



MODERNIZATION SOLAR

# Spain Barcelona Energy Storage Project





## Overview

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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. 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 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.

How many energy storage sites are there in Spain?

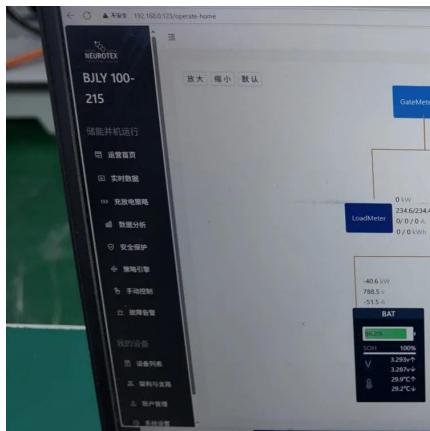
Data Protection Policy The Spanish energy agency has proposed funding for 144 energy storage sites totaling 2.61 GW and 11.14 GWh under a European Regional Development Fund program.

Why should Spain invest in energy storage?

Investing in energy storage helps Spain meet its climate goals. This includes achieving carbon neutrality by 2050. Storing renewable energy instead of wasting it helps the country rely less on fossil fuels. This also cuts down greenhouse gas emissions. Pumped hydro, thermal storage, and battery systems are effective technologies.



## Spain Barcelona Energy Storage Project

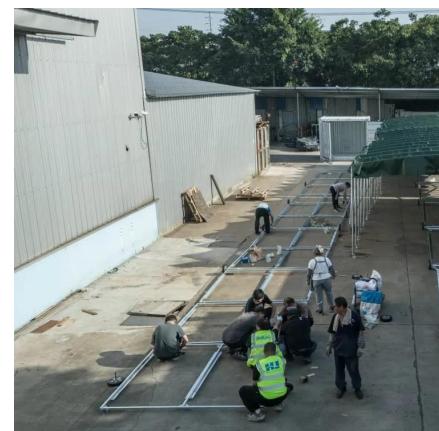


### Current situation and challenges of energy storage in Spain

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 10 energy storage manufacturers in Spain

3 days ago · The article will explore top 10 energy storage manufacturers in Spain including e22 energy storage solutions, Iberdrola, Cegasa, ...



### Current situation and challenges of energy ...

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 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, ...



### [Catalonia leads electricity storage projects in Spain](#)

Apr 26, 2025 · Catalonia leads electricity storage projects in Spain The Principality is the fifth territory with new renewable energy projects granted construction permits in the first quarter.



### [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 provisionally awards EUR839 million to 11 GWh of energy storage**

Oct 27, 2025 · The Spanish energy agency has proposed funding for 144 energy storage sites totaling 2.61 GW and 11.14 GWh under a European Regional Development Fund program.



## Homepage , Energy Storage

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### [Applications for 820 MW of energy storage ...](#)

Jan 13, 2025 · More than 182 MW of the battery energy storage systems (BESS) highlighted in Spain's Official State Gazette (BOE) are for ...



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

Jun 3, 2025 · 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 ...



### [Solarplaza Summit Energy Storage Spain](#)

Jun 13, 2023 · Energy Storage in Spain: Making It Work Energy Storage , Renewable Energy , Investments The targets are set. For Spain, ...



## Photovoltaic energy storage project in Barcelona Spain

How many MW is a photovoltaic plant in Spain?  
Iberdrola España has commissioned the Arañuelo III photovoltaic plant, with an installed capacity of 40 MW, the first photovoltaic ...



## 811 MW/3.6 GWh of storage projects set for ...

Oct 1, 2024 · Pending approval, a total of EUR167.6 million (\$187.1 million) has been allocated toward 46 standalone thermal and electrical energy ...

## **Aurora**

Oct 26, 2023 · The 2023 NECP proposes a 173% increase (or 85 GW) in renewable capacity by 2030 from current capacities<sup>1</sup>; storage<sup>2</sup> is expected to increase by 487%, or 15 GW from ...



## Spain targets 20GW of energy storage by 2030 as part of ...

Feb 12, 2021 · Updated: Spain's government has approved an energy storage strategy that it says will put the country "at the forefront" of what is being done in Europe and help it move towards ...



## [Spanish storage: Iberdrola details its winning storage ...](#)

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## [Iberdrola Secures Funding for Energy Storage Projects](#)

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

Jun 3, 2025 · Spain's EUR700M plan adds 2.5-3.5 GW of energy storage to boost renewables, cut emissions, and strengthen the grid.



## [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 ...



## Carbon Capture & Storage in Spain

Mar 29, 2024 · Spain's Potential for Carbon Capture and Storage Spain has set the legally-binding target to achieve climate neutrality by 2050. Spain's industrial point sources emit a ...



## EU approves Spain's EUR700m energy storage ...

Mar 18, 2025 · The European Commission on Monday greenlit a new aid scheme to enable Spain to deploy large-scale energy storage with co ...

## Spain's EUR700 Million Plan to Boost Energy Storage and ...

Jun 3, 2025 · Spain's EUR700M plan adds 2.5-3.5 GW of energy storage to boost renewables, cut emissions, and strengthen the grid.



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