

Global PV Storage Insights

Wind solar storage project financing options in Spain 2025



Overview

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The loan will finance the set up new renewable power stations, as well as modernising and converting existing ones into hybrid facilities. When complete, the project is expected to generate enough green energy to power over 1,150,000 homes for a year, based on estimated average consumption. Most of.

TEL AVIV, Israel, June 03, 2025 (GLOBE NEWSWIRE) -- Enlight Renewable Energy ("Enlight", "the Company", NASDAQ: ENLT, TASE: ENLT.TA), a leading renewable energy platform, today announced the signing of financing agreements totaling approximately \$310 million for the Hybridisation of the Gecama.

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. Traditional generation assets are under pressure from climate.

Apart from Spain, the firm secured US\$773 million in debt financing in January 2025, for its Country Acres solar-plus-storage project in California. The project

will feature 403MW of solar PV and 688MWh of energy storage and is expected to be operational in the second half of 2026. Additionally.

With targets to achieve 76 GW of solar capacity by 2030 and reach 48% renewable energy in final consumption, Spain's policies foster a favorable environment for large-scale solar projects and self-consumption installations. Expanded Solar Targets: Spain's revised target of 76 GW of solar capacity. 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.

How will Spain improve its energy resilience in 2025?

This innovation is especially timely as Spain looks to strengthen its energy resilience, following widespread blackouts in April 2025. The project aligns with Spain's national climate and energy strategy and is expected to play a key role in advancing energy storage infrastructure.

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.

Why is renewable generation a problem in Spain?

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.

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 will Enlight do for Spain?

The project aligns with Spain's national climate and energy strategy and is expected to play a key role in advancing energy storage infrastructure. Enlight secures \$310M in financing to expand Spain's largest wind farm into a 554 MW hybrid renewable energy complex with solar and storage, enhancing grid stability and profitability.

Wind solar storage project financing options in Spain 2025



Financing the Energy Transition - Repowering Wind Farms

Repowering onshore wind projects will need to enter into revenue arrangements, on terms satisfactory to lenders, which address the resultant risk of lower wholesale market ...

Top 10 Energy Storage Developers in Spain , PF Nexus

Top 10 Energy Storage Developers in Spain: discover market leaders, buying and selling opportunities, and financing options on PF Nexus.



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 ...

2025 Energy Outlook: Trends in Solar, Wind, Storage & Grid , FFI ...

Explore what 2025 holds for clean energy--from solar and wind growth to storage innovations and

grid modernization. Key insights from FFI Solutions.



Spain

Spain has incredible wind conditions and has long been one of Europe's most progressive renewable energy markets. Amp Spain has over 2 GW of wind generation in development and a growing pipeline of energy storage projects. ...

Equitix nets EUR271m funds for renewable energy portfolio

Fund manager Equitix has secured EUR271m financing from Spanish bank Santander to support work on a 320MW portfolio of renewable energy assets in Spain. Equitix will use the funds for the refinancing, ...



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

However, there is still untapped potential in fully deploying wind and solar energy across the country. The Path Forward: A Positive Outlook for Spain's Renewable ...

Enlight adds PV, BESS to Spain's largest wind farm

Enlight Renewable Energy is expanding its Gecama Wind Project in Spain, by integrating solar PV and battery energy storage systems (BESS).



Ashurst advises Equitix on Spain's EUR271m financing ...

The portfolio uniquely combines wind, solar, and battery storage technologies, marking the first financing of such a multi-technology hybrid project in Spain. This strategic transaction underscores Ashurst's dedication to ...

Enlight Renewable Energy

Enlight Renewable Energy ("Enlight", "the Company", NASDAQ: ENLT, TASE: ENLT.TA), a leading renewable energy platform, today (June 3) announced the signing of financing ...



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 ...

Solar Energy News in Spain

This category presents solar power news from Spain. Major suppliers in the market, recent solar projects, investments and grants, emerging markets, trends and forecasts. ...



Financing renewable energy projects

New ways like financing renewable energy projects through crowdfunding or green bonds are becoming popular. For example, the U.S. Treasury's Investment Tax Credit (ITC) helps with ...

Equitix gets EUR 271m to bankroll hybrid renewables in Spain

The money will be used to refinance, develop and build hybrid renewables combining wind, solar and battery energy storage. The projects have a combined capacity of ...



Enlight gains \$310m for Spanish hybrid renewable energy facility

Enlight Renewable Energy has signed financing agreements totalling \$310m for the hybridisation of the Gecama project in Spain. The project will integrate a solar array and ...

Spain Launches EUR700 Million Energy Storage Scheme to ...

The aid is targeted at various storage technologies, including stand-alone battery systems, reversible pumped hydro, thermal storage, and hybrid systems integrated with ...



Top 10 Energy Storage Investors in Spain , PF Nexus

Top 10 Energy Storage Investors in Spain: discover market leaders, buying and selling opportunities, and financing options on PF Nexus.

Enlight Secures Financing for Spain's Largest Hybrid Renewable ...

Enlight expands its successful Gecama Wind Project, transforming it into the largest hybrid power complex of its kind in Spain. The project combines wind, solar, and utility ...



2025 Energy Outlook: Trends in Solar, Wind, Storage ...

Explore what 2025 holds for clean energy--from solar and wind growth to storage innovations and grid modernization. Key insights from FFI Solutions.

Enlight Secures Financing for Spain's Largest Hybrid

Enlight expands its successful GecamaWind Project, transforming it into the largest hybrid power complex of its kind in Spain. The project combines wind, solar, and utility ...



Greenvolt to shed 231-MW Spanish wind, solar portfolio

Portuguese renewables company Greenvolt has agreed to offload 231 MW of wind and solar park projects in Spain in a deal worth EUR 195 million (USD 222.1m).

Enlight Secures Financing for Spain's Largest Hybrid

The financing transaction of approximately \$310 million includes two tranches: covering the refinancing of the Gecama Wind Project and financing for the construction of the ...



Spain: EIB and Naturgy agree a EUR1 bn loan to invest in ...

The European Investment Bank (EIB) and Naturgy have agreed a EUR1 bn loan to support investments in new solar energy and onshore wind power stations, as well as to modernise and convert existing sites into ...



The latest developments in the Spanish energy ...

Current status of energy storage development in Spain Development Status Spain has been one of the leaders in Europe's renewable energy sector, investing heavily in solar and wind power over the past decade. At the same time, Spain ...



Unlocking Opportunity

This is primarily due to the daily generation profile of solar energy and the longer-term patterns in wind generation, which can last for weeks. As a result, shorter duration storage options like ...

Enlight Advances Spain's Climate Goals with 554 MW Hybrid ...

Enlight secures \$310M in financing to expand Spain's largest wind farm into a 554 MW hybrid renewable energy complex with solar and storage, enhancing grid stability and ...



 LFP 12V 100Ah

Brenmiller's Thermal Storage Powers EUR25M Green e-Methanol Project in Spain

27th May 2025 0 249 Brenmiller Energy Ltd., a leader in thermal energy storage (TES) technologies, has announced that the SolWinHy Cádiz S.L. project in Arcos de la Frontera, ...

ABEI Energy obtains funds for 250 MWp of solar in Spain

Madrid-based independent power producer (IPP) ABEI Energy has secured EUR 46 million (USD 47.8m) in debt financing for the construction and operation of five solar projects in Spain with a combined capacity of about ...

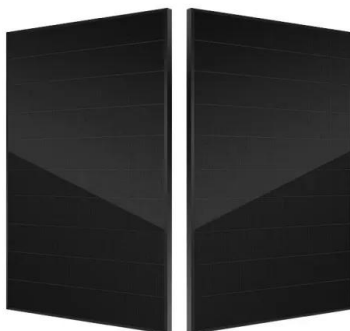


Investment Opportunities in Spain's Solar and ...

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 ...

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 ...



Project Finance Brief: Renewable Power Capital Acquires 1.9 GW Solar

Enlight Renewable Energy, a renewable energy project developer, has secured a debt financing package that includes \$773 million in construction loans for developing the ...

Spain's energy windfall tax extended with relief for green

...

Spain's government has extended the 1.2% levy on energy revenues for another year, but made it possible for companies to secure a maximum 60% rebate for ...



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