



## Finland hybrid energy storage project construction

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The 70 MW/140 MWh BESS project will be located in Nivala, northern Finland. Set to go online in 2024, the facility will enhance grid stability, energy resilience and accelerate green electrification. The project marks Ingrid Capacity's first two-hour system and its debut in Winda Energy, a Finnish renewable energy developer, has announced its entry into the energy storage market with a new 30MW/60MWh battery energy storage system (BESS) in Rautavaara, Finland. The project, developed in partnership with Czech energy technology firm Second Foundation, marks Winda Energy's first foray into energy storage. Two of the Nordic country's biggest battery energy storage projects have been announced just days apart. Swedish flexible assets developer and optimizer Ingrid Capacity has joined hands with SEB Nordic Energy's portfolio company Locus Energy to develop what is claimed to be Finland's largest and most advanced battery energy storage system (BESS). Renewable energy project developer Winda Energy Oy is expanding its operations into energy storage projects and will build an industrial-scale electricity storage facility in Rautavaara. The project, carried out in cooperation with the Czech tech energy company Second Foundation, will support the SEB Nordic Energy's portfolio company Locus Energy, in collaboration with Ingrid Capacity, proudly announces the groundbreaking of one of Finland's largest battery energy storage system (BESS) in Nivala Municipality, Northern Ostrobothnia. After the start of commercial operations in 2025, the Developers SENS and Callio have revealed a hybrid project in Finland which could combine a battery energy storage system (BESS), pumped hydro energy storage and solar PV technology. The companies have struck a principal agreement to develop the project at the decommissioned Pyhäsalmi mine in Rautavaara. Building energy storage systems behind the same connection point with wind and solar farms may soon become a reality, as the called-for legislative change enabling such hybrid connections takes significant steps forward. On 28 November 2023, the Finnish government issued a proposal (HE 197/2023) to amend the Electricity Act to allow for the connection of battery storage systems to the grid. Winda Energy, battery storage, Finland, BESS, energy storage, Winda Energy has announced a 30MW/60MWh battery energy storage project in Rautavaara, Finland, marking its entry into the energy storage sector with construction set for 2024. The project, which is one of the largest of its kind in Finland, will provide grid support. Winda Energy Enters Energy Storage Market, Building 30 MW The project, carried out in cooperation with the Czech tech energy company Second Foundation, will support the stability of Finland's power system and advance the clean energy transition. Groundbreaking ceremony marks commencement The first project, currently under construction, consists of 13 new grid scale battery energy storage systems across the south of Sweden, and is planned to add an additional 196 MW of flexible capacity to the SENS and Callio developing battery-hydro-solar Developers SENS and Callio have revealed a hybrid project in Finland which could combine a battery energy storage system (BESS), pumped hydro energy storage and solar PV technology. Regulatory update for hybrid projects brought before the ParliamentInvestments into co-located battery energy storage systems in Finland have, however, so far been hindered by the regulatory restrictions on connecting such hybrid projects to the national grid. Finland's Largest Battery Storage Begins While substantial financial details for the



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Finnish project remain undisclosed, the economic viability of battery storage is pivotal for broader adoption. Crucially, the progress in Finland could also stimulate NEPower (Nordic Electro Power Oy) and Alpiq. It is a strategically important project for NEPower, which strengthens the company's position as a reliable supplier of large and modern power infrastructure projects. Foundation stone laid for one of Finland's largest battery energy When commercial operations begin in , the system will balance the Finnish electricity grid and support the growth of renewable energy in Finland. The groundbreaking Lapland's SIMO Storage Project Reaches 130MW Total Capacity, Jameel Energy's FRV partners with AMPTank to build 100MW/200MWh SIMO storage project in Finnish Lapland, deploying Sungrow and Huawei battery technology to Winda Energy, battery storage, Finland, BESS, energy storage, Winda Energy has announced a 30MW/60MWh battery energy storage project in Rautavaara, Finland, marking its entry into the energy storage sector with construction set for Groundbreaking ceremony marks commencement of one of FinlandThe first project, currently under construction, consists of 13 new grid scale battery energy storage systems across the south of Sweden, and is planned to add an additional 196 SENS and Callio developing battery-hydro-solar project in FinlandDevelopers SENS and Callio have revealed a hybrid project in Finland which could combine a battery energy storage system (BESS), pumped hydro energy storage and Finland's Largest Battery Storage Begins Construction While substantial financial details for the Finnish project remain undisclosed, the economic viability of battery storage is pivotal for broader adoption. Crucially, the progress in NEPower (Nordic Electro Power Oy) and Alpiq signed an It is a strategically important project for NEPower, which strengthens the company's position as a reliable supplier of large and modern power infrastructure projects. Lapland's SIMO Storage Project Reaches 130MW Total Capacity, Jameel Energy's FRV partners with AMPTank to build 100MW/200MWh SIMO storage project in Finnish Lapland, deploying Sungrow and Huawei battery technology to

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