



Successful bid price of PV energy storage project in Spain 2025

How will Spain increase its energy storage capacity?

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 includes pumped hydro, thermal energy storage, and battery systems.

What is Spain's energy storage subsidy plan?

EU approved Spain's EUR700 million energy storage subsidy plan, enabling Spain to deploy large-scale battery storage with co-financing up to 85%.

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.

Is commercial and industrial energy storage underserved in Spain?

While Spain focuses on large-scale energy storage projects, commercial and industrial (C&I) energy storage remains underserved- a EUR2.1 billion untapped market (Wood Mackenzie 2024). Our modular commercial battery storage systems offer: ? EU-Compliant Safety Certifications (UN38.3, CE-EMC, IEC62619) ensuring subsidy eligibility.

What happens if solar prices go down in Spain?

When German prices reach -EUR150/MWh, Spain can't import enough energy to bring the price down. Economic curtailment: Most Spanish solar installations are large commercial projects with remote control capabilities. When prices become negative, solar operators stop generating.

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.

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

24 June 2025, MADRID -- Global energy storage owner-operator BW ESS and Getxo-based energy storage developer Ibersun have signed a joint venture to develop, in its first phase, ...



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This report delves into the policies, technological advances, and market forces shaping Spain's rise as Europe's second-largest solar market. It also highlights the challenges ...

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 ...

In its Q1 2025 earnings report, released in June, Solaria outlined its goal to deploy 500 MWh of battery capacity over the next 12 months, with the first system expected to ...

Friday saw the publication of a call for applications for energy storage projects hoping to receive support from a EUR700 million (\$794 million) EU-funded program in Spain. ...

Large-scale BESS hybridisation under development Completion scheduled for year-end 2026 6th Spanish Q ENERGY project started in 2025 Berlin/Madrid, 29th April 2025. Q ENERGY is rapidly advancing the realisation ...

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

A total of 43 projects were selected from 79 applications in Portugal's 2025 energy storage procurement. This included six projects from Spain's Iberdrola, which secured ...

With the global PV installed costs continue to decline, such as 2024 component prices reduced by 50% compared to 2022, superimposed on the iterative energy storage ...

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 existing utility ...

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, led by MITECO and backed by EU funding, ...

Spain has emerged as the leading PPA market in Europe, driven by its rapid renewable energy expansion. As solar and wind continue to gain ground in the country's energy mix, Power Purchase Agreements (PPAs) are playing a ...

On behalf of the owner, ABO Energy will be responsible for the optimal operation of the solar park. ABO Energy has been active in Spain since 2001. "Thanks to ...



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Pending approval, a total of EUR167.6 million (\$187.1 million) has been allocated toward 46 standalone thermal and electrical energy storage projects, with a cost range from EUR170/kWh to...

This is an extract from a recent report "National Survey Report of PV Power Applications in SPAIN 2023" by IEA. The targets for photovoltaic (PV) energy in Spain are outlined in the "Integrated National Energy and ...

London July 2nd, 2025 - NextEnergy Capital is pleased to announce that its latest international OECD Fund, NextPower V ESG ("NPV ESG"), has successfully completed the acquisition of ...

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%.

IRENA also released an Innovation Outlook on Thermal Energy Storage, further supporting advancements in this critical area. A strong outlook for 2025 In summary, the energy storage market in 2025 will be shaped by ...

Spanish independent power producer (IPP) has unveiled two new solar-plus-storage projects, one in Central Chile and the other in Spain.

In May, Spain's electricity prices hit historic lows, driven by record solar energy production. Discover how this shift benefits Energy Nordic customers and signals a sustainable ...

Platts has launched an "interactive explorer" tool that shows the capture price received by wind and solar power assets, using hourly production and monthly average price data for Spain, Germany ...

As the renewable energy sector rapidly evolves, battery energy storage systems (BESS) are emerging as a critical pillar for decarbonization. However, with capital constraints and rising market ...

The Greek authorities have awarded 300 MW of new battery storage capacity in the nation's second energy storage tender, split among 11 projects. The tender is part of the ...

The aim of the European Energy Storage Inventory is to record all European energy storage projects by status - in operation, planned and under construction -, by location ...

The Spanish government has set a new 2030 energy storage target of 22.5 GW in an energy strategy submitted to the European Commission. The nation aims to cover over 80% of its electricity demand with renewable ...

The Spanish National Energy and Climate Plan (PNIEC) sets a target of 76 GW of photovoltaic capacity by 2030, including 19 GWac from self-consumption and 57 GWac from large-scale projects. By mid-2024, Spain's total installed ...



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Iberdrola will deploy battery storage (BESS) projects in Spain adding up to 150MW/300MWh, to be co-located with existing PV plants.

Solar & Storage Live España - Spain's most exciting solar and energy storage exhibition - is coming to Feria Valencia on 25-26 June 2025. With 2500 industry professionals expected, the event will be a one-stop destination ...

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