

## SolarInvert Energy Solutions

# Spanish new energy storage



## Overview

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Spain's €700M plan adds 2.5–3.5 GW of energy storage to boost renewables, cut emissions, and strengthen the grid. 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 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 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.

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 back energy storage?

A public consultation exercise about the proposed funding program opened on Monday and will close on Friday. 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.

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.

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### Spain and Portugal's Blackout: Is Renewable ...

Apr 29, 2025 · Spain's blackout highlights growing grid risks as renewable energy expands and storage infrastructure lags behind.

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### Spain awards contracts to 1.9GWh energy ...

Dec 7, 2023 · The government of Spain, through the Institution for the diversification and energy savings (IDAE) has awarded 880MW/1809MWh in ...

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### Aurora

Oct 26, 2023 · Long Duration Energy Storage (LDES) can ensure renewable energy is utilised in the system while decreasing reliance on CO2 emitting technologies Key results of modelling ...

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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 ...



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## Strategies for Growing Spain's Storage Capacity to 20 GW by ...

May 8, 2024 · Solarplaza Summit Energy Storage Spain to explore the next steps for the Spanish storage market  
ROTTERDAM - 29 April 2024 - As a part of its roadmap towards realizing a ...

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

Sep 26, 2024 · 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 government, through the ...



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## The future of energy storage in Spain



Mar 13, 2025 · The future of energy storage in Spain Experts gather at the offices of DLA Piper in Madrid, Spain to discuss the role of energy storage (BESS) in ...

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

Mar 17, 2025 · 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 launches EUR700 million support scheme for ...

Jun 2, 2025 · The Ministry of the Environment of Spain has launched its latest financial support scheme for energy storage, aiming to kickstart 2.5-3.5GW.

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## 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 ...

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## Spain reached 100 pct renewables a week before ...

Apr 29, 2025 · The exact causes of the dramatic blackout in Spain and Portugal are not yet known. But the lack of battery storage left its high renewables grid ...

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## 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 ...

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## Spain allocating grid to renewables and storage ...

Jul 18, 2024 · The Spanish government has progressed plans to launch a





competitive auction for renewable generation and energy storage in two ...

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## 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 ...

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## Iberdrola to deploy 300MWh of battery storage projects in Spain

Jan 25, 2024 · 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 Energy Storage Growth: How EUR699M ...

Mar 20, 2025 · Spain is making a major



push to expand its energy storage capacity, backed by a significant financial commitment. The European ...

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## Iberia: Why are there no batteries in Spain?

Spain has only 18 MW of grid scale batteries. This research examines why Spain lags in storage deployment, what is changing now, and how developers can capitalise on the emerging ...

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## 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 ...

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## Top five energy storage projects in Spain

Sep 10, 2024 · Spain had 88MW of capacity in 2022 and this is expected to

rise to 2,500MW by 2030. Listed below are the five largest energy storage projects by capacity in Spain, according

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## The latest developments in the Spanish energy ...

Aug 18, 2025 · Driven by the goal of energy transformation, Spain's energy storage industry is full of potential, with continuous technological innovation ...

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## Spanish govt approves energy storage strategy, ...

The Spanish government on Tuesday approved the energy storage strategy, targeting some 20 GW of storage capacity in 2030 and reaching 30 GW by

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## 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.

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## Unlocking Opportunity

Nov 22, 2024 · Analysing Spain's battery storage landscape LCP Delta and Santander Corporate & Investment Banking Providing insight, analysis and finance to support the global energy ...

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## Call for applicants to Spain's EUR700m large-scale ...

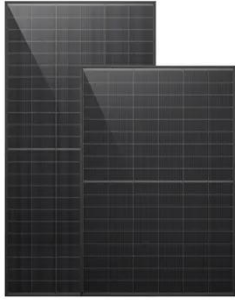
Jun 2, 2025 · Standalone and renewables-plus-storage battery projects can apply for up to 85% co-financing, along with pumped hydro and thermal energy ...

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## 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 ...

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## Energy-Storage.News

2 days ago · Global energy storage technology and energy software services provider Fluence and ACE Engineering have opened a new automated battery ...

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## Spain approves legislation to encourage energy storage, ...

Jun 26, 2025 · 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 launching grants for 600MW of energy ...

Jun 7, 2023 · Spain is launching EUR160 million (US\$170 million) in grants for

energy storage projects, aiming to fund 600MW of projects to go online in 2026.

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## 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.

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## Spain Targets 20GW of Energy Storage by 2030 ...

Feb 17, 2021 · 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 ...

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

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aid scheme to enable Spain to deploy large-scale energy storage with co-financing of up to ...

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## Top 10 energy storage manufacturers in Spain

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



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## Major Breakthrough in Spain's Energy Storage ...

Jul 1, 2025 · The Spanish Battery Energy Storage Association (AEPIBAL) stated that the new regulation marks a major breakthrough for energy storage ...

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

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Dec 20, 2024 · Independent storage  
Large volumes of variable renewable energy, which is energy from non-constant sources that depend on factors like light and wind, have created a new

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## Spain Launches EUR700 Million Energy Storage Scheme to ...

Jun 3, 2025 · Iberdrola España, a leading player in the renewable energy sector, has announced plans to deploy six Battery Energy Storage Systems (BESS) with a combined capacity of 150 ...

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