

Merus Power supplies megawatt-scale energy storage solution to TuuliWatti, a wind energy company in Finland

Merus Power delivers the largest energy storage solution in the Nordic countries with the capacity of 6 MW to TuuliWatti's windfarm, located in Viinamäki, Ii, Finland. Both TuuliWatti's wind farm and its energy storage investment are built on market terms. Merus Power provides the system's main parts, like network inverters, switchgear and transformers and combines them with battery supplied by SAFT.

TuuliWatti progressively combines wind power and energy storage technology in Viinamäki's windfarm. The wind farm and the energy storage solution form a quickly adjustable production system that reacts to changes in the electric system without delay and thus supports the operation of the electricity network. The use of energy storage systems enables a greater amount of renewable energy in the electrical grid by improving the balance between consumption and production in real time.

"Wind power has become one of the most competitive ways to generate renewable energy thanks to strong technological development. Energy storage investments will further improve the competitiveness of wind power." says Henrikki Talvitie, CEO of TuuliWatti.

Merus Power is a Finnish clean-tech company with renewable energy and power quality knowledge. Merus™ Energy Storage Solutions, control systems and network inverters are manufactured in Nokia, Finland and delivered in containers to Viinamäki in the fall.

"In a short time, Merus Power has become Finland's leading energy storage supplier and this large energy storage order from TuuliWatti is an expression of trust in the company and its skilled personnel." says Kari Tuomala, CEO of Merus Power.

Merus Power Dynamics Oy

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Merus Power is a global cleantech company located in the city of Nokia, Finland. We design, manufacture and sell world-leading electrical energy storage and power quality solutions. Power electronics, reliable control software and advanced electrical engineering are the heart of Merus Power. In addition to the sophisticated Merus™ Energy Storage Solution our product portfolio includes active harmonic filters, STATCOMs, SVCs, updated UPS systems (UPQ) and also hybrid power compensators (HPQ).

Tuuliwatti

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TuuliWatti Oy is an associated company of industrial wind power owned by the energy company St1 and S Group's S-Voima. S-Voima is owned by SOK and regional cooperative companies. Established in 2009, TuuliWatti is Finland's leading actor in the industry, which in 2018 produced 21% of our Finland's total wind power production. TuuliWatti is investing in strong expertise and the latest wind power technology to achieve the most cost-effective wind power.