

# Finland Base Station Energy Storage System Project



## Overview

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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 green electrification. The project marks Ingrid Capacity's first two-hour system and its debut in. 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. The lithium-ion-based storage facility is now operational. Switzerland-based energy company Alpiq is building the 125 MW / 250 MWh facility to support Fingrid's. The energy storage facility delivered by Merus Power to Lappeenranta, Finland, has been completed and put into market use on 15 May 2025.

## Finland Base Station Energy Storage System Project



### 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 owned by a ...

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### DNA Tower and Elisa DES Lead Grid Markets in Battery Power

DNA Tower Finland, a Telenor Towers company, has effectively used Elisa Industriq's AI-based Distributed Energy Storage (DES) technology to link base station batteries to the Finnish ...

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### Hitachi Energy to deliver power conversion solutions for Finland's

Hitachi Energy has signed an agreement with Nordic Electro Power (NEPower) to provide advanced power conversion technology for Finland's largest battery energy storage system ...

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

The lithium-ion-based storage facility is now operational. With a power capacity of over 40 megawatts and an energy capacity exceeding 80 megawatt-hours, it is one of the largest in Finland.

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## Finland's largest Battery Energy Storage System (BESS)

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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 store and ...

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## Groundbreaking ceremony marks commencement of one of Finland's ...

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 ...

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## Finland Power Storage Base: Innovations, Trends, and Case

## Studies



With projects ranging from underground thermal vaults to cutting-edge battery systems, Finland's approach to energy storage is about as diverse as its famous midnight sun phases.

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### A review of the current status of energy storage in Finland and future

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 ...

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### Finland's Largest Battery Storage Begins Construction

Industry insiders will note the capability of the 70-megawatt battery system, which will enter operational status by the latter half of next year. This facility promises to store energy for up to ...

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### 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 green ...

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