
Spain Barcelona equipped with energy storage wind power

Why do we need energy storage systems in Spain?

Energy storage systems in Spain are a key element in the fight against climate change, as they help us to address the challenge of the energy transition. These systems make renewable energy production more flexible; and therefore help us to guarantee its integration into the Spanish electricity system.

How will Spain increase its energy storage capacity?

Spain has launched an ambitious EUR700 million (around \$796 million) program to increase its energy storage capacity. This plan will add 2.5 to 3.5 gigawatts (GW) of storage. It includes pumped hydro, thermal energy storage, and battery systems.

How has Spain strengthened its energy infrastructure?

Spain has taken a decisive step in strengthening its energy infrastructure with the launch of a EUR700 million support scheme aimed at expanding large-scale energy storage across the country.

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 EUR700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy 2.5-3.5 GW of capacity.

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 ...

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Envision Energy, a global leader in green technology, and GES (Global Energy Services), a leading Spanish provider of renewable energy engineering and service solutions, ...

The future of energy storage in Spain Experts gather at the offices of DLA Piper in Madrid, Spain to discuss the role of energy storage (BESS) in Spain, facing the challenges of the new energy era, in an event ...

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Renewable energy will cover almost half of the world's electricity demand by 2030, according to the Renewables 2024 report by the International Energy Agency (IEA), thanks to ...

The target for energy storage has been increased from 20GW in the previous NECP to 22.5GW by 2030. Image: Iberdrola. Spain has increased its energy storage target by 2030 to 22.5GW in the latest ...

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