

# Poland Energy Storage Power Station Project





## Overview

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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.

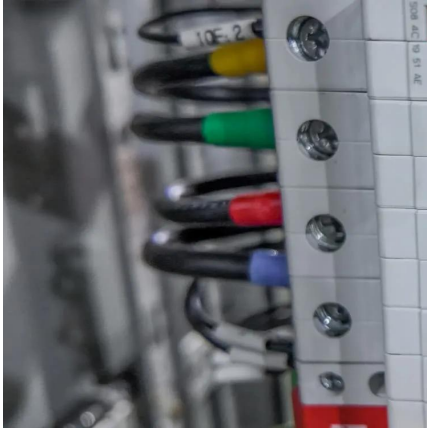
Will pumped hydro solve Poland's energy challenges?

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.



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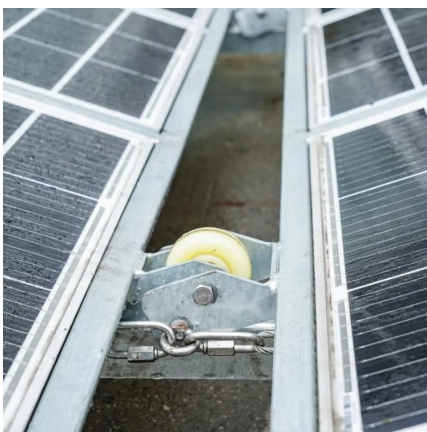
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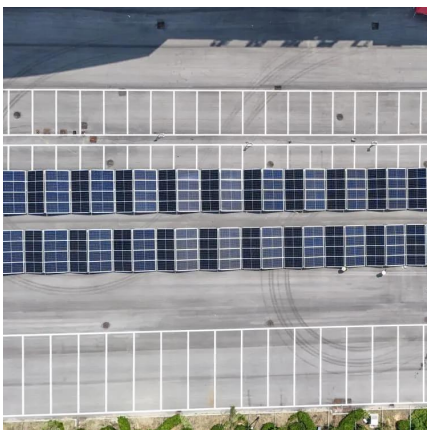
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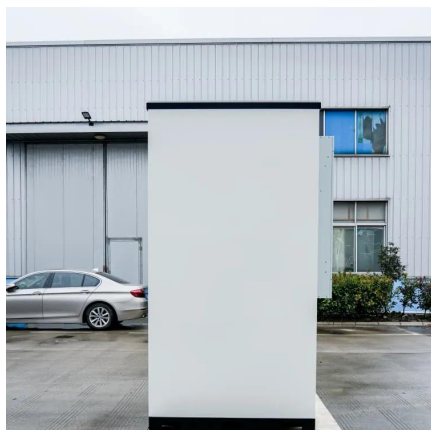


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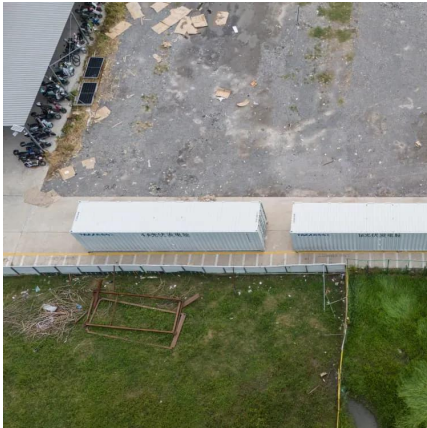
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