

Title: German energy storage orders

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Does Germany need energy storage systems?

While around 254 terawatt-hours (TWh) of electricity were generated from renewable energy in Germany in 2022, 600 TWh of electricity are expected to come from renewable sources by 2030. Germany is particularly dependent on a market ramp-up of energy storage systems, especially battery storage systems. What role do energy storage systems play?

Should energy storage systems be included in Germany's power plant strategy?

The power plant strategy for hydrogen-capable power plants recently presented by the German government also emphasises that storage systems should be included. Exemption from grid charges The BMWK's comments express sympathy for the continuation of the current grid fee exemptions for energy storage systems.

How many electricity storage facilities are there in Germany?

In principle, the number of electricity storage facilities, their installed power and storage capacities are recorded in the Core Energy Market Data Register kept by the Bundesnetzagentur. In Germany, there are currently some 30 pumped storage plants with a combined capacity of approx. 24 GWh and a total power of approx. 6 GW.

Do battery storage systems need a permit in Germany?

In Germany, in most cases, neither environmental nor energy industry permits are required for battery storage system alone, though it must comply with the regulation on electromagnetic fields (26. BImSchV). Battery storage systems must be registered in the market master database (Marktstammdatenregister).

The German Bundestag approved on Thursday legal changes to enable the faster implementation of storage systems for electricity, heat and hydrogen across the country.

In brief On 8 December 2023, the Federal Ministry for Economic Affairs and Climate Action (BMWK) presented its energy storage strategy. The strategy paper provides an overview of the measures and ...

Why should I read this? On 13 November 2025, the German Federal Parliament (Bundestag) passed an amendment to, inter alia, the Energy Industry Act (Energiewirtschaftsgesetz ...



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Electricity storage has an important role to play in this, both for energy storage as such and also for the stabilisation of the electricity system and the grids. Currently, a strong and market ...

The German government has opened a public consultation on new frameworks to procure energy resources, including long-duration energy storage (LDES).

Germany policy has become easier for large-scale storage projects with new laws supporting easier planning regulations for non-urban areas. The German Parliament (Bundestag) ...

The German legal framework for BESS projects is currently also in a process of changes: The German parliament adopted a comprehensive energy reform package on 31 January 2025, ...

Energy stock market In Germany, the so called electricity market 2.0 was initialized in 2017 by the lawmakers with the goal of enhancing fair competition in the electricity market. The ...

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