



GermanSolarZA

# Power storage systems factory in Finland





## Overview

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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.

What drives the Finnish storage market?

Revenues in the Finnish storage market have largely been driven by ancillary services, primarily mFRR, aFRR, FCR-N, FCR-D, and FFR, but opportunities in energy trading are also increasing with the renewables buildout.

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 the largest ready-to-build Bess project in Finland?

The firm said it the project in Nivala, in the Northern Ostrobothnia region of Finland, is the largest ready-to-build (RTB) BESS in Finland. The previously claimed largest project in the country was one that independent power producer (IPP) Neoen started construction on in January 2024, at 56.4MW/112.9MWh.



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

Ingrid is developing the battery energy storage system (BESS) project in partnership with investor SEB Nordic Energy portfolio company Locus Energy for a commercial operation date (COD) in 2026. The firm ...

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

Ingrid is developing the battery energy storage system (BESS) project in partnership with investor SEB Nordic Energy portfolio company Locus Energy for a ...



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## **Finland's Largest Battery Storage: Hitachi Energy's 125MW ...**

Hitachi Energy will supply Finland's largest 125MW battery storage system for Alpiq in Haapajärvi, scheduled for mid-2027, to bolster grid stability and support the nation's energy ...

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## **Merus Power built its own energy storage facility in Lempäälä, Finland**

Merus Power has built its own 1 MW / 1 MWh energy storage for product development and testing. The energy storage facility is located in Lempäälä, Finland, and ...

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## 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 ...

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## **Hitachi Energy to Power Finland's Largest Battery Storage System**

Matti Vaattovaara, Managing Director, Hitachi Energy Finland. Global energy storage capacity is expected to grow sixfold by 2030 (IEA1), and commitments made at COP292 ...

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## One of Finland's largest electricity storage systems ...

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## [Hitachi Energy and NEPower to equip Finland's](#)

Hitachi Energy's battery storage power conversion solutions are aimed to maximise system performance and strengthen the stability of Finland's grid. The scope of supply also ...

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