

Spain s new energy storage requirements





Overview

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.

What does the European Commission say about energy storage in Spain?

La Moncloa. 17/03/2025. European Commission approves new 700 million aid scheme to boost energy storage in Spain [News] The Ministry of Ecological Transition and Demographic Challenge will promote the large-scale deployment of this technology by co-financing investments of up to 85%.

How much money will Spain spend on energy storage projects?

Spain's ministry for the ecological transition said on Friday it will allocate EUR 700 million (USD 799.4m) in grants through competitive tendering to support large-scale energy storage projects in an effort to improve grid flexibility and integrate more renewables. Vanadium redox flow battery installed at the Son Orlandis solar farm in Mallorca.

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.

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.



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.



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

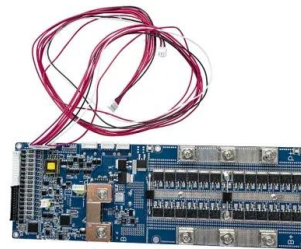
The program supports hybrid projects, which combine storage with renewable energy, such as solar or wind farms. Spain's electricity grid already generates more than half ...

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Spain passes legislation to boost energy storage and solar ...

On June 24, 2025, the Spanish government officially approved Royal Decree No. 7/2025, which aims to enhance the resilience of the national power system through a series of ...

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[How to qualify for energy storage grants in Spain](#)

Jon Ander López Ibarra, product manager for battery energy storage systems (BESS) at Spanish power conversion system company Jema Energy, says Spain needs to ...

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Spain Introduces Capacity Market

Market participants will need to meet stringent requirements for flexibility, reliability, and emissions limits - generation cannot exceed 550 grams of CO2 per kWh. ...

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Major Breakthrough in Spain's Energy Storage Policy: Energy Storage

Major Breakthrough in Spain's Energy Storage Policy: Energy Storage Explicitly Classified as "Public Utility" The Spanish government approved Royal Decree 7/2025 on June ...

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

To qualify, projects must be grid-connected, have a minimum installed capacity of 1 MW, and enter commercial operation no later than 31 December 2029. Importantly, awarded ...

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Iberia: Why are there no batteries in Spain?

Spain's battery energy storage market is at a critical point. Despite being a leader in renewable energy deployment in Europe, the country has only 18 MW of standalone batteries installed, ...

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How Spain's EUR700 Million Program Is Accelerating Battery Storage

6 hours ago · Spain's EUR700 million BESS Spain scheme boosts battery storage, strengthens grid reliability, and drives renewable energy integration nationwide.

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

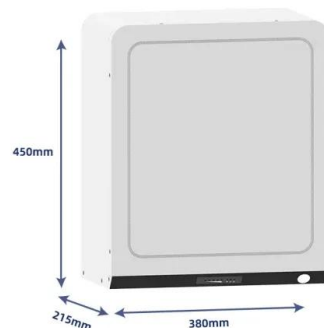
Global energy storage capacity was estimated to have reached 36,735MW by the end of 2022 and is forecasted to grow to 353,880MW by 2030. Spain had 88MW of capacity in ...

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European Commission approves new 700 million aid scheme to ...

Between 80 and 120 projects are expected to be eligible for funding and should be completed by the end of 2029. Taking into consideration the ratios of aid granted per ...

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Spain offers EUR 700m in aid for large-scale energy storage ...

Maximum eligible costs per storage unit range from EUR 250/kWh for stand-alone storage to EUR 1,500/kWh for new pumped-storage hydropower projects. Aid will be ...

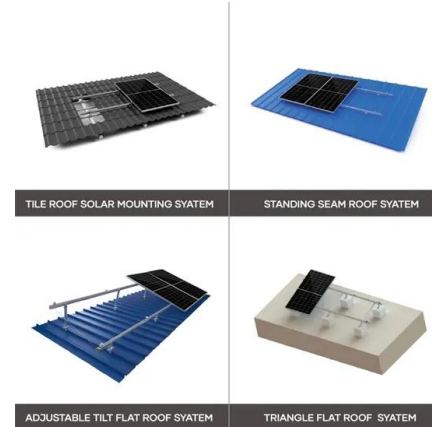
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Iberdrola to deploy 300MWh of battery storage projects in Spain

Iberdrola is one of Spain's largest utilities and is also active as an independent power producer (IPP) internationally. Image: Iberdrola. Utility and independent power producer ...

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

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 ...

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Spain approves legislation to encourage energy storage and ...

Approved on 24 June by the Spanish government, the Royal Decree-Law 7/2025 contains measures that aim to strengthen the resilience of the country's electrical system, ...

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Spain Receives Green Light for EUR700 Million Energy Storage ...

Spain receives EUR700 million in EU funding to deploy large-scale energy storage, boosting renewable energy integration and grid stability. Learn about the program's scope, targets, and ...

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[Major Breakthrough in Spain's Energy Storage Policy: ...](#)

The decree explicitly classifies energy storage facilities and their associated grid connection infrastructure as "public utility" for the first time. ...

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European Commission approves new 700 million aid scheme to boost energy

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

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