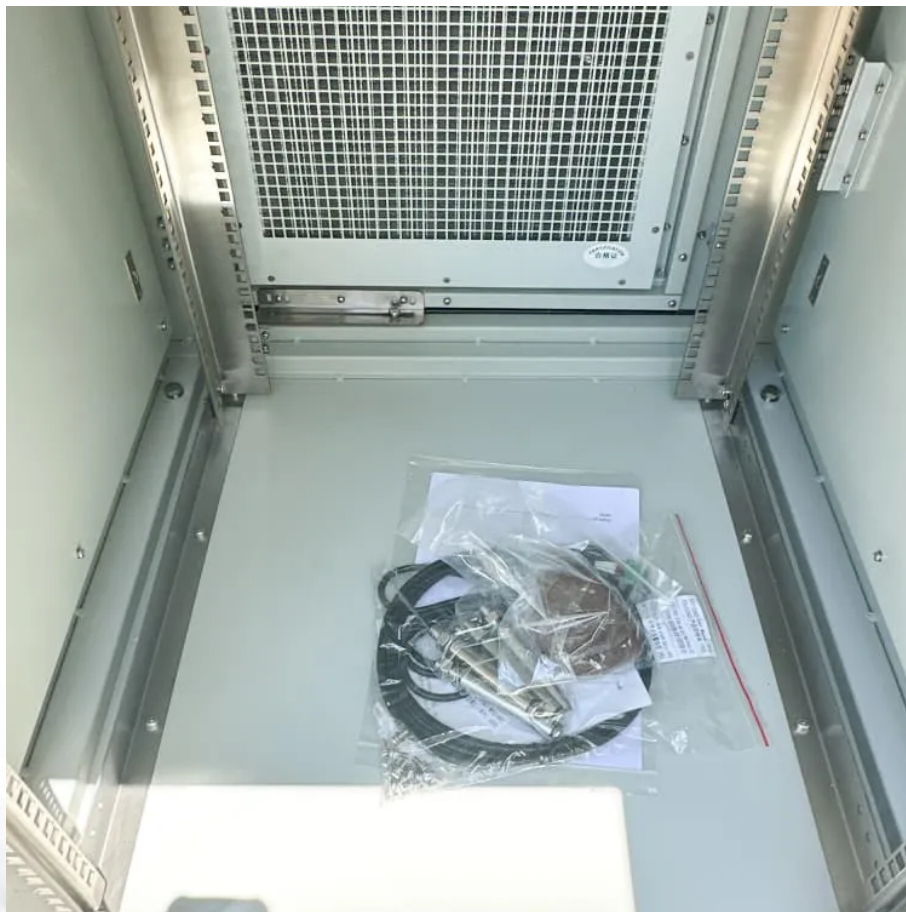


Energy storage projects planned and under construction in Spain





Overview

What is Spain's energy storage program?

For stakeholders in battery storage, thermal storage, and pumped hydro, this program offers not only financial backing but also long-term stability and political support. Spain has launched a €700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy 2.5–3.5 GW of capacity.

How has Spain strengthened its energy infrastructure?

Spain has taken a decisive step in strengthening its energy infrastructure with the launch of a €700 million support scheme aimed at expanding large-scale energy storage across the country.

What is Casablanca solar power plant – thermal energy storage system?

The Casablanca Solar Power Plant – Thermal Energy Storage System is a 50,000kW molten salt thermal storage energy storage project located in Talarrubias, Badajoz, Spain. The thermal energy storage battery storage project uses molten salt thermal storage storage technology.

How much grid-scale storage will Spain have in 2025?

As of early 2025, Spain has roughly 1 GWh of grid-scale storage under construction, according to industry sources. This new wave of funding could accelerate the build-out, enabling developers, integrators, and OEMs to expand their footprint in one of Europe's most promising emerging markets.



Energy storage projects planned and under construction in Spain



Naturgy Starts Construction of First Battery Projects in Spain

Oct 27, 2025 · Naturgy has started construction on its first battery energy storage projects in Spain, aiming to enhance grid flexibility and support renewable energy integration. The initial ...

[Spain's EUR700 Million Plan to Boost Energy ...](#)

Jun 3, 2025 · Source: European Commission
Energy storage also reduces the need for fossil fuel power plants to operate as backup. This lowers ...



[Overview of energy storage in Spain: projects, ...](#)

Aug 1, 2025 · Energy storage has become a key piece of the electrical future in Spain, amidst the advance of renewable energies and the progressive ...

Spain awards 133 energy-storage projects totaling 2.4 GW ...

Dec 1, 2025 · Spain's Institute for the Diversification and Saving of Energy confirmed EUR827 million (\$961.4 million) in European Regional Development Fund co-financing for 133



energy-storage ...



Spain Energy Storage Program Launches with EUR700 Million in ...

Jun 3, 2025 · Spain has launched a EUR700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy 2.5-3.5 GW of capacity. The initiative, ...

Over 2.3 GW of storage in processing and 25 projects ...

Aug 12, 2025 · Over 2.3 GW of storage in processing and 25 projects progressing in 2025 in Spain Spain's storage landscape is diversifying with BESS and pumped hydro projects across ...



Spain Energy Storage Program Launches with ...

Jun 3, 2025 · Spain has launched a EUR700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy ...



Spain authorizes 29.3 MW energy storage in Q2 2025, with ...

Jul 11, 2025 · Between April and June 2025, Spain's larger scale energy storage projects saw a small increasing in construction authorization, with a much larger increase in new projects ...



[Spain's EUR700 Million Plan to Boost Energy Storage and ...](#)

Jun 3, 2025 · Source: European Commission Energy storage also reduces the need for fossil fuel power plants to operate as backup. This lowers greenhouse gas emissions and cuts fuel ...

Overview of energy storage in Spain: projects, challenges, ...

Aug 1, 2025 · Energy storage has become a key piece of the electrical future in Spain, amidst the advance of renewable energies and the progressive withdrawal of nuclear generation. ...



[Top five energy storage projects in Spain](#)

Sep 10, 2024 · Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. Spain had 88MW of capacity in ...



[Spain Launches EUR700 Million Energy Storage Scheme to ...](#)

Jun 3, 2025 · This new funding builds on earlier support under Spain's Recovery, Transformation and Resilience Plan (PRTR), which has already mobilized EUR730 million for 4.5 GW of storage ...



Energy storage is growing in Spain with 3,400 MW of capacity

Oct 17, 2025 · Energy storage has experienced an unprecedented boost in Spain during the third quarter of 2025. According to data from the Renewable Energy Observatory, prepared by ...

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