

Will energy storage facilities improve the stability of Poland's electricity grid?

On 23 July 2024, the National Fund for Environmental Protection and Water Management put under public consultation a new priority aid scheme entitled: "Energy storage facilities and related infrastructure for improving the stability of the Polish electricity grid".

When will the energy storage scheme be launched in Poland?

Call for applications under the Scheme "Energy storage facilities and related infrastructure for improving the stability of the Polish electricity grid" will be launched already this year. Subsidy contracts are to be entered into by the end of 2025, while the period for spending the funds ends with 2028.

How do energy storage projects work in Poland?

The operational stage of a storage project also typically involves a process of support agreements such as O&M contracts, technical consulting, and power distributor agreements. Projects concerning energy storage, as with other infrastructure projects in Poland, require the necessary administrative permits to be obtained.

How to start an energy storage facility in Poland?

When considering starting an investment as an energy storage facility, it is necessary to apply the Energy Law, which contains regulations for this type of installation. The main regulatory obligations in Poland depend on the total installed capacity of a given storage facility.

Are renewable investments affecting Poland's power grid?

As in many other EU jurisdictions, in Poland the exponentially growing number of RES investments is causing disruption to the power grid. One solution to this problem is the large-scale development of energy storage facilities.

Why is Poland working on new renewable regulations?

The Polish legislator has been working on new regulations that will facilitate the implementation of RES projects necessary to achieve the goals of the Fit for 55 package. As in many other EU jurisdictions, in Poland the exponentially growing number of RES investments is causing disruption to the power grid.

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July 28, 2022: Polish state energy firm PGE has received a preliminary licence from regulators to build a 200MW battery storage facility in the country as part of a commercial hybrid energy storage (CHEST) project, the company said on July 20.

Three new energy storage facilities with a total power of 7 MW and capacity of 19 MWh will be built in areas particularly exposed to power outages and deterioration of grid quality parameters, i.e. in the Podkarpackie and Łódzkie provinces.

Energy storage subsidy programs in Poland are a key component of the country's energy transition. These initiatives support prosumers, businesses and farmers, influencing a greater share of renewables in the energy mix and improving the stability of the electricity grid.

The electricity storage support scheme aims to facilitate the reduction of fossil fuel use and the increased penetration of renewable energy on the Polish grid. Systems with 4MWh capacity or higher will be eligible, connected to either transmission or distribution networks at all voltage levels.

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The European Commission has approved a EUR1.2 billion Polish scheme to support investment into electricity storage facilities to help reduce the reliance of the Polish electricity system on fossil fuels and to facilitate the smooth integration of variable-generation renewable energy into the national electricity system.

This knowledge base section offers extensive information on energy storage use cases and market for it in Poland as well as consultancy services related to public tenders and procurement of energy storage systems and ESS grid services on the Polish market.

The energy storage projects we encounter on the Polish market are of great diversity, ranging from battery storage facilities with relatively small total installed capacities, through contracts focusing on the joint development of specific technologies (hydrogen, ammonia) for commercial use, to large energy storage facilities within pumped ...

Polish Energy Storage Association - together we are building a modern, solid and secure electric power system in Poland. We are integrating innovative companies and organisations involved in developing the power sector and environment protection, we are promoting and supporting energy storage facilities.

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This amendment introduces comprehensive solutions for the operation and development of energy storage systems in Poland. On 24 November 2020, the Government has adopted a draft amendment to the Energy Law

Act, which contains a number of regulations concerning energy storage systems.

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