

# **BESS project financing options in Sweden 2030**





## Overview

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Does BW ESS have a green loan agreement with Nordea?

On 28 April 2025, BW ESS, through a partnership with Ingrid Capacity AB, announced that it had entered into a green loan agreement with Nordea in order to finance a 211 MW operational BESS portfolio in Sweden. The portfolio of 14 large-scale BESS facilities is the largest in the Nordics.

Does BW ESS have a green loan?

BW ESS has secured a SEK 628 million green loan from Nordea Bank to finance its 211 MW/211 MWh battery storage portfolio in Sweden, marking the largest BESS financing deal in the Nordics to date. April 28, 2025. By Mrinmoy Dey.

Did BW ESS borrow money from Nordea Bank?

Zurich-based BESS owner-operator BW ESS has borrowed SEK 628 million (\$64.8 million) from Finland's Nordea Bank for its 14-project battery energy storage system (BESS) portfolio in Sweden. The transaction is the company's first external financing and is understood to be the largest BESS financing in the Nordics to date.

What is BW ESS financing?

The transaction is BW ESS' first external financing and is understood to be the largest battery energy storage system (BESS) financing in the Nordics to date.

Which Bess projects are in the pipeline in Sweden?

Most BESS projects in the pipeline in Sweden are 1-hour systems, with the business case still very much centred around ancillary service markets. One of the first European-owned gigafactories for battery cell production, Northvolt's Ett was built in Sweden, and the company is collaborating with Volvo to build the country's second site.



Does Bess work in the Swedish electrical infrastructure?

The last part of the literature study was devoted to the implementation of BESS in the Swedish electrical infrastructure, where regulations and permits were examined surrounding BESS implementation. Then, information about the factors one must consider when doing a BESS project or wants to construct a BESS site.



## BESS project financing options in Sweden 2030

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### [BBDF 2025: Understanding BESS project bankability](#)

Financing remains one of battery energy storage system's (BESS) biggest talking points, as bankability, risk mitigation, insurance, and more.

### [BESS programme: A game changer for the Malaysian ...](#)

This BESS project spans over 15 years, which is quite good compared with other countries," he reckons. As this marks Petra's inaugural standalone BESS programme, Chong emphasised that pioneering the initiative ...



### **The BESS Brief - Part 2: BESS Financing is Entering a New Phase**

Today, we are seeing non-recourse project finance for 600+ MW portfolios, mezzanine debt entering the capital stack, and public banks co-financing with private lenders. ...

### [£220m funding secured for Eccles 400MW battery storage](#)

Zenob? secures £220m in funding for Eccles 400MW BESS, marking one of Europe's largest battery financings and supporting the UK's green



energy goals.



### Largest battery storage financing in the Nordics to date financing

On 28 April 2025, BW ESS, through a partnership with Ingrid Capacity AB, announced that it had entered into a green loan agreement with Nordea in order to finance a ...

### Derisking BESS projects

The global BESS market is projected to be bolstered by an annual growth rate of 21% to reach 442GWh by 2030, according to forecasts from BloombergNEF. However, while ...



### [BW ESS secures financing for 331 MWh BESS project in UK](#)

The transaction follows a competitive financing process. The BESS project benefits from a market-first seven-year tolling agreement with Shell Energy Europe. It was ...





## Sweden and Finland surge ahead of Norway for BESS deployments

Rendering of a 70MW project in development by Ingrid Capacity in Sweden. Image: Ingrid Capacity. While Norway once aimed to be the 'battery of Europe' it has since ...



## Derisking BESS projects

The global BESS market is projected to be bolstered by an annual growth rate of 21% to reach 442GWh by 2030, according to forecasts from BloombergNEF. However, while BESS projects are also growing in size and ...

## [Successful Sale of 10MW Battery Energy Storage](#)

...

Stockholm. 2024.12.18 - Helios Nordic Energy, a leader in utility PV and BESS project development in the Nordics, has successfully completed the sale of a 10MW Battery Energy Storage System (BESS) located outside the city of ...



## ["The addition of BESS can mitigate the risk of long ...](#)

Which are your preferred offtake options for BESS assets? When we have a standalone, grid-connected BESS, we look at tolling agreements or some profit-sharing mechanisms. This depends on our project finance ...



### **EY financial advisor in divestment of Swedish battery storage ...**

Summary EY Corporate Finance financial advisor to Swiss renewables developer and IPP Fu-Gen in its divestment of a Swedish portfolio in excess of 100 MW Battery ...



### **Battery Energy Storage Systems (BESS)**

Ongoing Early scoping and document review underway with World Bank and Belize Government teams to support the World Bank's 40MW BESS project (4 sites). Leveraging financing from the Canada Clean Energy and Forest Climate ...

### **Battery Energy Storage Financing Structures and Revenue ...**

Discusses the fixed and variable offtake structures project company (special purpose vehicles project owners or project sponsors establish to own the project assets and enter into the ...





[Sweden's largest battery goes online - pv magazine ...](#)

14 large-scale battery storage systems (BESS) have come online in Sweden to deploy 211 MW / 211 MWh into the region. Developer and optimizer Ingrid Capacity and energy storage owner-operator BW

**'Extremely attractive revenues' for battery storage in Nordics**

That announcement coincided with two large-scale BESS in Sweden being progressed by their owners. IPP Ilmatar now has a 50MW PV, 20MW BESS in Knihult fully ...



**What Investors Want to Know: Project-Financed Battery Energy ...**

Battery energy storage systems (BESS) store electricity and flexibly dispatch it on the grid. They can stack revenue streams offering arbitrage, capacity and ancillary services ...

[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 ...



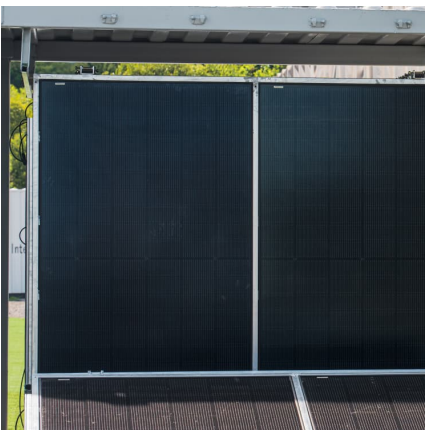


### [RES Successfully Closes Sale of 70MW BESS Project](#)

Gothenburg, 27 February 2025 - RES, the world's largest independent renewable energy company, has successfully completed the sale of a fully ready-to-build 70MW/160MWh battery ...

### **Ingrid Capacity and Locus Energy Link for 196MW Swedish BESS ...**

Ingrid Capacity has teamed up with Locus Energy to deploy 196MW of battery energy storage system (BESS) capacity in southern Sweden. The partnership will see the ...



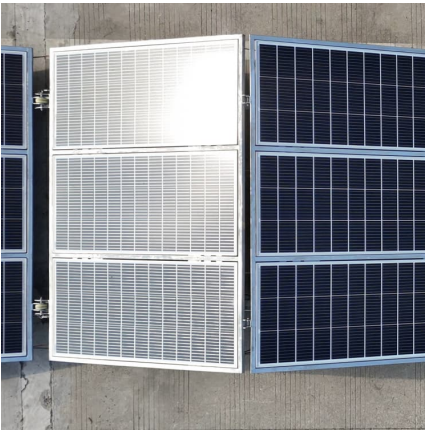
### [The rise of bankable BESS projects in Europe](#)

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 ...

### [The Art of Financing Battery Energy Storage Systems ...](#)

Bringing it all together Elgar Middleton has extensive knowledge of, and experience in financing, co-located BESS, standalone BESS, BESS duration, warranty duration, cycling, degradation, floors, fixes as well as ...





### **Battery Energy Storage Systems (BESS) as a Key Flexibility ...**

BESS profitability, BESS investments by utilities are less common. However, with plans to increase battery capacity by 2030 and regulatory improvements, BESS investments are ...

### **Battery Energy Storage Systems (BESS)**

Ongoing Early scoping and document review underway with World Bank and Belize Government teams to support the World Bank's 40MW BESS project (4 sites). Leveraging financing from ...



### **BW ESS, Ingrid Ink SEK 628 Mn Loan For 211 MW BESS Project ...**

The portfolio of 14 large-scale BESS facilities is one of the largest in the Nordics. It was inaugurated by Sweden's Minister for Climate and the Environment, Romina ...

### **Implementation of battery energy storage system in the ...**

The discussion part will use the literature review to discuss the key motivators, risks, and future potential to do a BESS project in the Swedish electrical infrastructure.



[European BESS offtake & financing - state of play](#)

Timera Energy look at offtake & financing conditions across key BESS markets, optimisers & offtake contract structures and the evolution of battery debt financing



[Proforma Financial Model of BESS - Acelerex](#)

Financing Costs: Interest payments and debt servicing, which can significantly influence the overall cost structure of a BESS project. Equity return requirements for investors, ensuring a ...



**Sweden: SENS secures land for 50MW battery storage project**

The Swedish grid-scale market has picked up in the last few years. This BESS co-located with a solar PV farm was deployed by Soltech in 2022 for developer Alight. Image: ...





### [Neoen starts building Sweden's largest battery ...](#)

The project is the largest in Sweden which is under construction. Image: Neoen. Independent power producer (IPP) Neoen and system integrator Nidec have started construction on a 93.9MW/93.9MWh battery energy ...



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