

Which battery storage projects have won energy auctions 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 auction for 2027 from transmission system operator Polskie Sieci Elektroenergetyczne (PSE) closed at PLN 406.35/kW/year (US\$93) and handed out long-term contracts to energy resources.

Will Poland lead Eastern Europe's battery storage market?

Poland is set to lead Eastern Europe's battery storage market, with 9GW offered grid connections and 16GW in the capacity auctions.

How to start an energy storage facility in Poland?

When considering starting an investment as an energy storage facility, it is necessary to apply the Energy Law, which contains regulations for this type of installation. The main regulatory obligations in Poland depend on the total installed capacity of a given storage facility.

How do energy storage projects work in Poland?

The operational stage of a storage project also typically involves a process of support agreements such as O&M contracts, technical consulting, and power distributor agreements. Projects concerning energy storage, as with other infrastructure projects in Poland, require the necessary administrative permits to be obtained.

How much does a 2028 electricity contract cost in Poland?

The auction which took place last month (December 2023) cleared at a fixed, consumer price-indexed (CPI) price of PLN 244.90/kW (US\$61.73) per year for the contracts which start in 2028, the Polish state bulletin revealed yesterday (9 January). The contract lengths range from 1 to 17-years.

When will the capacity market auction in Poland start?

Hype for the upcoming capacity market auction in Poland in December is building with over 16 GWs of storage assets pre-registering for the auction. Total volume and price range will be announced this coming Thursday (14 December), with more detailed results most likely in Early January.

The much anticipated capacity market auction for 2029 conducted by Polskie Sieci Elektroenergetyczne (PSE) ended in the seventh round with a price of PLN 264.90/kW/year. Such a clearing price rendered gas projects uneconomical and left significant room for battery storage systems to secure contracts.

In the auction held by Polskie Sieci Elektroenergetyczne (PSE), Poland's transmission grid operator, Greenvolt Power participated with six independent energy storage projects, totalling grid-secured capacity of 1.4 GW, achieving 1.2 GW of awarded long-term capacity payments. Greenvolt said the projects represent the largest battery energy storage ...

A 61% factor means a 100MW battery energy storage system (BESS) will only be able to bid in 61MW. Capacity markets are a growing area for energy storage to play in, with 23GW of projects awarded auctions across Europe, said panel moderator Joanna Spirodek, BESS integrator Fluence's EMEA marketing manager.

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 DTEK has completed ...

Michal Mackowiak, General Manager of Harmony Energy's Polish branch, stated, "After analyzing the capacity market regulations, the results indicate that this policy could deliver a fatal blow to Poland's battery storage market, regardless of whether the battery storage system has a 4-hour or 2-hour duration. Capacity market (CM) revenues are related to the installed ...

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The energy storage projects we encounter on the Polish market are of great diversity, ranging from battery storage facilities with relatively small total installed capacities, through contracts focusing on the joint development of specific technologies (hydrogen, ammonia) for commercial use, to large energy storage facilities within pumped ...

OX2 has contracted capacity for two battery energy storage systems units in the main market auction for 2029 to the closing price 264.90 PLN/kW/year. The total capacity of the two units is about 200MW/400MWh and they are to be commissioned 2027-2028. The result of the auctions further strengthens OX2's position on the market in Poland.

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Battery storage systems can receive up to PLN 16,000, with a minimum battery capacity of 2 kWh. The total budget for the latest phase is PLN 400 million, funded by the European Infrastructure, Climate, and Environment Program Fund. The deadline for applications is December 20, 2024, or until funds are exhausted. According to the International Energy ...

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A panel discussion on the Polish market at the recent Energy Storage Summit CEE in Warsaw. Image: Solar Media . The European Commission (EC) has approved a EUR1.2 billion (US\$1.32 billion) state aid ...

The draft parameters for this year's capacity market auction in Poland could make the rollout of battery energy storage systems (BESS) much more difficult. The document proposes a significant reduction to the BESS derating factor that could be particularly harmful for longer duration storage systems.

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