

Finnish dedicated energy storage battery company





Overview

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). 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.

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.

Is energy storage a viable solution for the Finnish energy system?

This development forebodes a significant transition in the Finnish energy system, requiring new flexibility mechanisms to cope with this large share of generation from variable renewable energy sources. Energy storage is one solution that can provide this flexibility and is therefore expected to grow.

Does Finland have energy storage?



This paper has provided a comprehensive review of the current status and developments of energy storage in Finland, and this information could prove useful in future modeling studies of the Finnish energy system that incorporate energy storages.

Is the energy system still working in Finland?

However, the energy system is still producing electricity to the national grid and DH to the Lempäälä area, while the BESSs participate in Fingrid's market for balancing the grid . Like the energy storage market, legislation related to energy storage is still developing in Finland.



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[Ingrid Capacity building largest BESS in Finland](#)

Sweden-headquartered BESS developer-operator Ingrid Capacity will build a 70MW/140MWh project in Finland, which it claimed will be the largest in the country.

[Product Information](#)

[Finland's largest Battery Energy Storage System \(BESS\) - ...](#)

With an installed capacity of 30 MW / 36 MWh, the project marks a major milestone and will play a vital role in strengthening Finland's evolving renewable energy infrastructure. Designed to ...

[Product Information](#)



[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 ...

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[Helsinki-based startup Cactus secures over EUR26M for ...](#)

Cactus, a Helsinki-based battery energy storage systems (BESS) startup has raised over EUR26 million in equity capital as part of a larger EUR70 ...



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[Sungrow Deployment of Battery Storage Project in Simo](#)

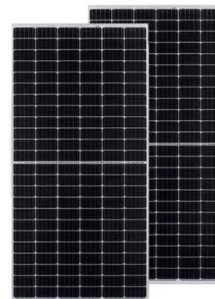
Sungrow, the global leading PV inverter and energy storage system provider, announces the successful deployment of the 60MWh battery storage project in Simo, Finland. ...

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One of Finland's largest energy storage facilities commissioned in

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 ...

[Product Information](#)



A review of the current status of energy storage in Finland and ...

This study reviews the status and prospects for energy storage activities in Finland. The adequacy of the reserve market products and balancing capacity in the Finnish energy ...

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[World's largest sand battery commissioned in Finland](#)

The world's first industrial-scale sand battery has been commissioned in Pornainen, Finland. It will use surplus renewable energy to generate heat, which will then be ...

[Product Information](#)



Decarbonizing Heat and Industry: The Role of Finland's Sand ...

Finland has taken a bold step in clean energy innovation by launching the world's first commercial sand battery. This thermal storage system uses heated grains to retain energy ...

[Product Information](#)

A review of the current status of energy storage in Finland and ...

This paper has provided a comprehensive review of the current status and developments of energy storage in Finland, and this information could prove useful in future ...

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Groundbreaking ceremony marks commencement of one of Finland...

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 ...

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Giant Sand Battery Powers Up in Breakthrough for Clean Energy

Finland has unveiled the world's largest sand battery, a groundbreaking energy storage system designed to capture surplus power from renewable sources such as wind and solar. Standing ...

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50KW modular power converter



Flexible Configuration

- Modular Design, Expanding as Required
- Small/Light, Wall Mounted
- Installed in Parallel for Expansion



Powerful Function

- Support PV/ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



Reliable Protection

- Outdoor IP65 Design
- Full-Scale Protection Functions Equipped

[ECO STOR to Build 50MW Battery in Finland](#)

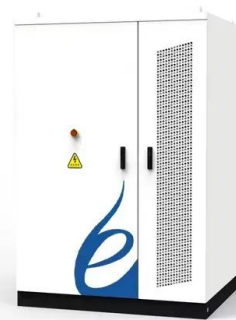
ECO STOR, a Norwegian company, is developing a 50MW/1hr battery energy storage system (BESS) in central Finland near Uleåborg, following a final investment decision ...

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

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 ...

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Storing Clean Energy: Ilmatar's First Battery Energy Storage ...

Ilmatar's newly developed Ainola Battery Energy Storage System (BESS) has been commissioned at the Piiparinmäki wind farm in North Ostrobothnia. It is one of the largest ...

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[Ardian Reaches FID on Finnish Battery](#)

With this addition, Ardian's Nordic clean energy portfolio now exceeds 500MW. It follows investment in Mertaniemi battery storage energy project in February 2024, expected to ...

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