

What are the energy storage projects in poland





Overview

Poland's energy storage landscape has become a battleground between ambitious climate targets and practical grid economics. With 9GW of battery projects already permitted but only 10MW operational as of 2023 [6], the country's energy transition story reveals both.

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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 be supplied with locally produced LG Energy Solution's grid-scale.

Poland has just rolled out one of Europe's most ambitious energy storage programmes - a €980 million initiative that's set to transform the country's grid infrastructure. The Polish Ministry of Climate and Environment has finalised this landmark subsidy scheme, targeting over 5 GWh of new storage.

Poland's 2024-2025 energy storage subsidy programs are a key element in the country's energy transition. With the growing demand for stable energy sources and the integration of renewables into the grid, energy storage facilities take on special importance. The National Fund for Environmental.

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).

Poland's energy storage landscape has become a battleground between ambitious climate targets and practical grid economics. With 9GW of battery projects already permitted but only 10MW operational as of 2023 [6], the country's energy transition story reveals both promise and growing pains. Let's.



June 2025 – Polish renewables leader R.Power has secured €30 million in green bond financing from the International Finance Corporation (IFC), marking a major milestone for Poland’s energy storage sector. The deal supports some of Poland’s first large-scale battery storage projects and represents. What is the most advanced energy storage project in Poland?

The most advanced energy storage project in the PGE Group’s portfolio is the Żarnowiec Energy Storage Facility. With a power output of 262 MW and a storage capacity of around 981 MWh, the facility will be by far the largest battery energy storage facility in Poland and one of the largest in Europe.

What is Poland's energy storage program?

The program , “Electricity storage facilities and infrastructure for improving the stability of the Polish power grid,” is aimed at companies planning to invest in energy storage facilities with a capacity of at least 2 MW and a minimum capacity of 4 MWh.

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.

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 is the largest battery energy storage facility in Poland?

With a power output of 262 MW and a storage capacity of around 981 MWh, the facility will be by far the largest battery energy storage facility in Poland and one of the largest in Europe. The contractor on the project will be LG Energy Solution Wrocław.

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.



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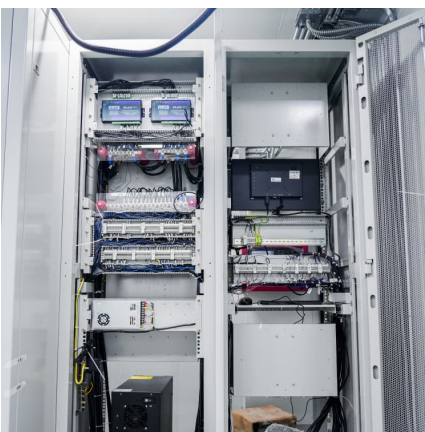


[Poland: Tender for construction of 263 MW battery](#)

Polish utility PGE Group has launched a tender for the design and construction of a battery storage facility with a minimum capacity of at least 900 MWh. Meanwhile, Ukraine's ...

[BESS wins big in Poland capacity market auction for ...](#)

BESS has won big in the Poland capacity market (CM) auction for 2029 delivery, with potentially around 2.5GW of projects winning contracts.



['Energy storage guarantees energy security for Poland'](#)

This event will bring together key stakeholders from across the region to explore the latest trends in energy storage, with a focus on the ...

EDF Renewables expands battery storage portfolio in Poland

EDF Renewables has completed the acquisition of a second battery energy storage project in Poland, with a capacity of 120 MW, increasing its



total storage capacity in the ...

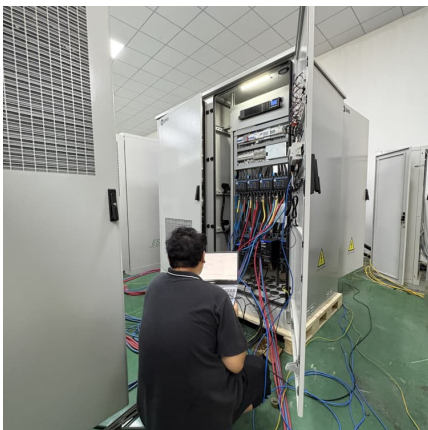


Energy Storage Market in Poland: Key Insights from Enex 2025

Poland's Rapid Adoption of BESS Poland is emerging as a significant player in Europe's energy storage sector. The recent capacity market auctions in December 2024 ...

[Axpo, energieUri and Fluence building 58.6MW of ...](#)

2 ???· A render of one of the two BESS projects. Image: Axpo. Utility and power firms Axpo and energieUri will together deploy two BESS projects in ...



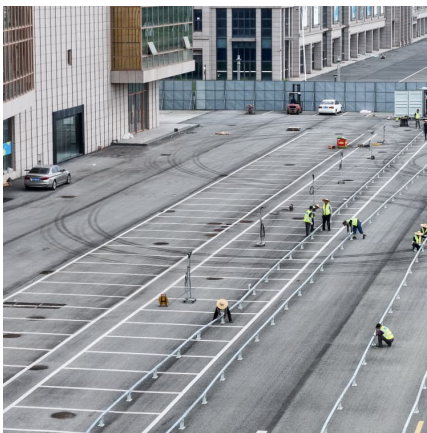
Energy Storage in Poland: Key Projects Shaping the Future

Why Poland's Energy Storage Scene Deserves Your Attention when you think about energy storage projects in Poland, coal mines might still dominate your imagination. But ...



Poland's Energy Storage Revolution: Balancing Policy Shifts with ...

Poland's energy storage landscape has become a battleground between ambitious climate targets and practical grid economics. With 9GW of battery projects already permitted but only 10MW ...

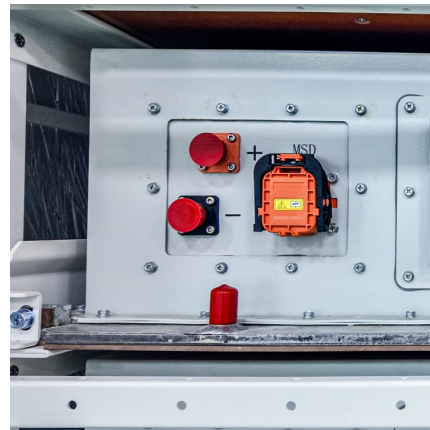


[PGE Group to build 200-MW battery storage in ...](#)

The project has obtained the first license promise in Poland for electricity storage, PGE said in a press release. The storage system will be set ...

Greenvolt Power and Entrix sign strategic partnership for 1.3 GW ...

Greenvolt Power, part of Greenvolt Group, and Entrix, have signed an exclusive agreement for the optimization and trading of five large-scale battery energy storage system ...



[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 ...



[EU approves aid for 5.4 GWh storage rollout in Poland](#)

The European Commission (EC) has authorized a EUR1.2 billion (\$1.3 billion) Polish state aid scheme to support investment into electricity ...



Energy Storage Market in Poland: Key Insights from Enex 2025

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 ...

[Poland's \\$1 billion energy storage subsidy scheme ...](#)

The Polish National Fund for Environmental Protection and Water Management (NFOŚiGW) opened on April 4 a call for applications to co ...





['Energy storage guarantees energy security for Poland'](#)

Its first project is a 263MW/900MWh BESS in Zarnowiec, which will be supplied locally by batteries manufactured in LG Energy Solution's plant ...

[Poland Energy Storage Subsidy: EUR1 Billion Program ...](#)

Conclusion With at least 5.4 GWh of energy storage targeted for deployment by 2028, Poland's subsidy program represents a significant ...



Battery storage: Qair establishes its position in the European storage

Poland at the Forefront of Qair's Storage Ambitions As part of the latest capacity auctions of 2024, Qair has successfully secured two energy storage projects located in Kowala ...

[Greenvolt Power awarded 1.2GW of storage capacity in](#)

Greenvolt Group, through its subsidiary Greenvolt Power, a global developer and operator of utility-scale wind, solar, and energy storage projects, was awarded 1.2GW of ...



Poland's \$1 billion energy storage subsidy scheme opens for

The call for applications for the Electricity Storage and Related Infrastructure Programme, aimed at enhancing the stability of the Polish power grid, will remain open until ...



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 ...



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

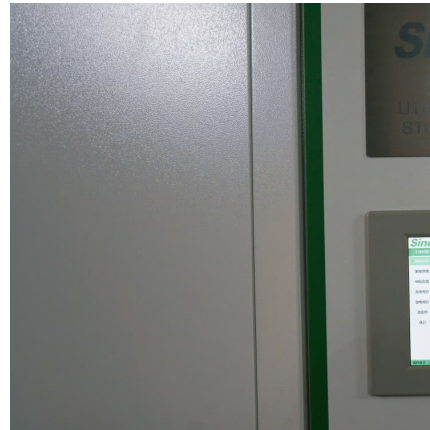
Portuguese renewables company Greenvolt Group has signed an agreement with China's BYD Energy Storage to develop up to 400 MW/1.6 GWh of battery energy storage ...





Large-Scale Energy Storage Projects in Poland

Whether you're building new teams in Poland, scaling battery expertise across Europe, or navigating green investment programmes, we're here to help power your workforce strategy.



Poland energy transition storage boom

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 ...

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