

SolarTech Power Solutions

Energy storage projects in Spain



Overview

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 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.

How will the European Commission support large-scale energy storage in Spain?

The European Commission on Monday approved a new aid scheme for the deployment of large-scale electricity storage in Spain. Subsidies will be available for standalone energy storage sites, projects installed alongside renewable energy facilities, and storage planned as part of thermal power plants.

Will Spain support new 'electricity storage projects'?

The European Commission said it will support the construction of 1,800MWh of new 'electricity storage projects' while Spain's Ministry for the Ecological Transition and the Demographic Challenge (MITECO) said it would support a total of 2.5-3.5GW of new capacity, in a separate announcement.

Does Spain support energy storage?

Spain already backs energy storage with more than €600 million of NextGenEU funding which was allocated as part of Spain's, post-Covid Recovery, Transformation, and Resilience Plan. From pv magazine España.

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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 ...

Jinko ESS deployed its first C& I energy storage projects in Spain

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Top five energy storage projects in Spain

Sep 10, 2024 · Listed below are the five largest energy storage projects by capacity in Spain, according to GlobalData's power database. GlobalData uses proprietary data and



analytics to ...

Jinko ESS deploys first C&I energy storage projects in Spain

Dec 19, 2024 · Jinko ESS has announced that it has completed its first SunGiga installations in Spain, across five high-performance BESS projects in Villena, Aguilas and Alicante.



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May 26, 2025 · Spain and Italy present a EUR45 million opportunity for BESS insurance premiums. Discover how NARDAC supports renewable energy projects in these regions.

Overview of energy storage in Spain: projects,

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Unlocking Opportunity

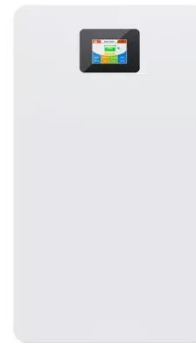
Nov 22, 2024 · Analysing Spain's battery



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Iberia: Why are there no batteries in Spain?

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 ...



Zelestra and EDP sign first-of-its-kind large scale 170 MWdc ...

Jul 28, 2025 · Zelestra, a global, multi-technology, customer-focused, renewable energy company, and EDP, a global energy company leader in the renewable energy sector, have ...

Spain increases energy storage target in NECP to

22.5GW by ...

Sep 26, 2024 · 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 ...



Miteco promotes 45 innovative energy storage projects

Jan 6, 2025 · The Ministry for Ecological Transition and the Demographic Challenge (Miteco) has approved a 156.4-million-euro aid package to promote 35 innovative stand-alone energy ...

Spain's EUR700 Million Plan to Boost Energy ...

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Spain: main energy storage projects' capacity

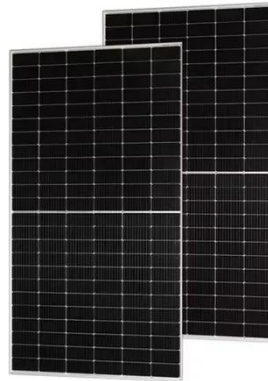


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Mar 4, 2025 · In 2024, the molten salt thermal storage system Sun2Store was the largest energy storage project in Spain, with 100 megawatts of capacity. The ...

Iberdrola will install six new storage batteries in ...

Jan 23, 2024 · The projects will be built in Castilla y León, Extremadura, Castilla La Mancha and Andalusia, and each battery will have 25 MW of power and a ...



Dutch-Spanish JV targets 500 MW of energy storage in Spain

Sep 24, 2024 · Dutch energy transition invest & build platform Return and Spanish renewables firm Benbros Energy have signed an agreement to form a joint venture (JV) ...

EU approves Spain's EUR700m energy storage subsidy plan

Mar 18, 2025 · The European Commission on Monday approved a new aid scheme for the deployment of large-scale electricity storage in Spain. Subsidies will be available for ...



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