

Global PV Storage Insights

BESS project financing options in Portugal 2026



Overview

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The plan also includes the launch of an auction for large-scale BESS capacity by 2026, as well as €25 million in financial support to improve the resilience of critical infrastructure like hospitals, by equipping them with solar PV and BESS, for example.

Portugal has selected 43 winning BESS projects for a share of €100 million (US\$105 million) in EU grants while, on the other side of Europe, Moldova has launched a 75MW BESS procurement with funding from USAID. Portugal has awarded grant support to around 500MW of battery energy storage system.

Portugal will launch a competitive tender for 750 MVA of battery energy storage before January 2026, as part of a broader €400 million package aimed at improving grid reliability and preventing future blackouts. The announcement was made by Portugal's Minister for Environment and Energy, Maria da.

Portugal has a goal to produce at least 80% of its electricity from renewable energy resources by 2050. Several companies are investing in the country's power infrastructure, including Powin, an Oregon-headquartered energy storage platform provider that has partnered with Galp, a leading Portuguese.

This initiative aims to increase the capacity and flexibility of the national public grid, optimising the electrical system to handle the expected rise in electricity consumption. The tender aims to introduce flexibility mechanisms in the public grid to optimise and manage the electrical system.

Portugal is seeking to use Battery Energy Storage System (BESS) to promote flexibility and balance its power system, as it continues to break records for Solar Storage System production. To this end, the country's Ministry of Energy announced on Wednesday that it has allocated €99.75 million.

Portugal is looking to support at least 500MW of energy storage capacity by the end of 2025 via grant support. The country's Ministry of Environment and Energy has launched a competition for €99.75 million (US\$107 million) for grid-scale energy storage projects at the transmission and. Is there a Bess project in Portugal?

Grid-scale BESS projects have been relatively limited in Portugal to date, although utility Iberdrola did bring online a huge, 40GWh pumped hydro energy storage (PHES) project there in 2022. This isn't just another summit - it's our biggest and most exhilarating Summit yet!.

How many energy storage projects will Portugal support in 2025?

Portugal's Ministry of Energy has allocated €100 million to support 43 energy storage projects, scheduled for completion by the end of 2025. These projects were selected from 79 applications under the country's Recovery and Resilience Plan (RRP), with eligible projects able to receive up to €30 million in funding.

Does greenvolt have a Bess project in Portugal?

Greenvolt and Galp have both deployed 5MW BESS projects in Portugal in the past. In eastern Europe, Moldova is in the process of completing a bidding process for the procurement of a 75MW BESS and 22MW internal combustion engine (ICE) project, called the Moldova Energy Security Project (MESA).

Does Portugal support battery energy storage projects?

Portugal has awarded grant support to around 500MW of battery energy storage system (BESS) projects, using EU Recovery and Resilience Plan (RRP) funding, a bloc-wide scheme that has supported energy storage across the continent.

Which companies are investing in Portugal's power infrastructure?

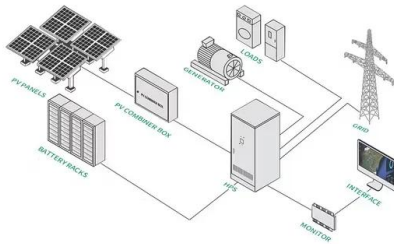
Several companies are investing in the country's power infrastructure, including Powin, an Oregon-headquartered energy storage platform provider that has partnered with Galp, a leading Portuguese integrated energy group, to install battery energy storage systems (BESSs).

Does powin have a Bess project?

Carroll noted that Powin also recently announced a project with Pulse Clean

Energy, an investor, developer, and operator of flexibility and stability assets in the UK, “to deploy a 50-MW/110-MWh BESS on project Overhill, located in Scotland.”

BESS project financing options in Portugal 2026



Portugal and Moldova progress BESS procurements with EU and ...

Portugal has selected 43 winning BESS projects for a share of EUR100 million (US\$105 million) in EU grants while, on the other side of Europe, Moldova has launched a 75MW BESS procurement ...

What Investors Want to Know: Project-Financed Battery Energy ...

Battery energy storage systems (BESS) store electricity and flexibly dispatch it on the grid. They can stack revenue streams offering arbitrage, capacity and ancillary services ...



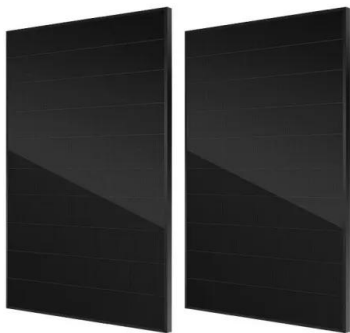
Synertics

This open tender marks a milestone for Portugal's development of investments in storage systems that will add flexibility and security to the electrical grid, allowing renewable ...

The Art of Financing Battery Energy Storage Systems ...

Bringing it all together Elgar Middleton has extensive knowledge of, and experience in

financing, co-located BESS, standalone BESS, BESS duration, warranty duration, cycling, degradation, floors, fixes as well as ...



BESS Projects Boost Clean Energy in Europe

The latest project, announced in February, is for a 5-MW/20-MWh BESS (Figure 1) in Alcoutim, Portugal. The installation would be Powin's first in Europe, and coincides with the opening of the

Battery Energy Storage Financing Structures and Revenue ...

Discusses the fixed and variable offtake structures project company (special purpose vehicles project owners or project sponsors establish to own the project assets and enter into the ...

APPLICATION SCENARIOS



The rise of bankable BESS projects in Europe

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

Complete Guide to Starting Battery Energy Storage System (BESS)

India's Battery Energy Storage System (BESS) market is projected to grow at 22% CAGR (2024-2030) driven by renewable integration and grid stability needs.



BESS projects progress in Finland, Italy and Portugal

Merus Power has secured a 30MWh order in Finland while Metlen and Aquila won government financial support for projects in Italy and Portugal.

BESS in Germany 2025 and Beyond: Use Cases, ...

Germany's BESS Installations Types (as of 2023)
 Total Grid-Scale BESS Capacity and Forecast (in GWh) Bundesverband Solarwirtschaft (BSW) forecasts an additional ~7 GWh of grid-scale BESS capacity by 2026. ...



"The addition of BESS can mitigate the risk of long ...

Which are your preferred offtake options for BESS assets? When we have a standalone, grid-connected BESS, we look at tolling agreements or some profit-sharing mechanisms. This depends on our project finance ...

Financing Battery Energy Storage Systems - Meeting ...

Co-authored by Harry Brunt, a partner in our Energy and Infrastructure team, and Dan Roberts of Frontier Economics Introduction In this article we consider the role and application of battery energy storage systems ...



Competitive Bidding for Battery Energy Storage System (BESS) in

The Ministry of Energy Transition and Water Transformation (PETRA), through the Energy Commission (EC), has launched an open bidding program for the acquisition of ...

Portugal awards grants to 500 MW of energy storage projects

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 ...



White paper BATTERY ENERGY STORAGE SYSTEMS ...

The majority of newly installed large-scale electricity storage systems in recent years utilise lithium-ion chemistries for increased grid resiliency and sustainability. The capacity of lithium ...

German Battery Storage on a Rise: Legislative Changes

High and further increasing volatility of power prices due to the expansion of renewables on the one hand and significantly decreasing prices for battery cells in recent years ...



Europe drives BESS market strength

The Romanian and Bulgarian governments launched their first round of BESS project bidding in February and March 2024, with project scale reaching 240 MW/480 MWh and 350 MW respectively. In the European energy ...

Outlook 2025: The future of the utility-scale BESS market

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...



Renova secures financing for 215MW of BESS projects from long ...

On February 28, 2025, Renova secured funding for three grid-scale battery storage projects with a total power capacity of 215MW it was awarded in Japan's first long-term ...

Aypa Power secures US\$190 million financing for ...

An Aypa Power battery storage project. Image: Aypa Power. Developer-operator Aypa Power has closed a US\$190 million financing for the 200MW/400MWh Bypass BESS project. Located near Houston, in Fort Bend ...



Portugal to hold energy storage auction before January 2026

Portugal will launch a competitive tender for 750 MVA of battery energy storage before January 2026, as part of a broader EUR400 million package aimed at improving grid ...

BBDF 2025: Understanding BESS project bankability

Financing remains one of battery energy storage system's (BESS) biggest talking points, as bankability, risk mitigation, insurance, and more.



Proforma Financial Model of BESS - Acelerex

Financing Costs: Interest payments and debt servicing, which can significantly influence the overall cost structure of a BESS project. Equity return requirements for investors, ensuring a ...

Competitive Bidding for Battery Energy Storage ...

The Ministry of Energy Transition and Water Transformation (PETRA), through the Energy Commission (EC), has launched an open bidding program for the acquisition of Battery Energy Storage System (BESS) capacity ...



India's First Commercial Utility-Scale Battery Energy ...

The BRPL BESS project is the first commercial standalone BESS project at the distribution level in India to receive regulatory approval for a capacity tariff and will play a pivotal role in facilitating the uptake of low-cost ...

SNAP's battery storage projects gain financial backing for 2026

At a ceremonial signing on February 17, 2025, BPI and Chinabank formalized their commitment to fund the Magat BESS Phase 2, while BPI and BDO agreed to finance the ...



UK Roundup: Developers net large-scale BESS ...

E.ON came on board in March 2024. British battery energy storage system (BESS) firm Field has secured new financing to continue building out its UK project pipeline. The £42 million non-recourse loan from Rabobank ...

The rise of bankable BESS projects in Europe

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 volatility, not all projects ...



Aquila secures 40 MW of battery storage in ...

Aquila Clean Energy EMEA, the European renewable energy arm of German investment management firm Aquila Group, announced that it was among the winners in Portugal's latest battery energy storage system (BESS) ...

Making project finance work for battery energy storage

Emily Sidhu, director in the banking and investment team at UK Infrastructure Bank (UKIB), explains that the main barrier to the project financing of BESS projects relates to revenues. ...



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