

# Expected ROI of MW scale storage system project in Poland 2025

What is the most advanced energy storage project in Poland?

The most advanced energy storage project in the PGE Group's portfolio is the Zarnowiec 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.

How many MW rated energy storage systems are there in Poland?

The capacity obligations for these projects ranged from 1.2 MW to 153 MW rated power, with an average capacity of around 30 MW. The decision to reduce the de-rating factor for energy storage systems in the last capacity market auction in Poland from 95 percent to 61 percent did not prove detrimental to the market.

How many GWh of energy storage capacity will Poland have by 2035?

In a bid to tackle the challenge of the growing electricity production from renewable energy sources, the Polish utility is looking to add more than 10 GWh of energy storage capacity by 2035. Its plans involve more than 80 projects, the value of which is estimated at around PLN 18 billion (\$4.7 billion).

Is Poland moving towards battery energy storage systems (BESS)?

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.

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 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 Wroclaw.

Will EDF renewables build a second battery energy storage facility in Poland? EDF Renewables has completed the acquisition of a second battery energy storage project in Poland, with a ...

Anza published its inaugural quarterly Energy Storage Pricing Insights Report this week to provide an overview of median list-price trends for battery energy storage systems based on recent data available on the Anza ...

We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power

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grid in 2025 in our latest Preliminary Monthly Electric Generator ...

A large-scale storage project in Europe The 200 MW / 400 MWh battery storage project is one of the largest in Europe. Located in Poland, the storage system will help balance the power supply by supporting the integration of renewable ...

Greenvolt Group, through Greenvolt Power, a company specializing in utility-scale wind, solar and energy storage projects, has signed an agreement with BYD Energy ...

Image: Wood Mackenzie / ACP Grid-scale storage deployments alone are expected to reach 13.3 GW in 2025. Across all segments, Wood Mackenzie expects 15 GW of storage deployments, growing another 25% over ...

Image: Polskie Sieci Elektroenergetyczne Poland looks set to lead battery storage deployments in Eastern Europe, with 9GW of battery storage projects offered grid connections and 16GW registered for the ongoing ...

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In the second quarter of 2025, Statkraft Poland achieved a major milestone in the development of battery energy storage systems. The Norwegian renewable energy leader now has projects with confirmed grid ...

Key projects include Baltic Power (1.2 GW), Baltica 2 (1.5 GW), and Baltyk II & III (1.44 GW). Energy Storage Expansion: PGE announced plans for 85 energy storage ...

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For utility scale BESS in 2025, Poland is the place to be. After the liberalisation of the ancillary services market in June 2024, prices initially fluctuated wildly, but have settled at an attractive level. And battery revenues, ...

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Developers expect to bring more than 300 utility-scale battery storage projects on line in the United States by 2025, and around 50% of the planned capacity installations will be ...

New Energy and Industrial Technology Development Organization and its project partners Hitachi, Ltd.,

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Showa Denko Materials Co., Ltd. and Sumitomo Mitsui Banking Corporation announced ...

Deliveries for the two projects are scheduled to begin in the fourth quarter of 2025, with full completion expected in early 2026. Through its collaboration with BYD Energy ...

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