

Global PV Storage Insights

Expected ROI of mobile ESS unit project in Poland 2025



Overview

Who will supply ESS batteries in Poland?

The contractor on the project will be LG Energy Solution Wrocław. 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 supply ESS batteries in Poland?

LG Energy Solution announced today that it has signed an agreement with PGE, Poland's largest energy sector company, to supply 981MWh of grid-scale ESS batteries between 2026 and 2027. Both companies will collaborate to establish a battery energy storage facility in Żarnowiec, Poland.

What is EES Europe 2025?

Munich, May 7, 2025 – LG Energy Solution has announced its participation at EES Europe 2025, Europe's largest international exhibition for batteries and energy storage systems (ESS), to be held at Messe München in Munich, Germany, from May 7 to 9.

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).

What does ENEX 2025 tell us about energy storage in Poland?

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 interest, the country is well-positioned to

capitalize on energy storage innovations.

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.”

Expected ROI of mobile ESS unit project in Poland 2025



Poland's Energy Transformation: Major Investments ...

Poland's Energy Transformation: Major Investments and Developments in 2024-2025
Poland is undergoing a significant energy transition, with massive investments in nuclear power, renewable energy, hydrogen technology, and ...

LG Energy Solution wins 1GWh ESS deal in Poland

PGE, the largest utility in Poland, provides comprehensive power services to over 6 million households, businesses, and public institutions. The ESS project will be built in the northern region of Zarnowiec and aims to ...



Grid-scale ESS agreement with Poland's PGE

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

LG Energy Solution Secures Grid-scale ESS Supply Agreement ...

Hyung Kim, Head of the ESS Battery Division at LG Energy Solution, stated that the project is one of the largest ESS initiatives in Europe. He highlighted the launch of LFP ...

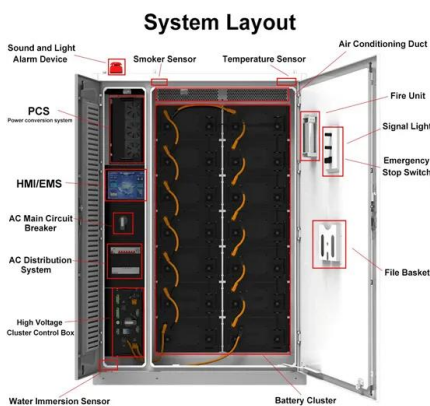


Real Estate Guide in Poland 2025 , EY

Poland's real estate market presents various opportunities across different sectors: Offices New supply in 2025 is expected to reach similar levels as in 2024, while a potential increase in the number and scale of ...

LG Energy Solution to roll out energy storage systems in Poland

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 ...



LG Energy Solution Showcases ESS Leadership at ...

LG Energy Solution has revealed that its manufacturing facility in Wroclaw, Poland, is establishing dedicated ESS production lines that will commence production later this year. This move is expected to give the ...

Assets on the move: Monsson buys second Swedish battery project...

A representative for R.Power told ESS News that "the assets are expected to commence commercial operation between 2027 and 2029, depending on the project," with ...

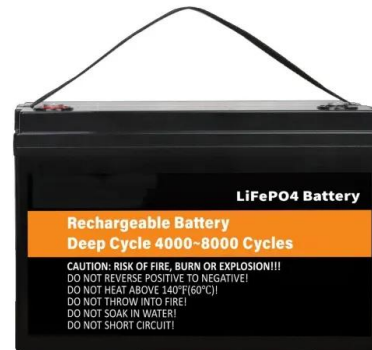


China's Huadian announces winners in 6 GWh BESS ...

The procurement exercise has attracted 67 battery energy storage companies but only six have emerged as winners. The average bid stood at CNY 0.473/Wh (\$65/kWh).

R.Power advances 2.3 GWh battery storage portfolio in Poland

Each project has also applied for grant support from the National Fund for Environmental Protection and Water Management (NFOSiGW), with funding decisions ...



Polish utility plans to add 10 GWh of energy storage ...

This includes the landmark 262 MW/981 MWh ME Zarnowiec battery project and further facilities in Gryfino, Rybnik, Rogowiec and Kraków. Additionally, the utility is planning 75 distributed energy storage facilities ...

BYD to supply 1.6 GWh of battery storage for Greenvolt in Poland

The contract covers the design and operation of two storage projects, each with a capacity of 200 MW/800 MWh. The facilities will be located in Turosn Koscielna and Nowa ...

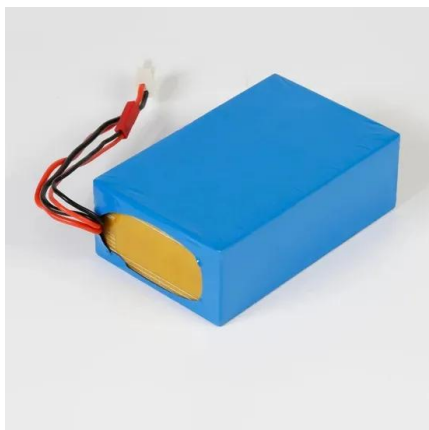


Energy Storage Systems (ESS) Projects and Tenders

Content Owned by MINISTRY OF NEW AND RENEWABLE ENERGY Developed and hosted by National Informatics Centre, Ministry of Electronics & Information Technology, ...

GSL Energy Hosts a Grand ESS Battery Product Launch Event in ...

On May 12, 2025, GSL Energy successfully hosted its much-anticipated Energy Storage System (ESS) Product Launch in the vibrant city of Rzeszów, Poland. Distributors, ...



[Press Release , Media , LG](#)

LG Energy Solution has revealed that its manufacturing facility in Wroclaw, Poland, is establishing dedicated ESS production lines that will commence production later this year. This move is expected to give the ...

The 960 largest construction projects in Poland by 2029

The total value of flagship projects in the construction phase is PLN 152 billion (similar to last year), and projects in the tender, design or pre-design phase - PLN 730 billion. On average, an investment analysed amounts ...

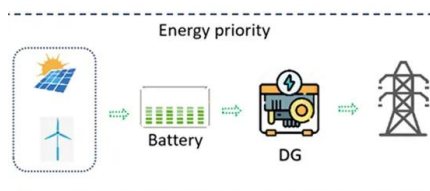


[Press Release , Media , LG](#)

"With European demand for grid-scale, residential, and UPS ESS growing rapidly, LG Energy Solution is committed to delivering best-in-class quality and local production capabilities to proactively meet various customer ...

Poland finalizes 5 GWh energy storage subsidy scheme

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.



Salary Poland 2025 Report : Average Salaries Poland, Trends

Discover the latest insights on salaries in Poland for 2025. Learn about salary Poland trends, industry comparisons, regional differences, and market forecasts for HR and ...

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

Increase your chances of winning more work with Global Project Tracker's grid-scale/utility scale energy storage system (ESS) project leads database by discovering the perfect projects in ...



900MWh BESS first to use LG's ESS cells produced ...

"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. The confirmation that the batteries will be produced ...

Poland to lead battery storage deployments in Eastern ...

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 ...



LG Energy Solution Showcases ESS Leadership at ees Europe 2025 ...

LG Energy Solution has revealed that its manufacturing facility in Wroclaw, Poland, is establishing dedicated ESS production lines that will commence production later this ...

Bigger cell sizes among major BESS cost reduction drivers

Trend towards larger battery cell sizes and higher energy density containers is contributing significantly to falling BESS costs.



LG Energy Solution was selected as a 1GWh energy storage system (ESS)

LG Energy Solution was selected as a 1GWh energy storage system (ESS) project partner in Poland. LG Energy Solution announced on the 25th that it has signed a ...

Energy Storage System (ESS) Containers Market by Applications: Poland

The Energy Storage System (ESS) Containers Market, valued at 12.79 Bn in 2025, is expected to grow at a CAGR of 9.82% from 2026 to 2033, reaching 22.44 Bn by 2033.

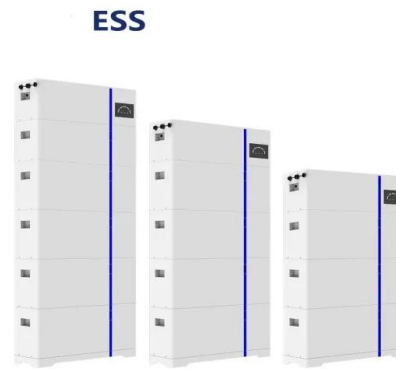


Gotion launches 7 MWh BESS container, 650 Ah cell

The Chinese manufacturer has joined the energy density race with the release of its latest utility-scale battery energy storage system and high-capacity cells.

900MWh BESS first to use LG's ESS cells produced ...

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 ...



ESS Technologies: Recent advances and policy ...

Recent policy initiatives The MoP, in February 2025, issued tariff- based competitive bidding guidelines to procure stored energy from existing, under-construction, or new PSPs. The procurement process includes projects ...

Energy Storage Systems (ESS) Overview

3 ???· The challenge with Renewable Energy sources arises due to their varying nature with time, climate, season or geographic location. Energy Storage Systems (ESS) can be used for storing available energy from Renewable ...

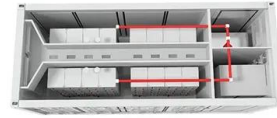


China's Huadian announces winners in 6 GWh BESS tender with average ...

The procurement exercise has attracted 67 battery energy storage companies but only six have emerged as winners. The average bid stood at CNY 0.473/Wh (\$65/kWh).

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



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