

## Global PV Storage Insights

# Expected ROI of domestic energy storage project in Poland 2026



## Overview

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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.

What happened to energy storage in Poland?

The Energy Regulatory Office said in a report last year on electricity storage in Poland that, as a result of the main power market auctions for 2021-2028 and the supplementary auctions for 2012-2025, contracts for energy storage with a total capacity of 9.5 GW were concluded.

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](mailto:office.warsaw@trade.gov).

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.

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### 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 ...

### 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.



### EDP Awarded 160MW of Capacity Contracts for its First Storage ...

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 ...

### Green Energy in Poland: Challenges and Opportunities

Maintaining a high dependence on coal in the energy sector, along with the costs of importing raw materials and fuels, will lead to further

increases in energy prices, which ...



## PGE to Launch Europe's Largest Energy Storage Facility in 2026

The Zarnowiec project is expected to play a critical role in enhancing the stability and reliability of Poland's energy grid, particularly as the country transitions to renewable ...

## Anza Renewables on tariffs and successful energy storage projects

We're definitely seeing increased domestic manufacturing in energy storage. Some manufacturers have always focused on energy storage, while others, traditionally ...

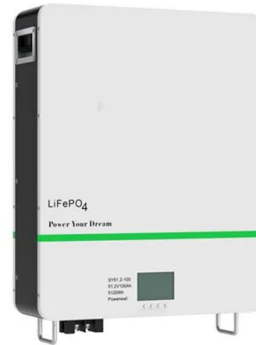


## Unlocking Poland's energy storage potential , S& P Global

As Poland continues to transition from coal-fired power plants to renewable energy sources, the need for reliable energy storage solutions becomes increasingly critical.

## Energy Storage Grand Challenge Energy Storage Market ...

Not all energy storage technologies and markets could be addressed in this report. Due to the wide array of energy technologies, market niches, and data availability issues, this market ...

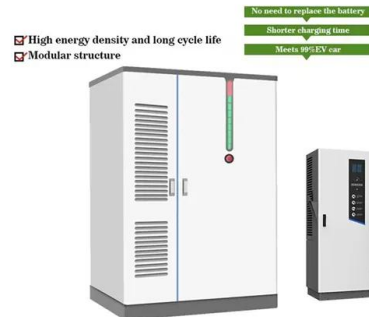


## Green Energy in Poland: Challenges and Opportunities

Maintaining a high dependence on coal in the energy sector, along with the costs of importing raw materials and fuels, will lead to further increases in energy prices, which are already among the highest in Europe. ...

## Battery storage projects totalling 130MWh win contracts in Poland

Battery storage projects from Hynfra Energy Storage and OX2 totalling 130MWh have won contracts in energy auctions in Poland this week. A capacity market ...



## Poland's energy storage boom is here

Battery energy storage systems (BESS) will soak up surplus electricity during high production periods and release it when generation dips, providing essential grid stabilisation services as Poland moves away from ...

## US energy storage sector commits to \$100B investment by 2030

The commitment "represents a clear pathway to supplying 100% of U.S. energy storage projects with American-made batteries by 2030," but depends on a "streamlined ...



## BYD to supply 1.6 GWh of battery storage for Greenvolt in Poland

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 ...

## 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.



## US energy storage deployments jumped 86% year ...

US energy storage deployments jumped 86% year over year to 10.5 GWh in Q2: ACP/WoodMac The second-quarter record came despite weak residential activity and uncertainty over the policy impacts of

## Green Tech Projects in Poland , Unlocking Investment ...

Explore the dynamic Green Tech Market in Poland and discover high-potential Green Tech Projects in Poland. Learn about renewable energy growth, key investments, and ...



## U.S. Energy Storage Industry Commits \$100 Billion ...

The industry's investment will advance a manufacturing expansion in the United States with the aim of enabling American-made batteries to meet 100% of domestic energy storage project demand.

## BYD signs deal to build energy storage project with capacity of up ...

BYD has signed an agreement with Poland's Greenvolt Power to develop a battery energy storage system project in the European country. Construction of the project has ...

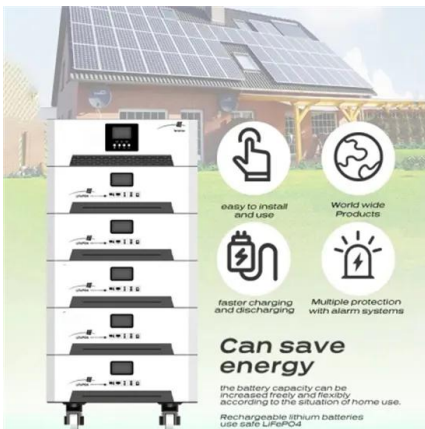


## European battery energy storage deployments to plateau over ...

European battery energy storage deployments are expected to plateau over 2024-27 due to lithium-ion scarcity, according to Delta-EE.

## 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 ...



## 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 ...

## 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



## 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 ...



## Polish utility plans to add 10 GWh of energy storage ...

Polish utility PGE Group is planning to add more than 80 energy storage facilities through to 2035 to the tune of PLN 18 billion (\$4.7 billion). One of these will be the 981 MWh Zarnowiec battery energy storage project, which will ...

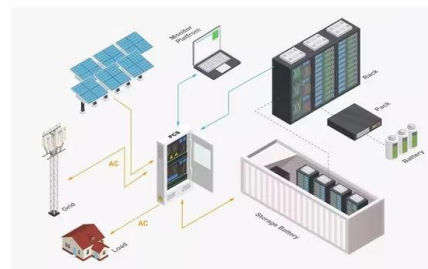


## 'Energy storage guarantees energy security for Poland'

"The development of storage projects is a guarantee of Poland's energy security. The implementation of PGE's ambitious investment plans will contribute to reducing the emission intensity of the Polish economy, and thus ...

## Empowering Poland: The role of international partnerships

Poland, a country historically reliant on energy imports, has proactively engaged in international cooperation to boost its energy security. This cooperation extends ...





## 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 ...

## New Subsidy schemes for Battery Energy Storage ...

In autumn 2024 two draft regulations were published regarding state aid for large-scale electricity storage systems (BESS), one from the Modernisation Fund ("MF ") 1 - and the second under the National Recovery ...



## US energy storage deployments jumped 86% year over year to ...

US energy storage deployments jumped 86% year over year to 10.5 GWh in Q2: ACP/WoodMac  
The second-quarter record came despite weak residential activity and ...

## 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.  
...



## 2025 domestic energy storage project list

Concerning utility-scale energy storage, there is a pressing need for its deployment. Additionally, the crucial role played by grid-side energy storage installations, dominated by standalone and ...



## 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 ...



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