boiler will be fully operational by fall 2012.

USA

Kadant Expands Water Management Product Offering with M-Clean Papertech Acquisition

Kadant Inc. recently expanded its product lines with the acquisition of M-Clean Papertech AB, a Europe-based supplier of paper machine fabric and roll cleaning. The acquisition of the high-efficiency cleaning product line expands Kadant's water-management product line and will be sold and serviced by Kadant's existing global sales and service network.

"With more than 350 installations throughout Europe, China, and Asia-Pacific, the MultiJet product line adds increased depth to Kadant's water-management offerings to the paper industry and further strengthens our market position in Europe and China," said Jonathan W. Painter, president and chief executive officer of Kadant Inc. "The high-performance cleaning system has demonstrated success in helping papermakers extend fabric life and improve machine runnability and we are looking forward to completing the integration of the M-Clean business into our organisation."