



Finland energy storage projects





Overview

What is the future of energy storage in Finland?

Reserve markets are currently driving the demand for energy storage systems. Legislative changes have improved prospects for some energy storages. Mainly battery storage and thermal energy storages have been deployed so far. The share of renewable energy sources is growing rapidly in Finland.

Where is the largest battery energy storage system in Finland?

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.

Which energy storage technologies are being commissioned in Finland?

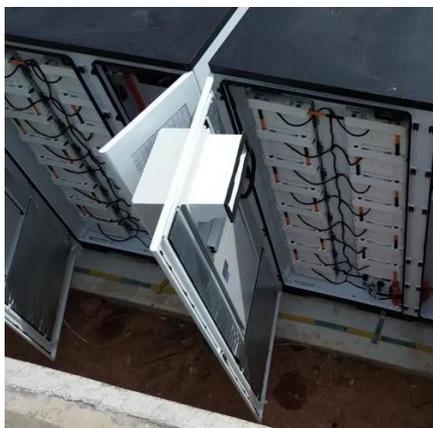
Currently, utility-scale energy storage technologies that have been commissioned in Finland are limited to BESS (lithium-ion batteries) and TES, mainly TTES and Cavern Thermal Energy Storages (CTES) connected to DH systems.

Are energy storage systems a solution to Finland's energy transition?

Energy storage systems offer a solution. "This groundbreaking is an important moment for Finland's energy transition and a concrete step toward a more flexible, resilient, and decarbonized energy system," said Jussi Jyrinsalo, Senior Vice President at Fingrid.



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[Finland's Energy Storage Revolution: Project Planning Insights](#)

As Finland's energy transition accelerates, one thing's clear: the country isn't just building storage projects - it's engineering the template for cold-climate renewable integration worldwide.

[One of Finland's largest energy storage facilities ...](#)

The energy storage facility delivered by Merus Power to Lappeenranta, Finland, has been completed and put into market use on 15 May 2025. The energy storage facility is ...



[ib vogt sells 50MW/50MWh ready-to-build ...](#)

ib vogt has sold rights to a large-scale 1-hour duration battery storage project in Finland, Europe, to investor Renewable Power Capital ...

[Spotlight on Finland: Energy storage sector set to double](#)

Finland's energy storage market is expanding, thanks largely to increasing renewable energy sources, plus regulatory adaptation being made by



Fingrid, the transmission ...



[BESS projects progress in Bulgaria, Romania, ...](#)

BESS progress totalling over 1.5GWh this week, from Renalfa in Bulgaria, Engie in Romania, Nala Renewables in Finland and Metlen in ...

[SENS buys 160 MW of energy storage ...](#)

Sustainable Energy Solutions Sweden Holding AB (SENS) has acquired full ownership of two energy storage projects to be built at the ...



[Finland Power Storage Base: Innovations, Trends, and Case ...](#)

Why Finland's Energy Storage Scene Is Heating Up (Literally) when you think of global energy storage leaders, Finland might not be the first country that springs to mind. But hold onto your ...



[Olana Energy kicks off 47 MW of BESS ...](#)

Finnish independent power producer Olana Energy Oy said it has started construction on three battery energy storage system (BESS) ...



[Groundbreaking ceremony marks commencement of one of Finland...](#)

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 ...

[Alpiq snaps up 125-MW battery project in ...](#)

Swiss power producer and energy services provider Alpiq announced the acquisition of a 125-MW battery storage project in Finland ...



[A review of the current status of energy storage in ...](#)

A review of the current status of energy storage in Finland and future development prospects This is an electronic reprint of the original article. This reprint may differ from the original in ...



[BESS projects progress in Finland, Italy and ...](#)

Merus Power has secured a 30MWh order in Finland while Metlen and Aquila won government financial support for projects in Italy ...



[Groundbreaking ceremony marks ...](#)

SEB Nordic Energy's portfolio company Locus Energy, in collaboration with Ingrid Capacity, proudly announces the groundbreaking ...

[EUROPE and Energy Storage are the key FINLAND](#)

While H2 and P2X solutions remain one of the top issues on minds of energy leaders, uncertainty related to them has decreased considerably since 2022. This is likely due ...



[Nala Renewables acquires BESS project and expands into Finland](#)

Nala Renewables, a global power and renewable energy platform and independent power producer, has entered into an agreement to acquire a 50MW, ready-to-build battery ...



[A review of the current status of energy storage in Finland ...](#)

Energy storage is one solution that can provide this flexibility and is therefore expected to grow. This study reviews the status and prospects for energy storage activities in ...

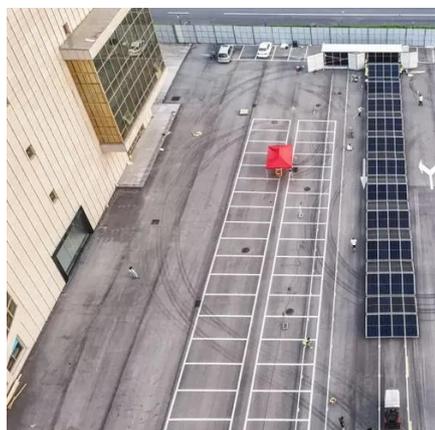


[Eco Stor puts largest battery storage project ...](#)

Eco Stor has connected the largest BESS in Germany to the grid, while its former majority owner is going to build a BESS in Finland.

[Finland telecoms firm Elisa to roll out ...](#)

Finland telecoms firm Elisa has received EUR3.9 million from the government to form a VPP using batteries, potentially the largest in Europe.



[Hybrid pumped hydro-BESS project in Finland ...](#)

Sustainable Energy Solutions Sweden Holding (SENS) has doubled the capacity of the battery energy storage system (BESS) that ...



[Finland Launches Major Renewable Energy Storage Project ...](#)

Finland embarks on a groundbreaking renewable energy storage project, collaborating with NTR and Fluence Energy. The Uusnivala BESS aims to enhance energy ...



[Finland's Largest Battery Storage Begins Construction](#)

Finland's authorization of its largest battery-storage project marks a pivotal point in the renewable energy landscape. As energy stakeholders anticipate the completion of the ...

[Global news, analysis and opinion on energy ...](#)

Solar company SolarMax Technology's wholly owned subsidiary, SolarMax Renewable Energy Provider, has entered into two ...



[Finland's Largest Battery Storage Begins ...](#)

Finland's authorization of its largest battery-storage project marks a pivotal point in the renewable energy landscape. As energy ...





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