

Containerized battery storage quotation in Poland 2025





Overview

Energy storage systems are a relatively new technology in the Polish capacity market. They have participated in two auctions so far: making their official debut in 2022 (with 2027 delivery year) and subsequently dominating the competition in the 2023 auction.

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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 auction held by Polskie Sieci Elektroenergetyczne S.A. (PSE - an electricity.

Poland's National Fund for Environmental Protection and Water Management (NFOŚiGW) has opened a call for applications to co-finance electricity storage facilities, with funding from the Modernisation Fund. The programme has a total budget of \$1.02 billion and aims to improve grid stability and.

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 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).

With Poland's ancillary services market recently opened to battery energy storage systems (BESS), it presents a compelling business opportunity for developers, according to advisory firm Clean Horizon. The Paris-based company released its updated Storage Index on Monday, highlighting the potential.



Poland is at a pivotal moment in its energy transition, with power demand projected to rise by 24 TWh by 2030 and coal capacity dropping from 27 GW to 5 GW. While 38 GW of new solar and wind capacity are expected, the urgent need for a reliable and flexible energy storage system to stabilize the. Will large batteries saturate ancillary services markets in Poland in 2025?

While the outlook for large batteries in Poland appears strong in 2025, Clean Horizon warns that this opportunity may not endure. Utility-scale storage can quickly saturate ancillary services markets, leading to a rapid decrease in opportunities for front-of-the-meter batteries.

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

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How much money does Poland spend on battery energy storage?

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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.



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