

News release from Vestas Northern Europe

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Vestas receives 16.5 MW order in Finland; is the first commercial project to include Vestas De-icing System in Finland

Featuring five V112-3.3 MW turbines, the Puuska II wind energy project will be the first commercial project in Finland to utilise the Vestas De-icing System (VDS).

The order was placed by Rajakiiri Oy, a Finnish wind power company owned by energy and industrial enterprises EPV Energia Oy, Outokumpu Oyj, Oy Katternö Kraft Ab, and Rautaruukki Oyj.

Vestas De-icing System (VDS) will improve the business case for the 16.5 MW wind energy project Puuska II, which is located in cold climate region around Tornio, Finland.

In addition to the VDS, the contract includes supply, installation and commissioning of the five V112-3.3 MW turbines, along with a VestasOnline® Business SCADA solution and a six-year Active Output Management (AOM) 5000 service agreement. AOM 5000 is an all-inclusive comprehensive energy-based service agreement, which offers maximized output by performing the service and maintenance in low-wind periods.

The wind turbine delivery is expected at the beginning of second quarter of 2015 with commissioning expected to be completed at the end of the second quarter of 2015.

“Vestas is extremely pleased that Rajakiiri Oy has placed this order with us,” states Klaus Steen Mortensen. He continues: “Vestas’ track record and technology means we can offer our customers a strong business case for their wind power plants. Vestas De-icing System ensures we can offer our customer a solution to reduce the risk of icing and ensure maximum production.”

Today, Vestas has installed 65 turbines, totalling 100 MW, in Finland. Vestas cumulative market share in Finland is 22 per cent.

About Rajakiiri

Rajakiiri Oy is a wind power generation company owned by Finnish energy and industrial enterprises. Our goal is to build offshore and onshore wind power in Finland. That way, our company is contributing to Finland’s targets of increasing renewable energy while supplying our owners with electricity generated by wind power at cost price. Rajakiiri is jointly owned by EPV Energia Oy, Oy Katternö Kraft Ab, Outokumpu Oyj and SSAB. www.rajakiiri.fi

About the Vestas De-icing System

Easily serviceable from within the hub and inside the blade, VDS does not require electrical components to be installed in the blade’s leading edge. While enhancing the system’s robustness, it also keeps the system at low risk from lightning damage.

VDS is designed to de-ice the outer profile of the blade focusing on the tip end to ensure maximum efficiency of regaining power production after ice buildup occurs. VDS is fully integrated with Vestas' control systems and can be tailored to the customer's de-icing strategy. The system can be triggered automatically or manually, ensuring customers have full monitoring control of the system.

About Vestas

Every single day, Vestas wind turbines deliver clean energy that supports the global fight against climate change. Wind power from Vestas' more than 52,000 wind turbines currently reduces carbon emissions by over 60 million tons of CO₂ every year, while at the same time building energy security and independence. Today, Vestas has installed turbines in 73 countries, providing jobs for approximately 17,500 passionate people at our service and project sites, research facilities, factories and offices all over the world. With 52 per cent more megawatts installed than our closest competitor and more than 62 GW of cumulative installed capacity worldwide, Vestas is the world leader in wind energy.

We invite you to learn more about Vestas by visiting our website at vestas.com and following us on our social media channels:

- www.twitter.com/vestas
- www.linkedin.com/company/vestas
- www.facebook.com/vestas
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