

On grid solar storage project financing options in Spain 2025





Overview

Renewable generation is hindered by declining prices, lack of access capacity tenders, and project financing challenges, but opportunities lie in PPAs, asset hybridisation with storage, and the approval of the Spanish capacity market. Can energy storage projects get 85% co-financing?

Standalone and renewables-plus-storage battery projects can apply for up to 85% co-financing, along with pumped hydro and thermal energy storage sites. Friday saw the publication of a call for applications for energy storage projects hoping to receive support from a €700 million (\$794 million) EU-funded program in Spain.

Why are solar and wind energy projects not a good investment?

These issues have resulted in lower-than-expected returns on investment, difficulties in project financing, and a decline in both M&A transactions involving renewable assets and their valuation, with solar energy production being more significantly impacted than wind energy projects.

What is happening in Spain in 2035?

These include green hydrogen, biomethane and BESS, among others. Particular attention has been given to the closure of coal-fired power plants. Additionally, the Spanish government has set a target to close all nuclear plants by 2035 and does not currently anticipate the construction of new combined cycle plants.



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Spain & Portugal: Galp Breaks Ground on 147MWh Grid-Forming ...

The integration of solar and storage continues to gain traction in the region. A recent hybrid solar-plus-storage power purchase agreement between Zelestra and EDP ...

BW ESS, Ibersun to develop 2.2 GW of battery storage in Spain

As Spain races to meet one of Europe's most ambitious energy storage targets while its grid remains under scrutiny following the April 28th outage, global energy storage ...



Solar & Storage Finance USA 2025 Exhibitors List & Attendees List

Looking to connect with verified exhibitors or attendees at Solar & Storage Finance USA 2025? As the premier U.S. event for renewable energy investment, financing, and project ...

Project Financing in Renewable Energy: A Complete ...

After debt payments have been made, other investors (like equity investors) will be paid. In general, project's assets are used as collateral to the loan. This type of financing is common in renewable energy projects because building



solar, ...



Residential Solar Adoption in Spain 2025: Challenges

Explore the current state of residential solar adoption in Spain in 2025. Learn about key challenges, incentives, and opportunities for homeowners looking to invest in solar energy.

Spain authorizes 29.3 MW energy storage in Q2 ...

Between April and June 2025, Spain's larger scale energy storage projects saw a small increasing in construction authorization, with a much larger increase in new projects entering public consultation.



Spain Energy Storage Growth: How EUR699M Funding is ...

Spain is making a major push to expand its energy storage capacity, backed by a significant financial commitment. The European Commission has approved a EUR699 million (\$760 million) state aid scheme to ...



Spain's Grid Modernization and the Rise of Renewable Flexibility: ...

- Spain's 2025 blackout triggered reforms via Royal Decree-Law 7/2025, boosting energy storage and solar PV. - Regulatory changes reclassify storage as a public ...



Green Energy Conferences 2025: Driving the Future of ...

In the heart of Andalusia, Spain, the Gemasolar Thermosolar Plant Spain stands as a groundbreaking example of renewable energy innovation. This project, launched in 2011, ...

Solar & Storage Live España 2025 - Spain's most ...

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 ...

Sample Order
UL/KC/CB/UN38.3/UL



Spain hits 65.8 GW of solar projects with grid permits ...

Spain now has 65.8 GW of solar projects with grid-connection permits, says the country's energy agency. Total renewable energy installations with grid permits hit 129.5 GW by the end of March



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

As Spain races to meet one of Europe's most ambitious energy storage targets while its grid remains under scrutiny following the April 28th outage, global energy storage owner-operator BW ESS has made its entry into ...



British International Investment And Odyssey Join Forces To ...

4 ????. The facility leverages Odyssey's proprietary procurement platform and supply chain credit solution to make it easier for mini-grid developers to access high-quality solar and ...

Spain Launches EUR700 Million Energy Storage Scheme to ...

The funding covers eligible costs such as civil works, storage equipment, auxiliary systems, and associated expenses. More than 100 projects are expected to be financed, ...



ABO Energy connects first turnkey solar park to the grid in Spain

In April, ABO Energy connected the Valdezorita solar park with a nominal output of 50 megawatts to the grid in Castile-La Mancha in central Spain.



[Solarplaza Summit Energy Storage Spain](#)

Dee Yon Chng (pronounced Dion) is a project manager for Solarplaza spearheading the following events in chronological order: Agri-PV 2023, Floating-PV 2023, Energy Storage Spain 2023, ...



The rise of solar farms in Spain: trends and key projects

Spain is a leader in solar energy thanks to its climate and sustainability policies. Solar farms and self-consumption are booming, generating savings and jobs. Innovation in ...

Investment Opportunities in Spain's Solar and Renewable Energy ...

Discover Spain's ambitious renewable energy policies with targets for 76 GW solar capacity and 12 GW green hydrogen by 2030. Explore streamlined approvals, tax ...



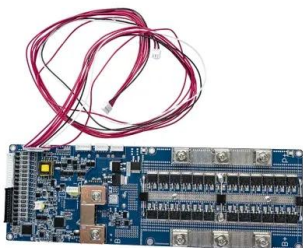
5 Trends Shaping M& A in Spain's Energy Storage ...

Spain is rapidly becoming a hotspot for investment in energy storage. As the country continues its transition to renewable energy sources, demand for flexible grid-balancing solutions has generated growing interest in ...



La Moncloa. 17/03/2025. European Commission approves new ...

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 ...



Spain's Solar Power Policy Framework: IEA Survey

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 ...

Spain Launches EUR700 Million Energy Storage Scheme to ...

This new funding builds on earlier support under Spain's Recovery, Transformation and Resilience Plan (PRTR), which has already mobilized EUR730 million for 4.5 ...



Spain solar projects: Impressive 2025 Surge of 5 GW

As Spain continues to invest in renewables and address the challenges of grid integration and energy storage, it strengthens its position as a global leader in clean energy. ...



Innovative Financing Models for Investing in Smart Grid ...

In developing markets, the emphasis is on using smart grid technologies to expand energy access and promote sustainable development. Innovative financing models, ...



[part 4: Spain's BESS market is heating up](#)

In this report, we delve into the developments in the regulatory framework of the Spanish electricity system and explore the potential of Spain's battery energy storage systems ...

Investment Opportunities in Spain's Solar and ...

Discover Spain's ambitious renewable energy policies with targets for 76 GW solar capacity and 12 GW green hydrogen by 2030. Explore streamlined approvals, tax incentives, and sustainable financing options that ...



The Project Financing Outlook for Global Energy ...

Both the US and global energy storage markets have experienced rapid growth over the last year and are expected to continue expanding rapidly in order to support grid resiliency. Through 2030, the global ...



51.2V 150AH, 7.68KWH



Spain's Grid Set to Gain 2.2 GW BESS as BW ESS, Ibersun Join ...

Global energy storage owner-operator BW ESS has partnered with Spanish developer Ibersun to launch a joint venture that will deliver 2.2 gigawatts (GW) of utility-scale ...



Q ENERGY secures financing for Taurus B solar and storage ...

Q ENERGY has secured debt financing from MUFG and BNP Paribas for its 253 MW Taurus B solar plus battery storage portfolio in Spain, marking a milestone in hybrid ...

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