

Poland Energy Storage Power Station Project





Overview

PGE Polska Grupa Energetyczna has contracted LG Energy Solution Wrocław to build a 262 MW, 981 MWh electricity storage facility in Żarnowiec, valued at €372 million. Completion is expected by Q2 2027. Who controls Poland's pumped-storage hydropower assets?

Currently, PGE controls roughly 90% of Poland's pumped-storage hydropower assets, positioning it as the country's dominant player in the energy storage sector. Poland is in the midst of a challenging energy transition.

Will Poland have a power storage system?

PGE Group has obtained the first license promise in Poland for electricity storage. Yes, Poland will have a power storage system. The storage system will be set up at the 716-MW Żarnowiec pumped-storage power plant with 3,600 MWh of storage capacity.

What are the new energy storage rules in Poland?

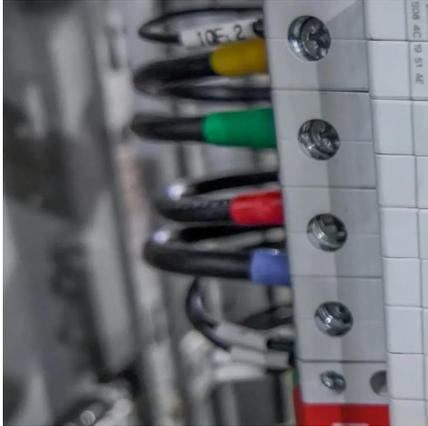
Poland's new rules state that energy storage facilities over 10MW require licensing to ensure they can provide services to Poland's National Power System. Facilities 10MW or smaller do not need licensing but do need to register with the transmission system operator or distribution system operator for their area.

Will pumped hydro solve Poland's energy challenges?

The recent completion of Żarnowiec Pumped Storage Power Station's 750 MW expansion shows promise, but pumped hydro alone won't solve Poland's unique energy challenges. Here's the problem: Wind farms now contribute 12% of Poland's electricity, but their output fluctuates wildly.



Poland Energy Storage Power Station Project



[Energy storage subsidy programs in Poland ...](#)

2 days ago · Energy storage subsidies in Poland for 2024-2025 support the country's energy transition, increasing RES efficiency and grid stability.

[Poland selects 183 energy storage projects for funding](#)

1 day ago · Poland's eco-fund has pre-qualified 183 energy storage projects in its latest competitive round with a budget of PLN 4.15 billion (USD 1.14bn/EUR 981m) from the ...



[Harmony Energy sells 200-MW battery ...](#)

Mar 13, 2025 · UK renewables developer-operator Harmony Energy has sold a 200-MW/400-MWh battery storage project in Poland to a local unit of ...

[EDF Renewables buys 120 MW energy storage project in Poland](#)

Dec 4, 2024 · The Polish unit of France's EDF Renewables has acquired a 120 MW battery energy storage project in Poland, its second in the country, local media reported.



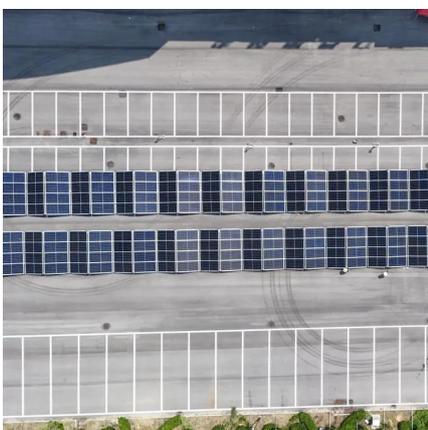
[PGE's Biggest Energy Storage in Europe](#)

Oct 18, 2024 · Polska Grupa Energetyczna (PGE) is building the biggest European energy storage in Zarnowiec close to its 40-years-old pumped ...



Tesla agrees to build China's largest grid-scale battery power ...

Jun 20, 2025 · "The grid-side energy storage power station is a 'smart regulator' for urban electricity, which can flexibly adjust grid resources," Tesla said on Weibo, according to a ...



[Poland Energy Storage Subsidy: EUR1 Billion ...](#)

Apr 7, 2025 · Learn about Poland's EUR1 billion energy storage subsidy aimed at installing 5.4 GWh of BESS by 2028, strengthening grid stability and ...



LG Energy Solution to build Poland's largest ...

Mar 10, 2025 · This will be Poland's largest energy storage project and among the largest in Europe. In two years, the company will be able to ...



Poland selects 183 energy storage projects under \$1 billion

1 day ago · The requested funding for energy storage facilities, with a combined power output of over 20 GW and an energy capacity of 122 GWh, totaled nearly PLN 28 billion (\$7.7billion) - ...



LG Energy Solution to build Poland's largest energy storage

Mar 10, 2025 · This will be Poland's largest energy storage project and among the largest in Europe. In two years, the company will be able to supply clean energy to 250,000 households ...



Polish utility PGE wants to couple 200 ...

Jul 26, 2022 · The storage facility will be connected with the existing 716 MW Zarnowiec Pumped Storage Power Station, which is located about 7 km ...





Poland Energy Storage Subsidy: EUR1 Billion Program Targets 5.4 GWh by ...

Apr 7, 2025 · Learn about Poland's EUR1 billion energy storage subsidy aimed at installing 5.4 GWh of BESS by 2028, ...



[Poland's energy storage boom is here](#)

May 30, 2025 · Poland has just rolled out one of Europe's most ambitious energy storage programmes - a EUR980 million initiative that's set to ...



[Enea gets support for 8MW energy storage ...](#)

May 20, 2025 · The Debrzno-Wies ESS project will be built in the central Greater Poland province, using lithium-ion technology. It will be placed in ...



[The Malta Energy Storage Power Station Project: A Game ...](#)

Why the World Needs Malta's Thermal Energy Breakthrough You know how everyone's talking about renewable energy these days? Well, here's the problem they don't always mention: ...



[Poland's energy storage boom is here](#)

May 30, 2025 · Poland has just rolled out one of Europe's most ambitious energy storage programmes - a EUR980 million initiative that's set to transform the country's grid infrastructure.

...



[Poland's Energy Storage Revolution: How Battery Systems ...](#)

The recent completion of Zarnowiec Pumped Storage Power Station's 750 MW expansion [2] shows promise, but pumped hydro alone won't solve Poland's unique energy challenges. ...

Poland's PGE Expands Battery Energy Storage Systems with ...

Aug 16, 2025 · Poland's state-owned utility PGE Group has taken another decisive step in its energy transition strategy, unveiling a tender for one of the country's largest battery energy ...



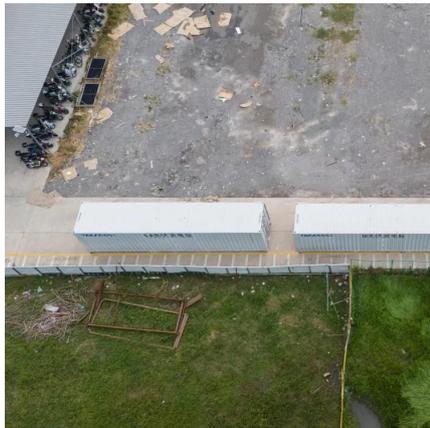
Poland shortlists 183 energy storage projects for EU funding

19 hours ago · Poland's state environmental fund says developers sought PLN 28 billion (\$7.7 billion) for 20 GW and 122 GWh of storage projects - nearly seven times the program's ...



[Merus Power delivers energy storage system to Poland, ...](#)

Aug 13, 2025 · The company was selected as the supplier of the battery energy storage system through a public tender. The delivery will take place in autumn 2026 to the Smolnica power ...



Poland's largest battery-based energy storage facility is ...

Sep 19, 2025 · Highlights: PGE has launched the construction of a battery-based energy storage facility with the installed capacity of 263 MW and the storage potential of 900 MWh. The ...

[Map of Power Plants In Poland](#)

Mar 22, 2025 · Overview of Power Plants in Poland Energy Mix: Poland's energy sector is heavily dominated by coal, which accounts for a large share of electricity generation. However, the ...



Construction of Poland's largest energy storage facility begins

Sep 23, 2025 · Construction of the largest energy storage facility in Poland - and one of the biggest of its kind anywhere in Europe - has begun. The site is intended to become a key part ...



POLAND S LARGEST HYBRID BATTERY ENERGY STORAGE ...

Poland has the largest energy storage Polska Grupa Energetyczna (PGE) is building the biggest European energy storage in Zarnowiec close to its 40-years-old pumped storage power plant. ...



Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:
<https://eiei.pl>

Scan QR Code for More Information



<https://eiei.pl>