

SolarInvert Energy Solutions

Helsinki battery energy storage project construction



Overview

Haapajärvi, 30 June 2025 — NEPower and Alpiq, a leading Swiss electricity producer and energy service provider, have signed an agreement on the construction of a grid connection to the largest battery energy storage system (BESS) to be built in Finland, to date and a related 110/33 kV substation in Haapajärvi. 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.

Is Ingrid developing a battery energy storage system?

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 said it the project in Nivala, in the Northern Ostrobothnia region of Finland, is the largest ready-to-build (RTB) BESS in Finland.

Why is the battery energy storage system in Nivala a good investment?

The battery energy storage system in Nivala is an investment that further diversifies the Fund's Finnish portfolio, further advancing the renewable energy transition, —aligned with the Fund's mission to accelerate renewable energy solutions” says Richard Gavel, Portfolio Manager, SEB Nordic Energy.

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.

What is the largest Bess project in Finland?

A render of the project in Finland. Image: Ingrid Capacity. 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.

Helsinki battery energy storage project construction

12.8V 200Ah



Ingrid Capacity building largest BESS in Finland

Mar 5, 2025 · Ingrid is developing the battery energy storage system (BESS) project in partnership with investor SEB Nordic Energy portfolio company ...

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Finland Powers Up: Helen Launches the 40 MW ...

Jul 25, 2024 · Finnish utility Helen launches a 40 MW battery project to stabilize the grid and integrate renewables. To learn more about the project check our ...

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Finland's first battery materials plant set for construction in ...

Mar 20, 2025 · Construction of Finland's first cathode active material (CAM) plant will begin in April 2025 in Kotka. The facility, developed by Easpring Finland New Materials Oy, will supply ...

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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 stakeholders ...

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Finland's Huge Battery-Storage Project to Start Construction

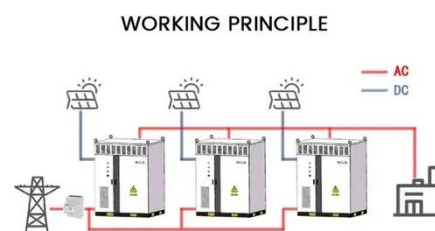
Mar 5, 2025 · The final investment decision, taken in late February by SEB Nordic Energy's Locus Energy and Ingrid Capacity AB, means construction in Nivala will start immediately.

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Under Construction: Biggest battery storage in ...

Jun 17, 2020 · When French renewable energy expert Neoen wanted to build the Nordics' largest battery storage unit in Finland, Fingrid was ready and eager to ...

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The major Battery Storage projects from around ...

Aug 8, 2025 · We provide a detailed report on all the major Battery Storage

construction projects around the world
with key focus on the largest projects in
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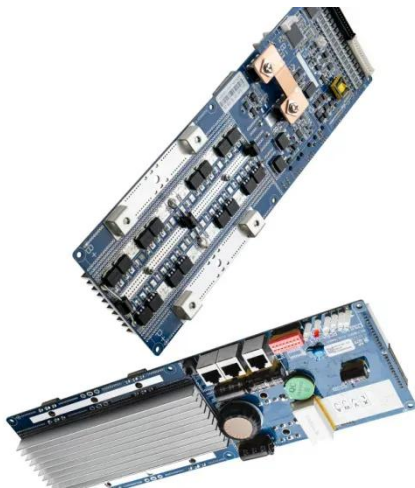
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RPC marks next stage of BESS development in Finland

Renewable Power Capital is a London-headquartered pan-European renewables company established in 2020, with the backing of CPP Investments. RPC invests in the development, ...



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One of Finland's largest BESS reaches ready-to ...

May 26, 2025 · A 125 MW battery energy storage system (BESS) in Finland reaches ready-to-build status--one of the country's largest BESS projects to ...

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Finland's Huge Battery-Storage Project to Start Construction

Mar 5, 2025 · (Bloomberg) -- A battery-

storage project that will become the biggest in Finland has been given the go-ahead to start construction. The final investment decision, taken in late ...

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

Jul 15, 2024 · The review shows that in recent years, there has been a notable increase in the deployment of energy storage solutions. There has especially been growth in utility-scale ...

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finland distributed energy storage service project

MW Storage and Fluence deepen partnership to deliver their third energy storage project in Finland MW Storage, a Swiss investment fund experienced in financing, developing, and ...

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Finland's Giant Battery Storage Project Set to Transform Energy ...



A groundbreaking renewable energy initiative is about to take shape in Finland, as a massive battery storage project is set to commence construction soon. This ambitious endeavor aims ...

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Sungrow Commissions 60MWh Battery Storage Project in Finland...

May 17, 2025 · Global solar and energy storage leader Sungrow has announced the successful commissioning of a 60MWh Battery Energy Storage System (BESS) project in Simo, Finland, ...

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Neoen launches construction of Yliskälä Power Reserve Two in Finland

Dec 27, 2023 · Nidec will have the overall responsibility of the construction project and will supply the battery containers, battery cells and inverters. The 56.4 MW / 112.9 MWh lithium-ion 2 ...

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Ingrid/SEB, Monsson building Finland and ...

May 29, 2025 · Battery energy storage system (BESS) operator Ingrid Capacity and investor SEB Nordic Energy portfolio company Locus Energy have ...

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Utility Helen launching 40MW BESS in Finland

Feb 8, 2024 · Utility Helen is launching a 40MW battery energy storage system (BESS) project in Nurmijärvi, southern Finland, for 2025 commercial operation.

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NTR Signs Key Contracts for Uusnivala Battery Energy Storage ...

Apr 30, 2025 · NTR has contracted partners for a 55MW battery storage project in Finland, enhancing energy resilience and supporting decarbonization efforts.

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Foundation stone laid for one of Finland's largest battery energy



May 27, 2025 · SEB Nordic Energy's portfolio company Locus Energy, in collaboration with Ingrid Capacity, has announced the start of construction work on Finland's largest battery energy ...

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Finland's Huge Battery-Storage Project to Start ...

Mar 5, 2025 · A battery-storage project that will become the biggest in Finland has been given the go-ahead to start construction.

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Neoen building largest Nordic battery as market ...

Jan 30, 2024 · Neoen has started construction on a 2-hour 56MW/113MWh battery storage project in Finland, the largest in the Nordics.

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Milestone BESS news in Finland, Netherlands, ...

Nov 26, 2024 · Merus Power's project in Finland, currently the largest online in

the country. Image: Merus Power. A flurry of major grid-scale BESS news in ...

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Finland to host 240 MWh of new BESS projects

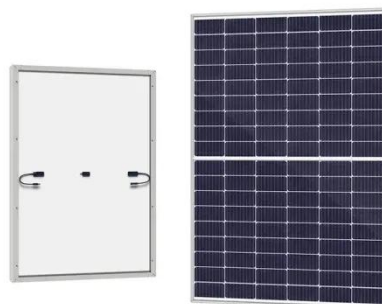
Mar 11, 2025 · Swedish flexible assets developer and optimizer Ingrid Capacity has joined hands with SEB Nordic Energy's portfolio company Locus Energy to develop what is claimed to be ...

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FRV and AMP Tank partner for first joint battery ...

Nov 7, 2024 · FRV, part of Jameel Energy, has announced a strategic joint venture with AMP Tank Finland Oy, a developer of energy storage systems in ...

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FRV and AMP Tank Partner for First Joint Battery ...

This collaboration marks the development of the first joint Battery



Energy Storage System (BESS) 60 MWh site in Simo, Finland, located at the top of the Baltic ...

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The operation of the Battery Energy Storage System to start ...

Jun 3, 2025 · The Battery Energy Storage System will contribute, for its part, to securing an uninterrupted supply of electricity in Finland. The primary purpose of the Battery Energy ...

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Finland's Winda Energy Launches First Grid-Scale Battery Project

Aug 13, 2025 · Winda Energy has announced a 30MW/60MWh battery energy storage project in Rautavaara, Finland, marking its entry into the energy storage sector with construction set for ...

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Foundation stone laid for one of Finland's largest battery energy

May 27, 2025 · When commercial operations begin in 2026, the system will balance the Finnish electricity grid and support the growth of renewable energy in Finland. The groundbreaking ...

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Alpiq investoi Suomen suurimpaan sähkövarastohankkeeseen

Mar 25, 2025 · The Swiss energy company Alpiq and Pohjan Voima have today agreed on the acquisition of the Pysäysperä battery energy storage system (BESS) project. Located in ...

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FRV, AMP Tank Launch 60-MWh Battery in Finland



Nov 6, 2024 · FRV and AMP Tank are powering Finland's future with a groundbreaking 60-MWh battery storage system, paving the way for a cleaner, renewable energy landscape.

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NEPower (Nordic Electro Power Oy) and Alpiq signed an ...

Haapajärvi, 30 June 2025 -- NEPower and Alpiq, a leading Swiss electricity producer and energy service provider, have signed an agreement on the construction of a grid connection to the ...



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OX2 sells battery energy storage project in Finland

Aug 1, 2024 · The battery energy storage project Uusnivala will have a total capacity of 50MW / 110 MWh and provide the Finnish grid system with ancillary services to help regulate ...



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