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EANS-News: Nordex SE / Nordex builds Sweden's largest wind farm

Anti-icing system secures 150 MW order Skellefteå Kraft places 3rd order with Nordex First reference project with Fortum

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Company Information

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Hamburg (euro adhoc) - Hamburg, 11 May 2011. Nordex has won the largest order awarded for an onshore wind project in Sweden to date: as of summer 2012 the turbine manufacturer will be building "Blaiken", a 150 MW wind farm. The customers are Skellefteå Kraft, a leading energy supplier in Sweden and Fortum, one of the largest power utilities in Europe, based in Finland. Skellefteå Kraft and Fortum have placed a firm order for 60 turbines for "Blaiken" thus accelerating the originally intended call-off schedule of the master agreement entered into last year. The N100/2500 machines will be fitted with Nordex' new anti-icing system for rotor blades.

The successful development of the anti-icing system was a key criterion for the order. Nordex designed this system especially for sites where there is a risk of ice forming on the rotor blade. This can result in substantial production losses. An integrated heating system now prevents icing, thereby maximising the yield.

In autumn 2010 Nordex installed the first N100/2500 turbines with anti-icing in "Jokkmokksliden", the forerunner project to "Blaiken". The wind turbine manufacturer tested and optimised the system on the basis of three prototypes and one reference machine. "The cost-benefit ratio of anti-icing persuaded us to have all the turbines equipped with this innovative system," says Risto Andsten, Vice President Renewable Energy, Fortum.

"Our new anti-icing system is the result of collaboration between different functions within our company, and we are pleased to now see the system put into commercial operation on one of the largest projects in Europe. We are now able to offer an attractive option for all customers planning projects at locations with ice and frost," says Lars Bondo Krogsgaard, Chief Sales Officer at Nordex SE.

Nordex - a profile As a technological leader among suppliers of megawatt turbines, Nordex benefits particularly from the global trend towards large-scale wind turbines. The product range includes one of the largest series wind power systems in the world (N80/N90/N100, 2,500 kW) with more 1,500 of these turbines having been produced to date. This means that Nordex has a crucial edge in terms of experience in operating large turbines compared to most of its competitors in the sector. Overall, Nordex has installed a more than 4,400 turbines with a capacity in excess of 6,600 MW around the world. With exports accounting for over 95 percent of its business, Nordex also has a strong position in international high-growth regions. The company has offices and subsidiaries in 19 countries. In total, the Group employs more than 2,500 people worldwide.

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