



# Expected ROI of portable ESS system project in Poland 2025

Who will supply ESS batteries in Poland?

The contractor on the project will be LG Energy Solution Wroclaw. The Polish unit of the Korean battery maker won the project tender offering the price of PLN 1.555 billion (\$384 million). On Monday, LG Energy Solution confirmed that it had signed an agreement with PGE to supply 981MWh of grid-scale ESS batteries between 2026 and 2027.

Will PGE be able to supply ESS batteries in Poland?

South Korean company LG Energy Solution has signed an agreement with PGE, Poland's largest energy sector company, to supply 981 MWh of grid-scale ESS batteries between 2026 and 2027. The two companies will collaborate to establish a battery energy storage facility in Zarnowiec, Poland. PGE plans to commence commercial operation in 2027.

When will PGE start supplying ESS batteries?

State-owned energy firm PGE plans to start the project's commercial operation in 2027. South Korean battery maker LG Energy Solution (LGES) has signed an agreement with PGE, Poland's largest energy sector company, to supply 981MWh of grid-scale Energy Storage Systems (ESS) batteries between 2026 and 2027.

How much money does Poland spend on battery energy storage?

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 EUR1 billion).

Why is ESS demand increasing in Europe?

Meanwhile, as energy security concerns continue to rise across Europe, demand for renewable energy infrastructure and ESS solutions is growing rapidly. Additionally, advancements in AI are accelerating the expansion of data centers, further driving ESS demand.

What is LG Energy Solution's ESS project?

"This project is one of the largest ESS initiatives led by LG Energy Solution in Europe," said Hyung Kim, head of the ESS Battery Division at LG Energy Solution. "By launching LFP-based products designed specifically for the European market and leveraging our local production capabilities, we have maximised customer value."

Business | March 26, 2025 LG Energy secures ESS supply deal with Poland's PGE The two companies will collaborate to establish a battery energy storage facility in Zarnowiec, Poland. State-owned energy firm PGE plans to start the ...

In 2025, the new installed capacity of energy storage in the United States is expected to reach 65-70 GWh,



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with a year-on-year growth of more than 60%, among which the grid side storage accounts for more than 90%.

The insights from Enex 2025 reinforce that BESS is no longer an emerging trend--it's a critical part of Poland's energy transition. With favorable market reforms and growing investment ...

While the ESO was mandated by the MoP, the ministry recently issued an advisory notice on co-locating ESS with solar power projects, advising all renewable energy implementing agencies and state utilities to integrate two ...

LG Energy Solution's plant in Wroclaw, Poland, where it is manufacturing batteries for both EVs and ESS. Image: LG Energy Solution Wroclaw. LG Energy Solution has confirmed that it will manufacture the ...

A new player on the BESS market: Entrix launches in Poland and supports the development of flexibility in the Polish energy system Entrix, a leading German provider of AI-driven battery storage optimization and trading ...

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 ...

It is expected that large-scale energy storage projects will come online after 2026, while some projects will be connected to the grid ahead of time. In terms of residential energy storage, the Polish government has launched Moj PRD 5.0 ...

By addressing challenges such as peak load balancing and frequency regulation, energy storage enhances the resilience and flexibility of Poland's electricity system. The storage support program is expected to begin ...

The Polish unit of Korean battery major LG Energy Solution will start production of energy storage systems (ESS) at its plant in the western city of Wroclaw by the end of the ...

[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 ...

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 ...

A substation run by Polskie Sieci Elektroenergetyczne, or PSE, Poland's transmission system operator (TSO). Image: Polskie Sieci Elektroenergetyczne Poland looks set to lead battery storage deployments in ...

The Polish National Fund for Environmental Protection and Water Management (NFOSiGW) opened on April



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4 a call for applications to co-finance energy storage facilities. The much-awaited subsidy scheme aims to improve ...

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To ensure maximum efficiency of the ESS system, LG Energy Solution is offering a turnkey solution, developed in partnership with European collaborators. The package ...

BYD Energy Storage is one of China's leading battery energy storage system providers. The collaboration also underscores BYD's expanding presence in the European ...

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 ...

Greenvolt Group has been active in Poland for nearly 18 years, developing wind, solar, and energy storage projects through Greenvolt Power. BYD Energy Storage is one of ...

Poland's installed PV capacity could more than double to 26,791 MW by the end of 2025, based on data from the Polish research institute IEO.

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

A total of PLN 4 billion (\$1 billion) will be distributed under the subsidy scheme by the end of 2025 in a bid to bring online more than 5 GWh of energy storage projects by 2028.

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 development of storage projects is a guarantee of Poland's energy security. The implementation of PGE's ambitious investment plans will contribute to reducing ...

On November 20, CHISAGE ESS hosted a professional product and technology seminar at its Poland branch, inviting 25 distributors and installers from Poland and ...



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The energy storage system (ESS) market projects growth from USD 8.6 billion in 2025 to USD 41.8 billion by 2032, at a 25.2% CAGR. BloombergNEF expects global energy storage additions to grow 35% this year, establishing a record ...

[BYD Secures Another International ESS Order] On March 3, BYD ESS officially signed a cooperation agreement with Greenvolt Power, a subsidiary of the Portuguese ...

By bolstering LG Energy Solution's position in future public tenders for European state-owned energy companies, this project is set to expand the company's footprint in the regional grid-scale ESS market.

Looking for a List of Grid-scale/Utility Scale Energy Storage System (ESS) Projects in Poland? Are you searching for grid-scale/utility scale energy storage system (ESS) projects and tenders ...

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