

PDEOZE PowerContainer

The latest German energy storage equipment transformation plan



Overview

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, which includes relevant changes for BESS projects with the aim to further support the growth of storage capacities in Germany. 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?

What changes have been made to Bess projects in Germany?

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Will Germany add more power storage projects in 2023?

Germany will likely add many more projects in the coming months, as the federal government increasingly focuses on storage solutions. In December 2023, the Federal Ministry for Economic Affairs and Climate Action (BMWK) published its "Power Storage Strategy" to accelerate the development of new capacities.

What is the energy storage strategy?

The strategy paper provides an overview of the measures and challenges involved in establishing energy storage systems. The energy storage strategy aims to promote the expansion and integration of energy storage systems and

thus support the energy transition. By 2035, the energy sector in Germany should be largely free of greenhouse gas emissions.

When will Bess energy reform come into force in Germany?

On January 31 2025, the German Parliament adopted a comprehensive energy reform package which includes, inter alia, the following changes for BESS projects which are expected to enter into force in March 2025:.

How many battery storage systems are there in Germany?

According to preliminary numbers from the German Solar Industry Association (BSW Solar), there were 1.8 billion installed battery storage systems in Germany at the end of last year. They had a capacity 19 gigawatt hours (GWh), enough to cover the daily electricity consumption of two million two-person households.

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