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French energy storage battery subsidies



Overview

Government Subsidies: Germany and France cover up to 50% of installation costs, while Italy provides an additional 10–20% tax credit for battery storage. Is France a leader in battery storage in Europe?

One year after the aFRR market opened to batteries, France is now among the leaders in storage in Europe, driven by strong project growth and improved profitability. However, challenges remain: revenue volatility, saturation risks, and limited market size.

What is the outcome for batteries in France?

The reopening of the call for tenders for secondary reserve capacity (aFRR – Automatic Frequency Restoration Reserve) to battery energy storage systems (BESS) on 18 June 2024 marks a decisive step for the energy transition in France.

How much battery capacity does France have in 2024?

By the end of 2024, the country had 1.7 GW of installed battery capacity and approximately 8 GW of additional projects in the pipeline. This momentum now places France among the top three European countries by installed capacity, highlighting the increasing importance of storage in supporting the development of renewable energy on the grid.

Will French battery storage market reopen in 2026?

The capacity mechanism reform, expected in 2026, would be a major step forward, offering enhanced visibility, contractual complementarity, and greater investor confidence. Conclusion One year after the reopening of the call for tenders for secondary reserve capacity, the French battery storage market stands at a crossroads.

Does Switzerland need grid-scale battery storage?

Switzerland, as a power transit country with strong grid connectivity, has

limited demand for grid-scale battery storage despite having close to 4 GW of pumped storage capacity. The Belgian energy storage market is expected to grow from 491 MW in 2023 to 3.6 GW in 2030, and pre-table energy storage will grow rapidly.

Are grid-side energy storage projects a good idea in Belgium?

Grid-side energy storage projects in Belgium have good prospects, thanks to low grid charges, no double charging policies, and diversified revenue sources. In 2023, 11 new battery projects in Belgium have been awarded capacity market contracts, totaling more than 363 MW.

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