

SolarGrid Energy Solutions

Spanish energy storage projects



Overview

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 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.

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.

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.

Can Spain deploy large-scale energy storage with co-financing of 85%?

The European Commission on Monday greenlit a new aid scheme to enable Spain to deploy large-scale energy storage with co-financing of up to 85%. The European Commission on Monday approved a new aid scheme for the deployment of large-scale electricity storage in Spain.

Spanish energy storage projects



Spain Energy Storage Growth: How EUR699M ...

Mar 20, 2025 · Spain's energy storage sector is set to expand with EUR699M in funding, supporting up to 3.5GW of capacity. Discover key opportunities and ...

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

Jun 3, 2025 · 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 ...



Energy storage 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 ...

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 ...



Spain awards subsidies for 904 MW of energy storage projects

Dec 29, 2023 · The Spanish ministry for ecological transition on Thursday announced that it has granted EUR 150 million (USD 166.1m) of state aid drawn from NextGenEU funds to support ...

The latest developments in the Spanish energy ...

Aug 18, 2025 · The Spanish government is offering 160 million euros (\$170 million) in subsidies for energy storage projects, aiming to finance 600MW of ...



Unstoppable Power: Top 10 Spanish Energy-Storage Battery ...

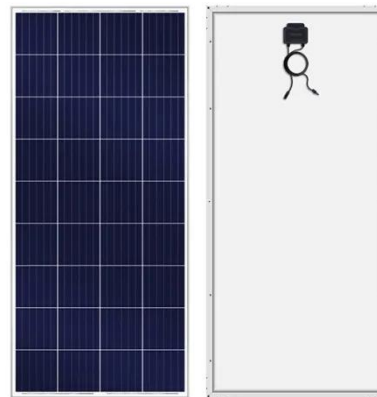
6 days ago · Spain's energy-storage battery landscape is rich and varied: Basquevolt pushes solid-state R& D, Zeleros/Battera builds modular system

design, Greenergy scales utility-grade ...



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

Oct 1, 2024 · Spain's Ministry for Ecological Transition and the Demographic Challenge (MITECO) has published the provisional resolution of its first tender ...



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 2.5-3.5 ...

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 ...



What Spain's capacity market means for storage

Aug 20, 2024 · The Spanish government is also looking to create an energy storage value chain within a EUR1 billion investment program. A Strategic Project for the Economic Recovery and ...

Spain allocates EUR150m for 2.82 GWh of grid ...

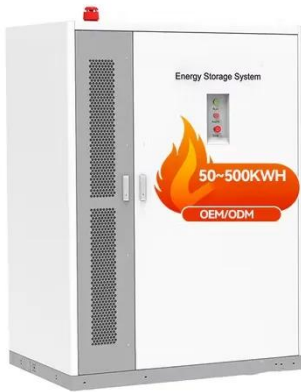
Dec 16, 2024 · The 45 battery and thermal energy storage projects allocated European Union subsidies will add more than 779 MW/3.4 GWh of capacity to ...



Major Breakthrough in Spain's Energy Storage ...

Jul 1, 2025 · The Spanish government approved Royal Decree 7/2025 on June 24, resolving several long-standing obstacles hindering the secure and

lawful ...



Spain allocating grid to renewables and storage ...

Jul 18, 2024 · The government will provide grants covering 40-65% of project cost to nearly 2GWh of energy storage projects via the PERTE programme (an ...



BESS in Spain: the situation of the energy ...

Sep 2, 2024 · The market energy storage in Spain, particularly in relation to the BESS systems (Battery Energy Storage Systems), is undergoing a dynamic ...



Spain second country in world for stand-alone battery-based ...

Dec 20, 2024 · 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 ...



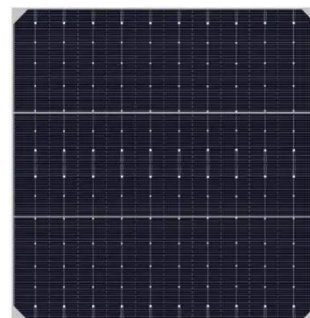
Spain Unveils 820 MW Solar Energy Storage for ...

Jan 14, 2025 · Spain has announced 820 MW of energy storage projects for Q4 2024, with 182 MW focused on hybridizing solar and wind installations.

...

part 4: Spain's BESS market is heating up

Apr 25, 2025 · In this report, we explore Spain's potential to become a hot market for battery energy storage systems.



How to qualify for energy storage grants in Spain

Jun 10, 2025 · Jon Ander López Ibarra, product manager for battery energy storage systems (BESS) at Spanish power conversion system company Jema

Energy, says Spain needs to ...



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 offers EUR 700m in aid for large-scale ...

Jun 2, 2025 · Spain's ministry for the ecological transition said on Friday it will allocate EUR 700 million (USD 799.4m) in grants through competitive ...

Spain Launches EUR700 Million Energy Storage Scheme to ...

Jun 3, 2025 · The aid is targeted at various storage technologies, including stand-alone battery systems, reversible pumped hydro, thermal storage, and

hybrid systems integrated with ...



Spain: EUR699m EU scheme to support 2.5-3.5GW ...

Mar 19, 2025 · The European Commission has approved a EUR699 million state aid scheme in Spain to support the deployment of up to 3.5GW of energy storage.

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 ...



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 storage projects, ...



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 ...



Spanish state providing EUR150 million for co ...

Jan 9, 2023 · New energy storage projects co-located with renewables can have 40-65% of investment costs covered by the Spanish government.

Spain announces 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 hybridization with

...



Spain awards EUR 156.4m in subsidies to energy ...

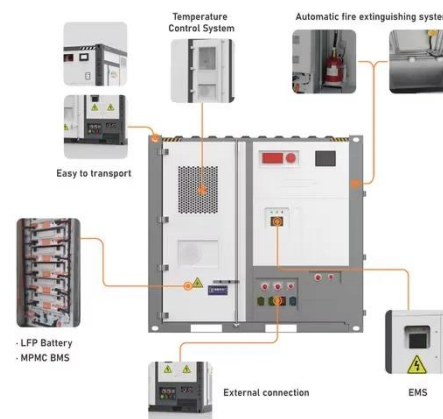
Dec 16, 2024 · Spain's ministry for ecological transition has allocated EUR 156.4 million (USD 164.3m) in subsidies to 45 innovative energy storage projects,

...

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

Aug 1, 2025 · Accelerated growth of energy storage facilities in Spain, including large hybrid projects with renewables. National and European industrial innovations support advanced

...



Spain to award EUR 280m in state aid for energy ...

Jul 24, 2023 · The Spanish ministry for the ecological transition on Friday opened two funding programmes,

providing a combined total of EUR 280 million (USD ...



Spain increases energy storage target in NECP to 22.5GW by ...

Sep 26, 2024 · Image: Iberdrola. Spain has increased its energy storage target by 2030 to 22.5GW in the latest update of its National Energy and Climate Plan (NECP). The Spanish ...



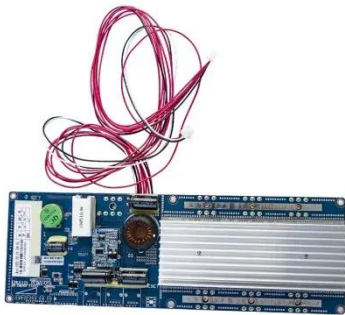
EU approves Spain's EUR700m energy storage ...

Mar 19, 2025 · The European Commission on Monday greenlit a new aid scheme to enable Spain to deploy large-scale energy storage with co-financing of up to ...



BW ESS, Ibersun to develop 2.2 GW of battery ...

Jun 24, 2025 · BW ESS has been busy energizing its storage projects, while agreeing to other deals similar to its new Spanish efforts, such as in Italy with ...



Green light for 740 MWh Spanish battery ...

Dec 17, 2024 · Spain's Ministry for Ecological Transition and Demographic Challenge (MITECO) has issued favorable environmental impact statements ...

Spain & Italy , BESS Premium Opportunities in Renewables

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.



Spain provides financial support for 600 MW of utility-scale storage

Dec 1, 2022 · The Spanish government say it will finance five hybrid battery energy storage projects, with a cumulative installed capacity of at least



600 MW. Each project can secure up ...

SPAIN

May 23, 2023 · The market for utility-scale storage projects remains comparatively small at around 100MW, though a pipeline of projects is beginning to emerge.^{2,3,4,5} Much of Spain's ...



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