

## Global PV Storage Insights

# Residential ESS 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 & Ingrid capacity get a green loan?

BW ESS and Ingrid Capacity have secured a US\$65 million green loan financing from Nordea Bank for a jointly-owned 211MW portfolio in Sweden.

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?

BW ESS is the BESS investment arm of shipping and energy group BW Group. The firms claimed the financing is the largest BESS financing in the Nordics to-date. Axel Holmberg, CEO of Ingrid Capacity, said: "This financing is more than a milestone—it's proof that the market sees what we see: battery storage is not just an emerging technology.

How much money does BW ESS invest in Ingrid capacity?

BW Group invested around SEK 1 billion into Ingrid Capacity in April 2023. According to BW ESS' website, the 14 batteries which are the subject of the green loan are between 5 MW and 20 MW in scale and "generally" have an hour of storage capacity. BW ESS is active in the UK, Australia, Italy, Germany, and Sweden.

## Residential ESS project financing options in Sweden 2030

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### ESS Technologies: Recent advances and policy ...

The country aims to achieve 500 GW of non-fossil-fuel-based capacity by 2030, requiring extensive deployment of energy storage systems (ESS) - particularly pumped storage projects (PSPs), battery energy storage ...

### C& I ESS in Sweden

Project Scale 1MW/1MWh Project Highlight We are thrilled to share the successful operation of CNTE latest C& I ESS (1MW/1MWh) in Sweden --another significant ...



### Energy Storage Systems (ESS) Overview

3 ???· Energy Storage Systems (ESS) Overview India has set a target to achieve 50% cumulative installed capacity from non-fossil fuel-based energy resources by 2030 and has pledged to reduce the emission intensity of its ...

### European residential BESS industry , McKinsey

Manufacturers of residential battery energy storage systems in Europe face competitive pressure from players in Asia--and they need to adjust their strategies to stay ahead.



## Residential Energy Storage System

Residential Energy Storage System Experience a new level of energy independence with LiFe-Younger's advanced Residential Energy Storage System. Designed ...



## Residential ESS Market Growth, Share & Forecast 2023-2030

Residential energy storage system (ESS) market is anticipated to grow at an exponential CAGR of 23.8% during the forecast period.



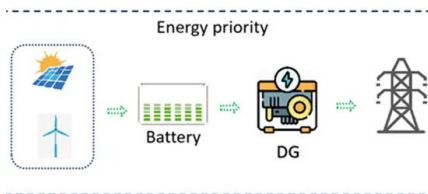
## Top 10 Energy Storage System Manufacturers of 2023

Explore Energy Storage Systems (ESS), critical factors in choosing manufacturers, and top brands in the industry for a resilient energy future.



## Ingrid Capacity, BW ESS inaugurate 211 MW of BESS in Sweden

The partnership between the two companies started in April 2023 when BW ESS invested about SEK 1 billion (USD 96m/EUR 88m) in Ingrid Capacity to support its growth and ...



## Residential Energy Storage Market Size & Trends, ...

The global residential energy storage market size was valued at USD 2.69 billion in 2024 and to reach USD 4.58 billion by 2030, growing at a compound annual growth rate (CAGR) of 9.3% from 2024 to 2030.

## BW ESS secures financing for 331 MWh BESS project in UK

BW ESS has secured debt financing for the 100 MW/331 MWh battery energy storage system (BESS) project in Bramley, Hampshire, in UK. Under this agreement, the ...



## Europe's energy storage fleet reaches 89 GW

The fleet of energy storage projects in Europe, including both pumped hydro and battery energy storage systems of all sizes, is expanding rapidly. This growth is set to continue ...

## Sweden's largest battery goes online - pv magazine ...

Developer and optimizer Ingrid Capacity and energy storage owner-operator BW ESS have been working in partnership to deliver 14 large-scale BESS projects throughout Sweden's grid, situated in



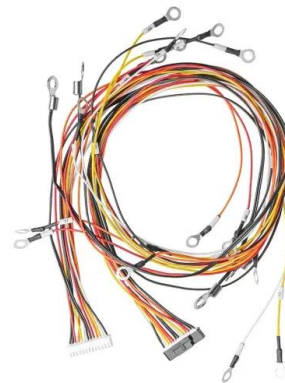
## BW ESS and Nordea Bank sign largest ever battery ...

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

## BW ESS Secures SEK 628m Green Loan for Largest Battery ...

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BW ESS has secured a SEK 628m green loan from Nordea Bank for its 211MW/211MWh portfolio of operational battery storage assets in Sweden, owned in partnership with Ingrid Capacity. ...



## Residential All-In-One Energy Storage Systems (ESS) Market

Pricing Dynamics in Residential ESS Markets: Segmentation and Financing Innovations In mature Residential All-In-One Energy Storage Systems (ESS) markets like the ...

## BW ESS

BW ESS is a global energy storage owner-operator, moving with speed to deliver market-leading projects across multiple countries. Through Greenfield origination and development partnerships, we have grown a pipeline of about 9.5GW ...



## BW ESS, Ingrid bag US\$65m green loan for 211MW ...

The green loan financing covers the already-operational 211MW/211MWh portfolio of 14 battery energy storage system (BESS) projects, which came online over the course of 2024, the largest portfolio in Sweden. ...

## South Korea Aims to Secure 35% of the Global ESS Market by 2036

According to a report by energy market research firm Bloomberg New Energy Finance (BNEF), excluding pumped hydroelectric storage, the global ESS capacity is projected ...

### Highvoltage Battery



## Scaling the Residential Energy Storage Market

Executive summary The residential battery storage market is rapidly growing, and many governments subsidize consumer adoption of batteries to accelerate the smooth integration of ...

## BW ESS gets Nordea loan for 211-MW battery ...

The green loan agreement was signed with Nordea Bank and is BW ESS' first external financing transaction, the company said on Monday. According to it, this is the largest battery energy storage system (BESS) ...

Solar



**2MW / 5MWh  
Customizable**

## Global Residential PV-ESS System Market 2024 by ...

Chapter 2, to profile the top manufacturers of Residential PV-ESS System, with price, sales quantity, revenue, and global market share of Residential PV-ESS System from 2019 to 2024.

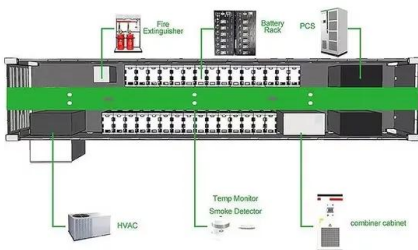
## Sweden

Capacity and price targets o The proposal by the Swedish Energy Agency suggests a green hydrogen production target between 22-42 TWh of green hydrogen by 2030, and 44-84 TWh by 2045. o The Swedish Energy Agency ...



## BW ESS and Ingrid Capacity building 200MW+ of BESS in Sweden

Ingrid Capacity and the storage arm of BW Group are now building 14 BESS projects in Sweden with a combined capacity of over 200MW.



## 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 ...



## Energy Storage Market in India

Solar and wind power supply fluctuates, Energy storage systems (ESS) play a crucial role in smoothening out this intermittency and enabling a continuous supply of energy when needed. Thus, for sustainable renewable energy ...

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

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 been overtaken other Nordic countries Sweden and ...



## Roadmap for India: 2019-2032

Energy Storage System Roadmap for India 2019-32 Energy Storage System (ESS) is fast emerging as an essential part of the evolving clean energy systems of the 21st century. Energy ...



## Energy Storage Systems (ESS) Overview

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## **Ingrid Capacity, BW ESS inaugurate 211 MW of BESS ...**

The partnership between the two companies started in April 2023 when BW ESS invested about SEK 1 billion (USD 96m/EUR 88m) in Ingrid Capacity to support its growth and advance a 400-MW pipeline of BESS ...

To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100-215kWh High-capacity
- ✓ Intelligent Integration



## **How to Size a Residential Energy Storage System (ESS) for EV ...**

Learn how to size a residential ESS for EV charging across Europe. Discover key sizing formulas, real-world examples, and Ultimat Energi solutions.

## US Energy Storage Market Size & Industry Trends 2030

The United States Energy Storage Market is expected to reach 49.52 gigawatt in 2025 and grow at a CAGR of 21.62% to reach 131.75 gigawatt by 2030. Tesla Inc., Fluence ...



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