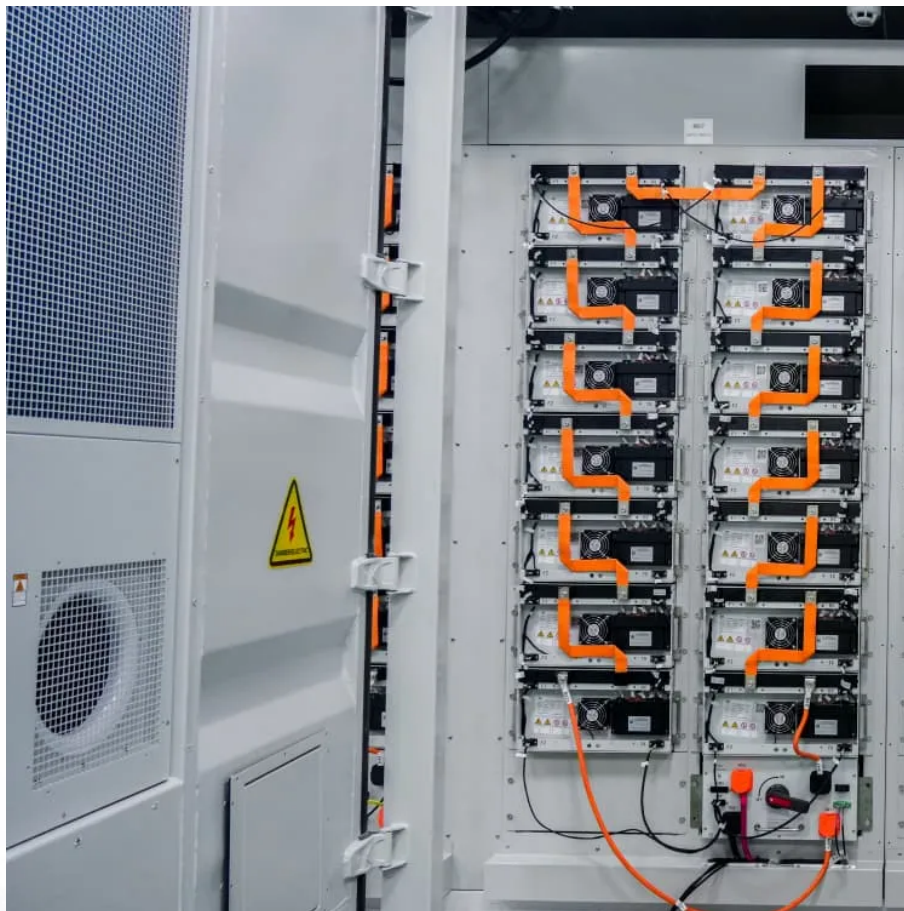




SolarMax Pro Energy Storage Systems

Finnish grid-connected energy storage system company





Overview

Norwegian company ECO STOR AS has entered into an agreement to develop and install a 50 MW/1 hour grid- connected battery energy storage system (BESS) near Isokangas in central Finland. 4 June 2025 – ECO STOR will build the BESS and co-own the operational system. Is this Finland's largest battery energy storage system?

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 one of the Nordics' largest battery energy storage systems (BESS). The 70 MW/140 MWh BESS project will be located in Nivala, northern Finland.

Which energy storage system will support the Finnish power grid?

This 38-megawatt and over 40-megawatt-hour energy storage system will support the Finnish power grid. The project is slated for completion by spring 2025 and will be located in Lappeenranta, near the Mertaniemi power plant.

How will a new battery energy storage system help the Finnish grid?

After the start of commercial operations in 2026, the project will contribute an important balancing function to the Finnish grid, supporting the Finnish renewable energy expansion. The groundbreaking ceremony took place in the afternoon on Monday the 26th of May on the site near Nivala where the battery energy storage system will be built.

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.

When will the energy grid project start in Finland?



The project proponents have confirmed that the construction works will start in March 2025. The project, which is one of the largest of its kind in Finland, will provide grid services including frequency response and will be able to participate in energy trading on wholesale power markets.

What is a Fingrid energy storage system?

The central function of the energy storage system is to participate in Fingrid's frequency reserve markets and thus support the balancing of production and consumption in the power grid. "Merus Power has built strong expertise in the electricity markets, intelligent power electronics, and understanding and addressing the needs of our customers.



Finnish grid-connected energy storage system company

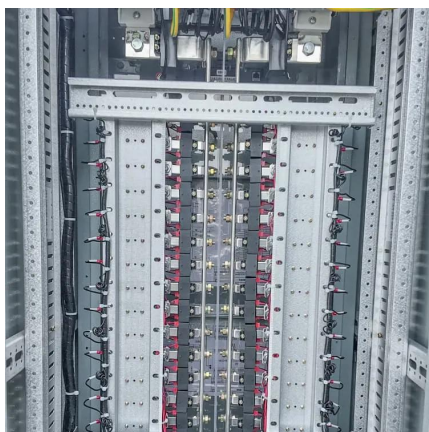


[Finland wind solar and energy storage 2025](#)

Mertaniemi battery energy storage project is a joint venture between ACEEF and Lappeenranta Energia, a Finnish municipal energy company. It will see the development of a 1-hour 38.5 ...

Finland's largest Battery Energy Storage System (BESS) - ...

Paistinkulma Energy Storage is set to become one of the largest battery energy storage systems (BESS) operating in Finland's frequency reserve market. Taaleri Energia, a Finnish-based ...



Sungrow Powers Finland's Arctic Grid with Massive 60 MWh Battery System

Sungrow installed a 60 MWh battery energy storage system near Finland's Arctic Circle to stabilise the local power grid. The system uses liquid-cooled lithium-iron-phosphate ...

Merus Power to Supply 38MW Battery Energy Storage System in Finland ...

The agreement entails the delivery of a



comprehensive 38-megawatt battery energy storage system (BESS), exceeding 40 megawatt-hours, aimed at bolstering the Finnish ...



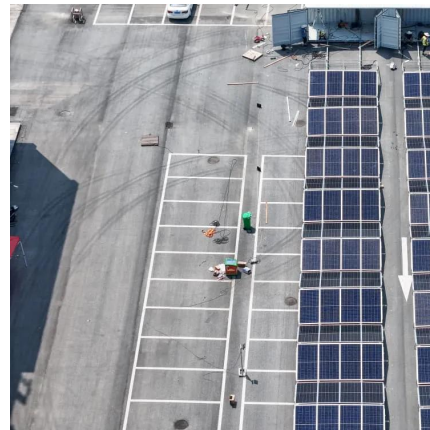
[Finland to host 240 MWh of new BESS projects](#)

The 70 MW/140 MWh BESS project will be located in Nivala, northern Finland. Set to go online in 2026, the facility will enhance grid stability, energy resilience and accelerate ...



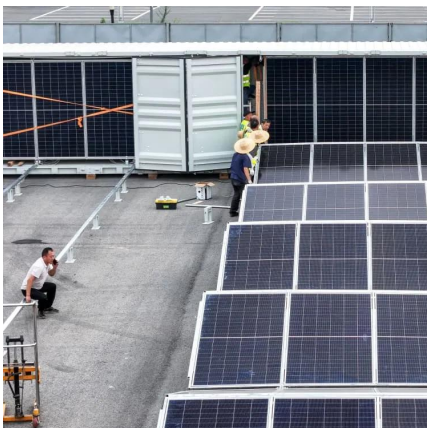
[Energy storage system integrators: Six of the best](#)

The product for sub-1MWh applications will help companies expand their portfolio through energy storage at the edge of grid, but it ...



Elisa to optimise 100MWh Sand Battery in Finnish reserve markets

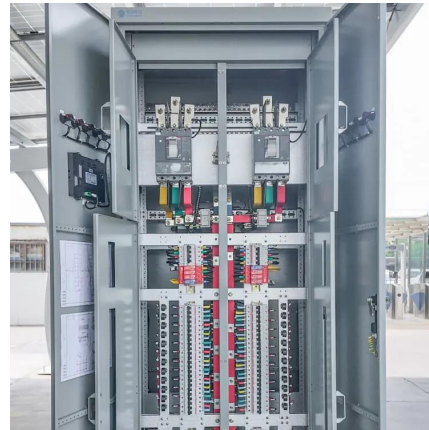
During times of excess renewable energy production from solar and wind, Finland's transmission system operator (TSO) will pay the project to increase its charging from the grid. ...





[Top 10 Energy Storage Companies in Finland: A 2024 Guide](#)

Future trends will determine that the energy storage sector in Finland offers promising potential. There are growing trends towards the integration of smart grid ...



Battery Energy Storage System (BESS) as a service in Finland: ...

Business model and regulatory considerations are concluded. Battery Energy Storage Systems (BESS) can provide services to the final customer using electricity, to a ...

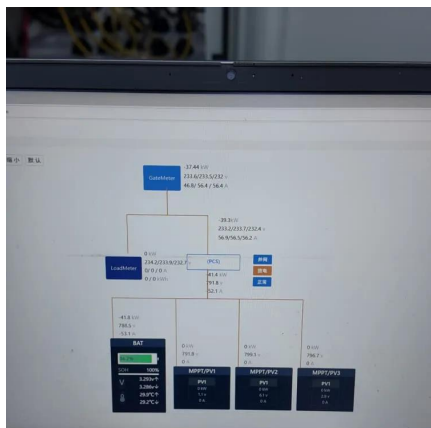
Eco Stor Approves 50-MW Finnish Battery, Expanding Nordic Storage ...

Eco Stor GmbH has reached a final investment decision for a 50-MW grid-connected battery energy-storage system (BESS) in Finland's Isokangas area, close to the ...



grid system Companies and Suppliers in Finland , Energy XPRT

Grid-Connect Energy Storage Inverter The Power Xpert Storage grid -tie inverter offers reliable high-performance conversion with a 20-year life for utility-scale grid -tie battery applications.



Ingrid Capacity, in collaboration with Locus Energy, expands to ...

Ingrid Capacity, in collaboration with SEB Nordic Energy's portfolio company Locus Energy, is developing Finland's largest and one of the Nordics' largest battery energy storage ...



Ingrid Capacity, in collaboration with Locus Energy, expands to Finland

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

The first project, currently under construction, consists of 13 new grid scale battery energy storage systems across the south of Sweden, and is ...



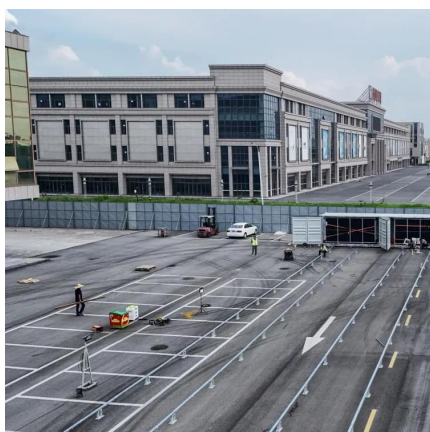
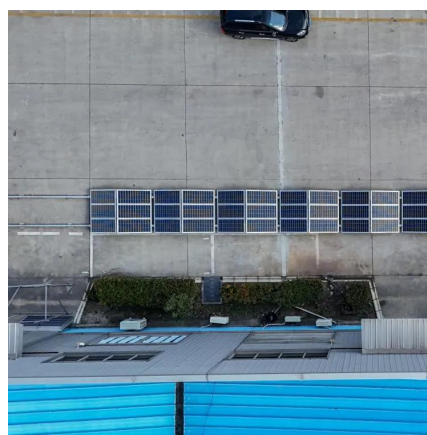


Fingrid sets code specifications for grid energy storage

"Last autumn, we specified the technical grid code requirements for converter connected grid energy storage facilities connected to the power ...

Merus Power received 38MW/40MWh battery energy storage ...

This 38-megawatt and over 40-megawatt-hour energy storage system will support the Finnish power grid. The project is slated for completion by spring 2025 and will be located ...



[Top 10 Energy Storage Companies in Finland: A 2024 ...](#)

There are growing trends towards the integration of smart grid technologies with energy storage systems as one of the major trends and the ...

Hitachi ABB Power Grids to deploy 90MW battery storage system ...

A grid-scale battery storage system will be built at the site of a nuclear power plant in Finland, providing backup in the event of disruption to grid supply. Finnish power company ...



[Top 10 Energy Storage Companies in Finland: A 2024 ...](#)

Future trends will determine that the energy storage sector in Finland offers promising potential. There are growing trends towards the ...



ECO STOR to build 50 MW BESS project in Finland , windfair

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Groundbreaking ceremony marks commencement of one of Finland...

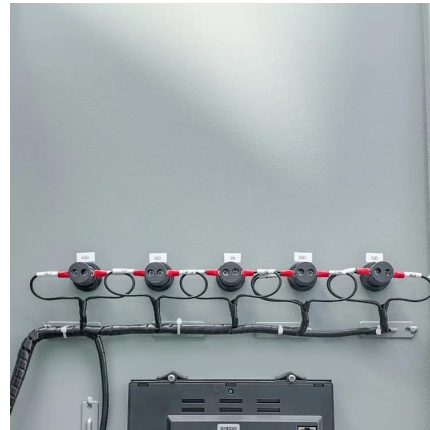
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[Merus Power received 38MW/40MWh battery energy ...](#)

This 38-megawatt and over 40-megawatt-hour energy storage system will support the Finnish power grid. The project is slated for completion ...

Home , Biosolar

We currently own and operate three energy storage projects. The energy storages provide frequency balancing services and balance the electricity grid by buying electricity during ...



MW Storage and the Fluence team have joined forces for a 20-MW Finnish

The battery system aims to enhance grid stability by adding extra flexibility and is expected to help reduce electricity costs through active involvement in energy trading. The ...



Merus Power to Supply 38MW Battery Energy Storage System in ...

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