

# **Finland Grid Energy Storage Project**





## 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.

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.

Will Finland build a grid energy storage facility?

Finland is currently experiencing an unprecedented interest in the construction of grid energy storage facilities. With more than 30 GW of new requests for storage connection, preventative restrictions have been placed on new connections due to the shortage in available grid connection capacity.

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.



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Fluence to provide BESS for NTR's grid ...

Apr 30, 2025 · NTR has signed contracts with all the key equipment and contractor partners for the ready-to-build (RTB) Uusnivala battery energy ...

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Fingrid extends restrictions on new energy storage facility ...

Oct 2, 2025 · Finland is currently experiencing an unprecedented interest in the construction of grid energy storage facilities. With more than 30 GW of new requests for storage connection, ...

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Finland's Largest Battery Storage Begins Construction

Mar 5, 2025 · 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 ...

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Groundbreaking ceremony marks ...

May 27, 2025 · SEB Nordic Energy's portfolio company Locus Energy, in collaboration with Ingrid Capacity, proudly announces the groundbreaking ...

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Grid-forming battery storage: Finland's Unique 2024 Launch

Oct 31, 2025 · This demonstrates the rapid pace of innovation and deployment within Finland's energy technology sector. A Grid-forming battery storage Model for the Nordic Region The ...

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Lapland's SIMO Storage Project Reaches 130MW Total ...

Oct 20, 2025 · The entire project will occupy approximately 1.2 hectares. The primary function of this storage system is to stabilize grid operations and enable greater renewable energy ...

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

Jul 15, 2024 · 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 ...

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Finland's Energy Storage Revolution: Project Planning Insights

Why Finland Leads Europe's Battery Storage Boom With wind power generation jumping 23% year-on-year in Q1 2025 [1] and solar capacity projected to triple by 2027 [3], Finland's energy ...

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Finland's Largest Battery Storage Begins ...

Mar 5, 2025 · Finland's authorization of its largest battery-storage project marks a pivotal point in the renewable energy landscape. As energy ...

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Groundbreaking ceremony marks commencement of one of Finland...

May 27, 2025 · 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 ...

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One of Finland's largest energy storage facilities ...

May 16, 2025 · 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 ...

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Finland to host 240 MWh of new BESS projects

Mar 11, 2025 · 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 ...

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Fluence to provide BESS for NTR's grid-forming Finland project

Apr 30, 2025 · NTR has signed contracts with all the key equipment and contractor partners for the ready-to-build (RTB) Uusnivala battery energy storage system (BESS) project. The 2-hour ...

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