

Total investment cost of BESS project in Poland





Overview

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The funding under the Scheme is estimated at PLN 4 billion, including PLN 3.6 billion in grants and PLN 400 million in loans. Funding under the Program will be granted to entrepreneurs (within the meaning of the Polish Entrepreneur's Law). It will be available for the construction of energy storage.

Poland has finalized a comprehensive subsidy program aimed at accelerating the deployment of battery energy storage systems (BESS), with a total budget of PLN 4 billion (approximately €1 billion). The program is co-financed by the European Union's Modernization Fund and the Recovery and Resilience.

The European Commission has approved a EUR1.2 billion aid package to support Poland's rollout of BESS, aiming to establish at least 5.4 GWh of storage capacity. This significant investment is part of a broader strategy to position Poland as an attractive market for energy storage developers.

A total of 630 applications were received for 20 GW and 122 GWh of BESS, exceeding the program's budget sevenfold [5]. The program offered grants covering up to 40% of investment costs, with an extra 10% for medium-sized and 20% for small enterprises. Moreover, preferential or market loans could.

The European Commission has approved a Polish scheme to support investments in electricity storage systems worth 1.2 billion euros. This is stated in a message on the website of the European Commission. The scheme was approved under the Temporary Crisis and Transition Framework (TCTF), adopted by.

The 27th Enex Trade Fair, held on February 18-19, 2025, in Kielce, Poland,



underscored the pivotal role of Battery Energy Storage Systems (BESS) in the nation's energy landscape (Targi Kielce). This year's event saw a significant presence of Tier 1 BESS Original Equipment Manufacturers (OEMs). How much money is needed to support Poland's Bess project?

The European Commission has approved a EUR1.2 billion aid package to support Poland's rollout of BESS, aiming to establish at least 5.4 GWh of storage capacity.

How many Bess applications have been received in Poland?

The continued interest of BESS developers in the Polish markets was recently highlighted by a staggering number of applications in the 1 billion EUR subsidy scheme. A total of 630 applications were received for 20 GW and 122 GWh of BESS, exceeding the program's budget sevenfold .

Should Bess invest in the Polish capacity market?

Moreover, preferential or market loans could finance up to 100% of eligible costs. This optimism is at the same time being overshadowed by the capacity market developments. Until recently, the Polish capacity market provided a very attractive source of stable revenues for BESS, offering 17-year contracts.

How much money does Poland spend on battery energy storage?

Poland has finalized a comprehensive subsidy program aimed at accelerating the deployment of battery energy storage systems (BESS), with a total budget of PLN 4 billion (approximately €1 billion).

When will the energy storage scheme be launched in Poland?

Call for applications under the Scheme "Energy storage facilities and related infrastructure for improving the stability of the Polish electricity grid" will be launched already this year. Subsidy contracts are to be entered into by the end of 2025, while the period for spending the funds ends with 2028.

How much PLN is available for energy storage in Poland?

PLN 4 billion available. On 23 July 2024, the National Fund for Environmental Protection and Water Management put under public consultation a new priority aid scheme entitled: "Energy storage facilities and related infrastructure for improving the stability of the Polish electricity grid".



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Potential and challenges of Battery Energy Storage (BESS): The ...

It was concluded that before the balancing market reform BESS does not present a viable business case in Poland, unless the initial cost of investment is lowered by 30%. Keywords: ...



Revenue Streams, Financing and Subsidies for LS BESS in Poland

Join us to discover current status and development prospects of the energy storage market in Poland, key insights into investment processes for LS BESS, revenue ...



Poland: Pacific Green, PGE Group advance 1,200MWh of BESS

Government-owned power producer PGE tenders for 263MW/900MWh project at PHES plant State-owned PGE Group, which is Poland's largest power producer by sales ...



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 ...



Subsidies for energy storage systems , Rödl & Partner

The call for proposals of projects to be subsidised under the Energy Storage Systems scheme financed from the National Recover and Resilience Plan opened on 17 ...

Greenvolt Power signs agreement with BYD Energy ...

This collaboration with BYD Energy Storage is part of a broader effort to deploy BESS projects - in which Greenvolt holds a total pipeline capacity of 2.6 GW - with the company actively exploring additional investment ...



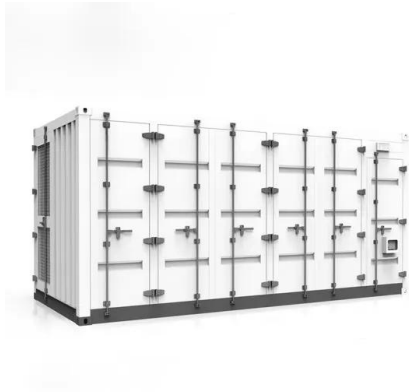
European Commission approves support for 'at least 5.4GWh' of

It will provide direct grant and loan funding worth up to 65% of the capital cost of 'at least 5.4GWh' of investments in electricity storage projects across the Eastern European ...



BESS in Germany 2025 and Beyond: Use Cases, ...

BESS Capacity across Germany and Projected Growth By mid-2024, Germany's total BESS capacity reached 16 GWh, which included: 13 GWh residential 1.1 GWh commercial 1.8 GWh large-scale systems Germany led ...



2024 BESS revenue performance: a tale of 3 markets

In today's article we line these 3 markets up 'head to head' and look at BESS revenue stack performance in 2024 (vs the last 3 years). Key drivers of BESS revenue stack in 2023-24 There are some important common ...

Battery Energy Storage System Production Cost

We designed the financial model of the Battery Energy Storage System (BESS) plant with scrupulous attention to match all client performance targets. The financial analysis measured expenses from all production aspects including ...



'Energy storage guarantees energy security for Poland'

A total of PLN 4.15 billion, or EUR992 million (US\$1.07 billion), is available, split 90:10 between grants and loans. Grants can cover up to 45% of investment costs, 10%-20% more for smaller businesses, while loan financing ...



Overview of the Poland Battery Energy Storage ...

The Battery Energy Storage Systems (BESS) market in Poland is experiencing significant growth and transformation in Q1 2025. Key investments from major industry players, such as LG Energy Solution and Greenvolt Group, ...



Energy storage subsidy programs in Poland for 2024 ...

Investment preparation and real estate purchase costs are eligible up to 10% of the total project cost. The program still requires evaluation by the European Investment Bank and the completion of state aid notification.

The developing BESS market 2024

With the reduction in costs, BESS project operators would be prudent to ensure the replacement costs of their assets are accurately valued for 2024 and declare updated values to their ...



Greenvolt wins big at the Polish capacity auction with ...

Greenvolt Group was the biggest winner in the Polish capacity auction held in December 2023. The company was awarded 1.2 GW of capacity for its wholly owned six BESS projects.



New Subsidy schemes for Battery Energy Storage ...

The total cost of the investment incurred after the date of submission of the application for the investment project to be supported by the RRP shall be regarded as eligible costs. The call for applications for these ...



Battery energy storage systems (BESS) on the rise in ...

As expected, Poland's latest capacity market auctions have highlighted a significant shift towards the battery energy storage systems (BESS) beside the fact that the de-rating factor has been significantly decreased. The ...

Battery-Based Energy Storage: Our Projects and ...

TotalEnergies develops battery-based electricity storage solutions, an essential complement to renewable energies. Find out more about our projects and achievements in this field.



BESS 2025: Legal requirements and risks , Dudkowiak & Putyra

Real estate / 03.08.2025 Battery Energy Storage in Poland: Legal Requirements and Investment Risks in 2025 Battery energy storage systems (BESS) are becoming increasingly important not ...



Energy storage costs

Wider deployment and the commercialisation of new battery storage technologies has led to rapid cost reductions, notably for lithium-ion batteries, but also for high-temperature sodium-sulphur ...

12.8V 200Ah



12V 10AH



BYD to supply 1.6 GWh of battery storage for ...

Greenvolt Power, a subsidiary of Portugal's Greenvolt Group, signed an agreement on March 3 with China's BYD Energy Storage to develop two battery energy storage system (BESS) projects in Poland with a ...

Aid scheme for construction of electricity storage

A budget of PLN 4 billion will be allocated under the Scheme. Importantly, it will be possible to obtain funding in the form of grants of as much as PLN 3.6 billion, while PLN 400 ...



Poland Energy Storage Subsidy: EUR1 Billion Program Targets 5.4 ...

Poland has finalized a comprehensive subsidy program aimed at accelerating the deployment of battery energy storage systems (BESS), with a total budget of PLN 4 billion ...



BESS Costs Analysis: Understanding the True Costs of Battery

Making the Investment: Is BESS Worth It? While the upfront cost of BESS can seem high, the long-term benefits often justify the investment. BESS can lead to significant ...



BESS costs increased to 76,000 yen/kWh in FY2023 ...

6 ???· According to the BESS industry stakeholders interviewed by MRI as part of the study, foreign-made battery systems are cheaper, ranging between as low as 20,000 and 40,000 yen/kWh, and the cost of BESS subsidies is high ...

Polish energy market changes: Key insights for BESS

The program offered grants covering up to 40% of investment costs, with an extra 10% for medium-sized and 20% for small enterprises. Moreover, preferential or market ...



48V 100Ah

Poland secures EUR1.2 billion EU aid for energy ...

The European Commission has approved a EUR1.2 billion aid package to support Poland's rollout of BESS, aiming to establish at least 5.4 GWh of storage capacity.





[20240104_Marcin_Ziokowski_Master_Thesis](#)

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[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 ...

Greenvolt inks deal with BYD for 1.6 GWh of BESS projects in Poland

Greenvolt, a KKR & Co Inc (NYSE:KKR) portfolio company, has a total pipeline capacity of 2.6 GW in BESS projects and is actively exploring further investment opportunities, ...



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