

Global PV Storage Insights

Expected ROI of standalone energy storage project in Poland 2026



Overview

Is energy storage a good investment in Poland?

In Poland, interest in energy storage investment has been evident for some time. Last year's main auction of the power market, with capacity delivery for 2029, further bumped up the capacity of storage projects.

What does ENEX 2025 tell us about energy storage in Poland?

The insights from Enex 2025 reinforce that BESS is no longer an emerging trend—it's a critical part of Poland's energy transition. With favorable market reforms and growing investment interest, the country is well-positioned to capitalize on energy storage innovations.

Is Poland a key player in Europe's energy storage sector?

Poland is emerging as a significant player in Europe's energy storage sector. The recent capacity market auctions in December 2024 highlighted a substantial shift towards BESS, with approximately 2.5 GW secured by new generation capacity market units, predominantly Li-ion energy storage projects.

How many hybrid energy storage projects are there in Poland?

Development of approx. 20 hybrid energy storage projects with a capacity of over 500 MW. Development of an energy storage project at the Kraków CHP plant with a capacity of approx. 90 MW. Analysis of the possibility of using energy storage facilities to support the reliable and safe supply of green energy to the Polish railways.

How much storage capacity does Poland have in 2024?

The Polish Economic Institute reported that in the power market's main auction, which was held in December 2024, storage capacity of around 2.5 GW was contracted, indicating that this was a 44 percent increase over 2023, in which the total contracted for batteries was 1.7 GW.

Should US companies offer battery energy storage systems in Poland?

U.S. Commercial Service recommends that U.S. companies offering battery energy storage systems take a hard look at the Polish market because there will be opportunities for U.S. companies to propose their solutions for many years to come. For more information, please contact Commercial Service Poland at office.warsaw@trade.gov.

Expected ROI of standalone energy storage project in Poland 2026



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 ...

EDP awarded with 160MW of capacity contracts for its first ...

...

Located in Greater Poland and Masovian Voivodship, the projects are expected to start operations by 2026 and 2029, respectively. Together, they will contribute to the stability of the Polish grid ...



EDP awarded with 160MW of capacity contracts for its first storage

EDP Renewables has been awarded with contracts for its two first battery energy standalone storage projects in Poland. The contracts, that will last for a period of 17 years, were granted ...



Co-location and standalone storage both 'good ...

"I think co-location or standalone BESS are both

good hedges under a single, central power price model," said Scott Berrie. Image: Solar Media. While the co-location of solar and storage



Financing Energy Storage: A Cheat Sheet

As such, we're providing this "Cheat Sheet for Energy Storage Finance" based on our work as buy-side and sell-side investment bankers experienced in both energy storage venture capital and project finance. I'm also including some ...

The Rise of Energy Storage - Publications

Energy storage: the technology that will cash the checks written by the renewable energy industry. Energy storage can transform intermittent clean energy--primarily derived ...



Polish Lithium Battery Energy Storage Companies: Powering the ...

A country where wind turbines spin wildly one moment and solar panels bask in sunlight the next - only to face a sudden cloud cover. Welcome to Poland's renewable energy ...

Poland's Energy Storage Configuration Ratio: Trends, Policies, ...

Poland's energy storage landscape is undergoing a historic transformation, with its configuration ratio becoming a hot topic among policymakers and industry players.



EU okays Polish EUR 1.2bn state-aided energy-storage project

The European Commission (EC) has greenlit Poland's USD 1.2bn scheme for projects to increase electricity storage capabilities to foster the transition to a net-zero economy ...

Standalone Station-HyperStrong

To achieve fully market-oriented operations, the standalone energy storage station engages in electricity spot market transactions and provides auxiliary services such as peak shaving and ...



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

The scope of the study is limited to only one storage option Li-Ion standalone project of 10MW/40MWh at HV Point of Connection. In literature review, there does not seem to be a ...

Greenvolt and BYD to Develop Landmark BESS Project in Poland

Deliveries for both projects will begin in Q4 2025, with completion scheduled for Q1 2026. Through its collaboration with BYD Energy Storage, Greenvolt Group is successfully ...

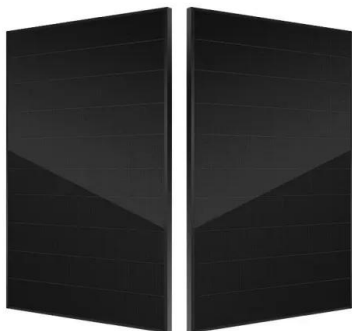
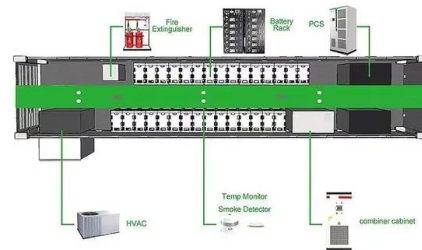


Spanish government allocates 280 million euros for ...

The Spanish government will allocate 280 million euros (\$310 million) for stand-alone energy storage, thermal storage and reversible pumped hydro storage projects, which are due to come online in 2026. Last month, ...

Energy Storage Market in Poland: Key Insights from Enex 2025

The insights from Enex 2025 reinforce that BESS is no longer an emerging trend--it's a critical part of Poland's energy transition. With favorable market reforms and growing investment ...



EDP awarded with 160MW of capacity contracts for its first storage

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Poland Energy Storage Subsidy: EUR1 Billion Program

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Learn about Poland's EUR1 billion energy storage subsidy aimed at installing 5.4 GWh of BESS by 2028, strengthening grid stability and accelerating the green transition.

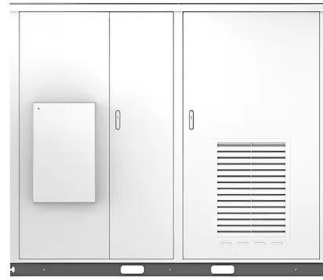


Poland finalizes 5 GWh energy storage subsidy scheme

A total of PLN 4 billion (\$1 billion) will be distributed under the subsidy scheme by the end of 2025 in a bid to bring online more than 5 GWh of energy storage projects by 2028.



Solar



Minnesota PUC approves first stand-alone BESS project

The Minnesota Public Utilities Commission (PUC) has approved a site permit for Spearmint Energy's 150MW/600MWh battery energy storage system (BESS) in Kalmar ...



Poland energy transition storage boom

Energy storage solutions will likely benefit greatly from these developments as infrastructure will be needed to capture surplus electricity produced during times of high ...

DTE Energy issues RFP for 450 MW of standalone ...

When complete in 2026, this 220-megawatt battery energy storage center at the site of DTE's retired Trenton Channel coal power plant is expected to be the largest standalone battery energy storage project in the ...



Project Financing and Energy Storage: Risks and ...

The United States and global energy storage markets have experienced rapid growth that is expected to continue. An estimated 387 gigawatts (GW) (or 1,143 gigawatt hours (GWh)) of new energy storage ...

Poland's Energy Transformation: Major Investments ...

Expected to go live by 2029, the project is the first in Poland to receive energy storage certification, marking a milestone in battery storage technology development. EBRD Increases Investments in Poland's Energy Transition



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I. Stand-alone storage project portfolio: in addition to completing the construction of its first standalone storage project in Poland, the Company has commenced construction of its second ...

DTEK Group Acquires 133 MW Energy Storage Project in Poland

DTEK's investment in the country is a crucial step towards the integration of Ukraine and Poland's energy systems." According to Mercom's Annual and Q4 2023 Funding ...



[Energy Outlook 2025: Energy Storage](#)

To learn more about the regulations and revenue opportunities of energy storage projects across Finland, France, Germany, Italy, Morocco, Poland, Singapore, Spain and the UK, please read our [Unlocking Energy ...](#)

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 ...

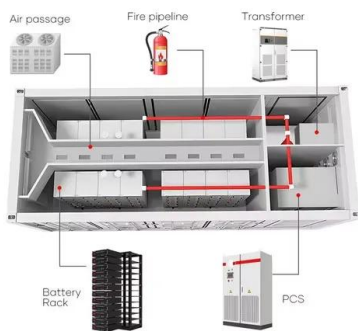


Greenvolt & BYD to deliver 400MW BESS in Poland

Both projects have secured capacity market contracts and are expected to be completed in the first quarter of 2026. This collaboration with BYD Energy Storage is part of ...

EDPR informs on long-term contracts awarded for 160 MW of ...

Madrid, December 18th 2024: EDP Renováveis, S.A. ("EDPR") has received information about the preliminary results of the main capacity market auction published by Polskie Sieci ...



Development Strategy for POB Energy Conversion and Storage ...

The transition to renewable energy sources requires efficient energy storage during periods when we produce more energy than we currently need so that we can use it during periods when the ...

Expectations for Renewable Energy Finance in 2023-2026

To assess the impacts of these developments on investment and deal flow, the American Council on Renewable Energy (ACORE) surveyed companies that actively develop or finance U.S. ...



Battery storage projects totalling 130MWh win ...

Battery storage projects from Hynfra Energy Storage and OX2 totalling 130MWh have won contracts in energy auctions in Poland this week. A capacity market auction for 2027 from transmission system operator Polskie ...

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