

Portugal Smart Energy Storage Project





Overview

Government outlines €400 million plan to strengthen grid resilience after April blackout. 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. Why is Portugal launching a solar energy storage project?

This initiative aims to enhance the flexibility and stability of Portugal's power supply system amid its record-breaking solar electricity production. On July 31, the ministry announced the allocation of €99.75 million through a call for tenders to install energy storage projects totaling 500 MW.

How much will Portugal spend on energy storage projects in 2025?

Portugal's Ministry of Energy has announced that it has allocated €100 million (\$104.2 million) to 43 energy storage projects which should be installed by the end of 2025. A total of 79 applications were vying for grant support secured under the country's Recovery and Resilience Plan (RRP).

How much will Portugal spend on energy storage & grid flexibility?

The Portuguese Ministry of Energy has allocated €99.75 million (\$107.6 million) for grid flexibility and energy storage projects which should be installed by the end of 2025. From ESS News Portugal is seeking to promote flexibility and balance its power system with energy storage as it continues to break records for solar energy production.

Does Portugal need energy storage?

From ESS News Portugal is seeking to promote flexibility and balance its power system with energy storage as it continues to break records for solar energy production. To this end, the country's Ministry of Energy announced on Wednesday that it has allocated €99.75 million (\$107.6 million) in a bid to support 500 MW of energy storage projects.

What does Portugal's energy policy mean for the energy sector?



The Portuguese Ministry of Energy has allocated €100 million for grid flexibility and energy storage projects to be completed by the end of 2025. This initiative aims to enhance the flexibility and stability of Portugal's power supply system amid its record-breaking solar electricity production.

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.



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Galp and Powin to build large-scale energy storage system in Portugal

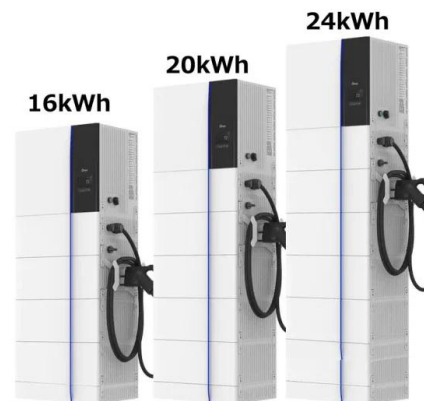
Global energy storage platform provider Powin LLC and Galp, Portugal's leading integrated energy company, have partnered to install a utility-scale battery energy storage ...

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[EDP to install 12 MW battery at Portuguese firm Bondalti](#)

Portuguese utility EDP and domestic chemical firm Bondalti have teamed up on a BESS project in Portugal to install two batteries to store renewable energy for self ...

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[Energy storage competition will support 41 projects](#)

The initial results of the tender, which is part of the Recovery and Resilience Plan (PRR) and received 79 applications, indicated support for 43 projects. Spanish company ...

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[Portugal Finances 500 MW of Energy Storage](#)

The Portuguese Ministry of Energy has allocated EUR100 million for grid flexibility and energy storage projects to be completed by the end of 2025. This initiative aims to enhance ...

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Spanish-Portuguese partnership delivers green boost for smart energy

A cross-border collaboration between researchers in Portugal and Spain has developed new systems for low-carbon, small-scale power grids. Regional agencies are using the research to ...

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[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 ...

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Galp and Powin install a large-scale energy storage system in Portugal

The collaboration between Galp and Powin has begun the installation of a large-scale battery energy storage system in Alcoutim, a small town located in the sunny Algarve ...

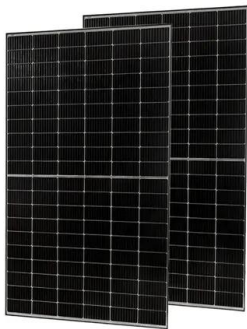
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Projects , Vasco da Gama CoLAB

2) Increased availability, robustness, and safety, of sustainable and efficient choices for energy storage to reduce energy losses and improve the environmental footprint of the energy system.

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The project tested innovative strategies to boost clean energy transition on islands by targeting the electric distribution grids to enable demand response schemes, smart grid ...

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[Portugal Battery Storage Boom Lures Foreign Investment](#)

Portugal's electricity network is undergoing a quiet revolution. Investors are shifting from a race to install ever-larger solar fields toward a more nuanced goal: pairing panels and ...

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[Portugal allocates funding for 500 MW of energy storage](#)

Eligible projects can receive up to EUR30 million and can be developed both at the transmission and distribution levels by the end of 2025. The funding is allocated through the ...

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[Portugal and Moldova progress 575MW of BESS procurements](#)

The 500MW procurement was confirmed in August 2024 and aims to strengthen the flexibility and sustainability of Portugal's national electricity system and integrate renewable ...

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Portuguese tender supports 500 MW of energy storage projects

The successful projects will together add at least 500 MW of energy storage to the public electricity grid. The call for proposals, which is part of the country's Recovery and ...

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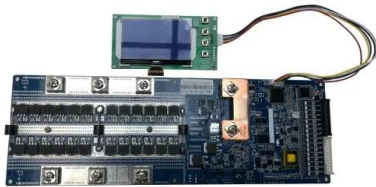
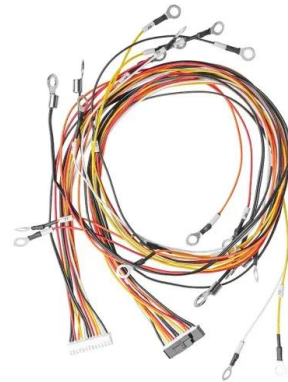
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Spanish-Portuguese partnership delivers green boost for smart energy

The general objective of the AGERAR project was to promote energy efficiency and establish sustainability criteria for the storage and management of renewable energy in homes and ...

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[Portugal Awards Grants to 500 MW of Energy Storage Projects](#)

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