

Successful bid price of residential ESS project in Poland 2030



Overview

When will the energy project start in Poland?

Commercial operation is expected to start in January 2027. Namely, the project has an obligation to provide energy capacity to the Polish market for 17 years starting from 2027, having been successful in the 2022 Capacity Market auction organized by the Polish Transmission System Operator (PSE).

Will the capacity market kickstart the large-scale Bess market in Poland?

The capacity market is set to kickstart the large-scale BESS market in Poland by providing the basic building blocks of the business case, according to numerous delegates interviewed by Energy-Storage.news at Energy Storage Summit Central Eastern Europe (CEE) 2023 in Warsaw in September.

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.

Which companies are building a battery storage facility in Poland?

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 the acquisition of a 532 MWh battery storage project in southern Poland.

How many Bess market units won the 2024 auction?

Even more surprising was their performance in the December 2024 auction: out of the 245 Market Units that won the main auction for the 2029 delivery year, 82 were identified as BESS.

How much Bess capacity has been pre-derating?

While final results are yet to be released in January, industry insiders assess that the procurement exercise could have catalyzed around 4.2 GW of BESS capacity pre-derating. A derating factor is a multiplier applied to the actual generation capacity of a unit to determine the maximum size of contract it can secure in the capacity market auction.

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European residential BESS industry , McKinsey

Manufacturers of residential battery energy storage systems in Europe face competitive pressure from players in Asia--and they need to adjust their strategies to stay ahead.

173GWh! Projections for Global Energy Storage

Fueled by factors such as a significant uptick in wind and solar installations, an expedited process of power market reform, fluctuations in ESS prices, and clearer policies, the global energy storage market is experiencing a ...



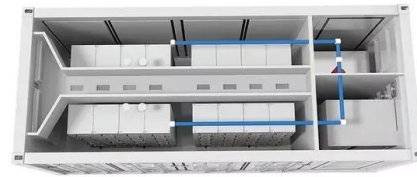
Global Market Status: Surging Demand for Residential ...

Key Challenges Confronting Residential Energy Storage Initiatives In spite of the rapid market expansion and heightened demand for residential ESS, several formidable challenges must be navigated to ensure ...

Global news, analysis and opinion on energy storage ...

August 1, 2025 Jinko ESS secures 140MWh grid-

scale energy storage project in the UK with AGR
July 29, 2025 Sungrow unveils next-generation
residential ESS July 29, 2025 Desay Battery
unveils proactive safety focused energy storage



List of Upcoming Grid-scale/Utility Scale Energy Storage System (ESS

Search all the announced and upcoming GUSESS projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Poland with our comprehensive online database.

Energy storage trends

Energy storage trends Spotlight on PolandIntroduction Poland has one of the fastest growing renewable energy markets in Europe. The dynamic expansion of new RES investments is evident in both photovoltaic and wind ...



Residential ESS Market Growth, Share & Forecast 2023-2030

Residential energy storage system (ESS) market is anticipated to grow at an exponential CAGR of 23.8% during the forecast period.

Latest Grid-scale/Utility Scale Energy Storage System (ESS)

...

We provide important information on the latest grid-scale/utility scale energy storage system (ESS) projects in Poland, including project requirements, timelines, budgets, and key contact ...



Latest Grid-scale/Utility Scale Energy Storage System (ESS) Projects ...

Increase Your Bid-Hit Ratio with Early Identification of Grid-scale/Utility Scale Energy Storage System (ESS) Projects in Poland. Don't miss out on new opportunities by waiting for them to ...

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 GWh of storage capacity. This significant investment is part of a broader strategy to ...



New analysis reveals European solar battery storage market

...

The residential segment accounted for 63% of this capacity, followed by large-scale battery systems (21%), and commercial & industrial systems (9%). Germany led the ...



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 ...



ESS Technologies: Recent advances and policy developments in ...

The country aims to achieve 500 GW of non-fossil-fuel-based capacity by 2030, requiring extensive deployment of energy storage systems (ESS) - particularly pumped ...

The Polish Housing Market in 2024: Record Supply, ...

The past year saw a significant increase in investment activity by real estate developers in Poland, resulting in a large--and in some cities, record-breaking--supply of new apartments. Experts at RynekPierwotny.pl analyzed ...





Review 2024 , The "Best" of Global ESS Projects and Orders

[Review of 2024 , The "Most" of Global ESS Projects and Orders] Global demand for energy storage is accelerating rapidly. On one hand, the selling prices of ESS ...

Poland's new capacity market auction could hamper ...

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 ...



Poland: Tender for construction of 263 MW battery storage ...

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 ...



Energy storage market analysis in 14 European ...

Volatile energy prices and the popularity of photovoltaic self-use have driven demand for residential energy storage, which is expected to continue to grow through 2030. In addition, Germany plans to hold its first capacity market ...



BESS Capacity Market Poland

We can advise on the optimal business model as it highly depends on power, capacity and connection conditions of the ESS as well as future development of the ESS grid services ...



Polish capacity market auction for 2029 catalyzes ...

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 (\$65/kW/year). Such a clearing ...



Europe's Residential Battery Storage Inventories ...

Most distributors completed destocking by the fourth quarter of 2023. While some inventory remains, particularly in Poland, aggressive price reductions are anticipated to fully deplete it by the first quarter of 2024. With ...

Greenvolt wins 1.2GW battery contracts in Poland ...

The results of Poland's recent capacity market auction have been revealed, with a clearing price significantly lower than the previous years and IPP Greenvolt saying it won the lion's share of around 1.7GW of BESS ...



Analysis of barriers and key enablers toward citizen ESS successful

The global market value is estimated to reach 17.5 billion \$ by 2024, compared to an estimated value of 6.3 billion in 2019. Thus, installation of ESS at citizens' premises will be ...

Global BESS deployments to exceed 400GWh annually by 2030

Rystad Energy's forecast for global BESS installations over the coming decade. Image: Rystad Energy. Annual battery energy storage system (BESS) installations will grow by ...



Energy Storage Market in India

Solar and wind power supply fluctuates, Energy storage systems (ESS) play a crucial role in smoothening out this intermittency and enabling a continuous supply of energy when needed. Thus, for sustainable renewable energy ...



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.



Evolution of grid-scale energy storage system tenders ...

Energy Storage Systems (ESS) will be the next major technology in the power sector over the coming decade. The latest standalone ESS tenders from Solar Energy Corporation of India and NTPC will augment capacity ...

Poland 2030

Poland 2030: A chance to join the economic big league reflects McKinsey & Company's deep commitment to the development of the Polish economy and its success in the international ...



Greenvolt wins 1.2GW battery contracts in Poland ...

The headquarters of Poland's TSO, Polskie Sieci Elektroenergetyczne. Image: Polskie Sieci Elektroenergetyczne / WikiCommons. The results of Poland's recent capacity market auction have been revealed, ...



New Market Spotlight: Poland's Energy Storage Boom and the ...

Move over Germany - there's a new energy storage frontier in town. Poland's energy storage market is exploding faster than a lithium-ion battery in a heatwave (don't worry, modern BESS ...



PV and ESS in Japan's changing energy market ...

Of a possible 416MW in a recent auction, only 39.8MW of contracts were handed out by the Ministry of Economy, Trade and Industry (METI) across 27 bids from an initial 72 project proposals, totalling 185.6MW. ...



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

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



Poland Secures \$3.7B for Energy Shift and Storage ...

These comprehensive measures illustrate Poland's commitment to a sustainable energy future, leveraging both national and European resources to facilitate a smooth transition to a low-carbon economy.

Grid-scale energy storage system bids in India are ...

A comprehensive National ESS Policy, with a time-based target, will significantly address major impediments faced by the domestic industry and be an important growth driver. Going forward, we can expect to see the ...



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