

# Energy storage projects in Spain





## Overview

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What is energy storage in Spain?

It targets large-scale energy storage projects in Spain. It focuses on technologies like standalone battery energy storage systems (BESS), pumped hydro energy storage (PHES), and thermal energy storage. The program supports hybrid projects, which combine storage with renewable energy, such as solar or wind farms.

How much money does Spain spend on energy-storage projects?

Data Protection Policy Spain's Institute for the Diversification and Saving of Energy confirmed €827 million (\$961.4 million) in European Regional Development Fund co-financing for 133 energy-storage projects with a combined capacity of about 2.4 GW and 10 GWh.

How will Spain increase its energy storage capacity?

Spain has launched an ambitious €700 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.

Will Spain be able to deploy large-scale electricity storage?

The European Commission has approved a new aid scheme that will allow Spain to deploy large-scale electricity storage, both in hybridisation with renewable energy facilities and stand-alone and thermal.



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

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. Ensuring the network stability Faced ...

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### **Naturgy Starts Construction of First Battery Projects in Spain**

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 ...

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### [Over 2.3 GW of storage in processing and 25 projects ...](#)

Spain's storage landscape is diversifying with BESS and pumped hydro projects across multiple regions, led by major utilities and new market entrants, and a connection ...

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### **European Commission approves new 700 million aid scheme to boost energy**

The European Commission has approved a new aid scheme that will allow Spain to deploy large-scale electricity storage, both in hybridisation with renewable energy facilities ...



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

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

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. ...

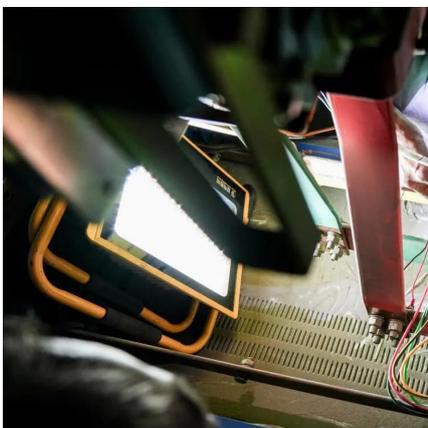
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### Spain awards 133 energy-storage projects totaling 2.4 GW ...

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 ...

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

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 ...

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### **Spain allocates EUR840m for storage projects, passes grid decree**

Spain has chosen the 143 energy storage projects that will receive capex support from an EU-backed scheme, totalling nearly 9GWh of capacity.

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

It targets large-scale energy storage projects in Spain. It focuses on technologies like standalone battery energy storage systems (BESS), pumped hydro energy storage ...

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

Spain's Ministry for the Ecological Transition and the Demographic Challenge (MITECO) has announced a major funding initiative worth EUR700 million to boost large-scale ...

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