

ABB to power the world's most energy-efficient pulp mill, generating twice as much power as it consumes

Zurich, Switzerland, February 17, 2016 – The first mill to operate fully free from fossil fuels will increase the share of renewable energy in Finland by more than two percent

ABB will supply the complete power and process electrical systems for Metsä Group's new bioproduct mill in Äänekoski in central Finland, opening in 2017. The mill will produce 1.3 million tonnes of pulp per year and bioproducts such as tall oil, turpentine, lignin products, bioelectricity and bark-based solid fuel.

ABB's pioneering technology solutions will support the mill to maximize its bioenergy production and thus, increase the share of renewable energy in Finland by more than two percent. Using over 1,000 of the most advanced energy efficient motors and state-of-the-art power systems the mill will produce 2.4 times more electricity than it consumes. The mill is designed to produce 1.8 terawatt hours of energy annually, representing 2.5 percent of the electricity produced in Finland today. The orders are worth over \$30 million, the majority has been booked in the last half of 2015.

"We have long experience of good cooperation with ABB. Their wide product portfolio, project expertise and high degree of domestic content affected most our decision", said Timo Merikallio, project director of Metsä Group's bioproduct mill.

"We are extremely happy that we can participate in the largest investment in history of the Finnish forest sector with our expertise and products," said Tauno Heinola, Managing Director ABB Finland. "Our products will be part of ensuring the mills' high availability, reliability and efficient production, as well as their energy efficiency, fully in line with our company's Next Level strategy."

ABB (www.abb.com) is a leading global technology company in power and automation that enables utility, industry, and transport & infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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