

Expected ROI of containerized BESS project in Finland 2025





Overview

Why does Finland need Bess?

The need for BESS is exceptionally high in Finland because the country has set one of the world's most aggressive climate targets. The government has a legal obligation to reach carbon neutrality by 2035. Renewable energy sources account for over 50% of electricity production, and several renewable projects are being planned or developed.

How does Bess work in Finland?

BESS operators can also participate in cross-border markets to provide storage capacity for ancillary services, such as frequency regulation, which helps maintain grid stability and reliability. Ancillary services are currently the primary revenue source for BESS in Finland.

Where is the Bess project located?

The BESS project is located in the Southern Ostrobothnia region of Finland, with construction expected to start during Q2 2025 and operations commencing in the following year.

What is a Bess project?

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 Finland.

When will the Bess be built?

Construction is expected to start during Q2 2025, with operations of the BESS commencing in 2026. Fu-Gen AG is a Swiss-based renewables developer and independent power producer with a strong track record of developing, financing, constructing, and operating renewable energy assets.



How will the Finnish government help to accelerate Bess investments?

Moreover, the Finnish government is improving policy support with tax exemptions for certain green investments, including battery storage, to meet the climate targets. These policies will help to accelerate BESS investments further by making them even more attractive financially.



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Ardian Clean Energy Evergreen Fund (ACEEF) Expands Finnish ...

o The investment forms part of Ardian Clean Evergreen Fund's (ACEEF) wind power and battery storage strategy in Finland o Investment and project execution led by ...

[Battery Energy Storage Systems](#)

t of setting up a BESS Project. The Costs of cells are expected to Decline from USD 95/ kWh in F 2025 to USD 68/kWh in FY 2030. This will make BESS Projects mor Over the past 10 years, ...



[Battery Energy Storage Systems Report](#)

This information was prepared as an account of work sponsored by an agency of the U.S. Government. Neither the U.S. Government nor any agency thereof, nor any of their employees, ...



Saudi Arabia invites Bids for 2,500MW Battery

Saudi Electricity Company (SEC) issued tender for Battery Energy Storage Systems (BESS) having Combined Capacity of 2,500 MW across Saudi Arabia. Battery Energy Storage System (BESS) plant will provide Load ...



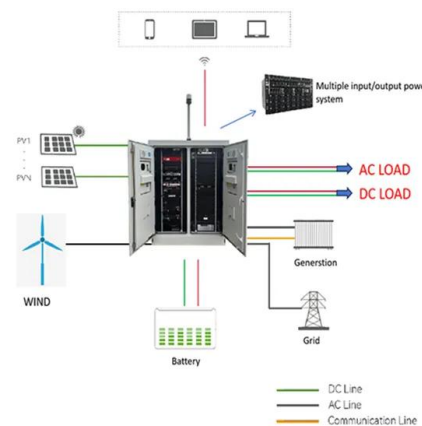
Three BESS projects in UK granted approval, as ...

The storage facility is expected to be operational by October 2025. Meanwhile, Eku Energy's 40 MW/40 MWh BESS in Maldon, Essex, has come online. It is the company's first UK project to reach commercial ...



The rise of bankable BESS projects in Europe

As the renewable energy sector rapidly evolves, battery energy storage systems (BESS) are emerging as a critical pillar for decarbonization. However, with capital constraints and rising market volatility, not all projects ...



Ardian invests in 38.5 MW Finnish BESS project

Ardian, a private investment house, in partnership with its operating platform eNordic, has announced it has made a Final Investment Decision (FID) to build Mertaniemi battery energy storage project, a 38.5 MW ...





Outlook 2025: The future of the utility-scale BESS market

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...



Nala Renewables acquires BESS project and ...

The BESS project is located in the Southern Ostrobothnia region of Finland, with construction expected to start during Q2 2025 and operations commencing in the following year.

India's First Commercial Utility-Scale Battery Energy Storage ...

The BRPL BESS project is the first commercial standalone BESS project at the distribution level in India to receive regulatory approval for a capacity tariff and will play a ...



India's First Utility-Scale Standalone Battery Energy Storage ...

NEW DELHI , 8 May, 2025 -- The GEAPP Leadership Council (GLC) today officially announced the launch of India's first utility-scale, standalone Battery Energy Storage System (BESS) ...



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 commercial operation date (COD) in 2026. The firm said it the ...



European BESS Container Market Trends 2025: Data-Driven ...

12 ????· If Europe's energy transition were a marathon, BESS container systems would be the unsung pacemakers--keeping grids steady when wind dies and solar sleeps. This article ...

[Big opportunities for BESS in 2025](#)

Phase one alone is expected to deliver annual consumer savings of £29-£32 million while continuing to decarbonise the power system. A pivotal year ahead for BESS The Labour Government's ambition to accelerate ...



FINNISH BESS MARKET , Capalo AI - Unlock the Full Potential ...

The need for BESS is exceptionally high in Finland because the country has set one of the world's most aggressive climate targets. The government has a legal obligation to reach carbon ...



CATL's TENER Stack: 9 MWh Containerized Stacked ...

CATL showcased its latest TENER Stack series containerized 9 MWh battery energy storage system (BESS), targeting Europe's data centers, industrial applications, and more, at Intersolar Europe 2025.



[Utility Helen launching 40MW BESS in Finland](#)

A wind farm in Finland owned by Helen, a utility. Image: Helen Oy. Finnish utility Helen is launching a 40MW battery energy storage system (BESS) project in Nurmijärvi, southern Finland, and aims to begin commercial ...

BESS Container Sizes: How to Choose the Right ...

Not sure which BESS container size fits your project? Discover the differences between 20ft, 40ft, and modular systems--plus expert tips to help you choose the right solution. Start planning today with confidence!



Saudi Arabia invites Bids for 2,500MW Battery

Saudi Electricity Company (SEC) issued tender for Battery Energy Storage Systems (BESS) having Combined Capacity of 2,500 MW across Saudi Arabia. Battery Energy ...



AI BESS Container Secrets: How AI Juggles Your 2025 Energy ...

For BESS containers in 2025, manual charge/discharge schedules are like using a sundial in a drone race. This article reveals how AI algorithms (using real-time price signals, ...



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EY advises Fu-Gen on sale of a 50 MW BESS project ...

The large-scale battery energy storage (BESS) project is located in the Southern Ostrobothnia region of Finland. Construction is expected to start during Q2 2025, with operations of the BESS commencing in 2026.



[Finland price forecast S1 2025 updated](#)

We have released the latest update to our price forecast for Finland - one of the most dynamic and rapidly evolving energy markets in Europe. With multiple accessible ...





India's first commercial 20 MW BESS set to go live

China's Sungrow deploys 60MWh BESS in Finland
The BESS project is located less than 100 km south of the Arctic Circle and is made up of 26 Sungrow PowerTitan battery ...



Report: U.S. BESS suppliers to double as tariff ...

U.S. Assembled Modules: The number of suppliers is expected to grow from 12 in 1H 2025 to 16 by 1H 2027; a 33% increase. U.S. Made Cells + Modules: There is a notable increase of 43% in complete domestic modules, ...

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