



SolarTech Power Solutions

**Finland's wind and solar hybrid
communication base station
manufacturer**



Overview

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Elisa is transforming the backup batteries in its mobile network base stations into a smartly controlled, distributed virtual power plant with a capacity of 150 MWh, which serves as part of the grid balancing reserve for the Finnish electricity grid. This new power plant can be used for.

VSB Uusiutuva Energia Suomi Oy, the Finnish subsidiary of German renewables developer VSB Group, is gearing up for an ambitious hybrid project in Finland's North Ostrobothnia region. This innovative venture will combine 350 MW of wind energy with 100 MW of solar capacity, marking a significant step.

Finland is a country that has set ambitious climate goals, aiming to reach carbon neutrality by 2035 and to reduce its greenhouse gas emissions by 90-95% by 2050. To achieve these targets, Finland is relying on a mix of energy sources that includes nuclear, hydro, wind, solar and bioenergy. In this.

The wind farm will be part of a hybrid wind and photovoltaic park which, once completed, will not only be the largest renewable energy project in VSB's history, but also one of the most significant hybrid park projects within all of Europe. A key component of the hybrid project is the 350 MW.

Oulu, Finland / Dresden, Germany - The VSB Group has received the green light for a large-scale hybrid project with a total capacity of 450 MW, including 350 MW of wind power and 100 MW of solar power. The renewable project developer, operator and manager of wind energy and photovoltaic parks has.

An essential part of the hybrid project is the Puutionsaari wind farm with 49 wind turbines and a capacity of 350 MW, complemented by a 100 MWp solar farm on a former peat extraction site acquired by VSB. The solar project is currently in the approval process, which is expected to be completed by.

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