

# Portugal timing energy storage





## Overview

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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. 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.

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.

How many energy storage projects will Portugal support?

Portugal news » Energy storage competition will support 41 projects The tender, launched in the summer of 2024 to promote renewable energy storage and reduce reliance on fossil fuel sources, has just announced its final results, stated the Ministry of Environment and Energy in a communiqué.

What does Portugal's energy storage tender mean for the energy transition?

Portugal's government has announced the outcome of an energy storage tender that will see the installation of 500 MW of energy storage capacity to support the country's energy transition. Energy storage battery. Photo by Anna Vasileva.

Will Portugal support 500MW of energy storage capacity by 2025?



Image: Wikicommons. 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 distributed-scale.

How much money does Portugal need to modernise its electricity grid?

Portugal: Portugal has unveiled a \$480 M (€400 M) investment package to modernise its electricity grid and significantly expand battery energy storage systems (BESS), following a major Iberian blackout earlier this year.



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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. ...

### **Portugal Solar Energy Storage Market (2025-2031) , Trends, ...**

6Wresearch actively monitors the Portugal Solar Energy Storage Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, ...



### **Portugal commits \$480 M to grid and storage , Switchgear Magazine**

Portugal will invest \$480 M (EUR400 M) to strengthen grid stability and scale battery storage, aiming for 750 MW of BESS capacity after Iberian blackout.

### **R.Power targets developing 680 MW of energy storage in Portugal**

Polish renewables company R.Power is looking to develop 680 MW of standalone battery energy storage system (BESS) projects in Portugal in



support of the ...



[Portugal needs more wind capacity to replace rising ...](#)

Investment in grid flexibility: To support the integration of renewable energy, Portugal has invested in grid improvements and energy ...



### The Self-Generation Incentive Program: Behind-the-Meter Energy Storage

The Self-Generation Incentive Program (SGIP) evaluation found that behind-the-meter (BTM) storage provides tangible benefits - load reduction during system peak hours, ...



[National Recovery and Resilience Plan \(RRP\)](#)

In the context of the Recovery and Resilience Mechanism, launched by the European Commission on February 12, 2021, Portugal submitted its final version of the Recovery and ...





## Portugal begins public consultation for solar-wind hybrid with storage

The Portuguese government has initiated a public consultation for a hybrid project that includes a 339.4-MWp solar plant, a 14.4-MW wind farm, and a 310-MW/620-MWh ...



## The Portuguese legal framework on utility-scale energy storage

This article briefly analyses the Portuguese regulatory framework for utility-scale energy storage technologies, in order to highlight the strategies that have been followed. A ...

## The role of pumped hydro storage in the Portuguese National ...

However, given the potential effects of climate change, this study examines the role of hydropower in the Portuguese power system, focusing on its impact on generation, ...



## [Portugal Allocates Funding for 500 MW of Energy ...](#)

Portugal is seeking to promote flexibility and balance its power system with energy storage as it continues to break records for solar energy ...



### Portugal concede subvenciones a 500 MW de proyectos de ...

Portugal concede subvenciones a 500 MW de proyectos de almacenamiento de energía Un total de 43 proyectos han sido seleccionados entre 79 candidaturas en la licitación ...



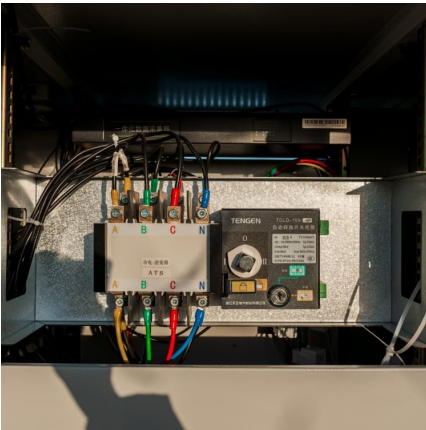
### Powin, Galp to install 5 MW/20 MWh of battery storage in Portugal

Galp, a Portuguese energy company, has announced plans to build a 5 MW/20 MWh battery storage system in Portugal, in collaboration with Powin. The system at one of ...

### [Portugal Allocates Funding for 500 MW of Energy Storage](#)

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 ...





### Portugal's Renewable Sector Attracts Larger Investment as ...

The renewable energy landscape in Portugal is moving into a new phase, marked by stronger commitments from international investors and the integration of storage ...

### [Portugal simplifies energy storage projects' licensing](#)

These changes follow the blackout in the Iberian Peninsula on April 28, 2025, highlighting the need for energy storage to help keep the power grid stable and secure by ...



### Portuguese utility to build EUR600m renewable park with ...

Endesa Portugal will build a renewable energy plus 168.6MW battery storage system project after the country's last coal plant closed.



### Portugal plans energy storage tender by Jan under resilience ...

Portugal's Minister of Environment and Energy Maria da Graça Carvalho has this week presented measures to strengthen the security of the national electricity system, ...



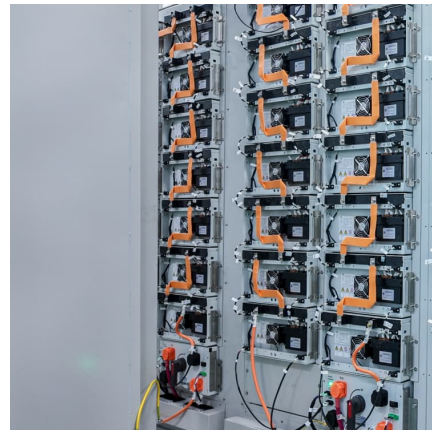
[Portugal awards grants to 500 MW of energy storage ...](#)

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



[Energy Storage in Portugal, Publications, Knowledge](#)

Energy storage installed capacity in Portugal is still predominantly based on hydropower pumping, which is today over 3 GW, and will increase to 4,164 GW when the Alto- ...



**Portugal allocates EUR100 million in grants for energy ...**

The funding is part of the EU-wide Recovery and Resilience Facility (RRF), a pot of money aimed at helping EU economies transform ...





### **RelyEZ at RE+ 2025: Redefining Energy Storage as the Real ...**

23 ????· LAS VEGAS, NV / ACCESS Newswire / September 16, 2025 / At RE+ 2025 in Las Vegas, the conversation was not only about technologies on display but about the financial ...



### **The role of pumped hydro storage in the Portuguese National ...**

Finally, the study estimates the value of electricity storage in the day-ahead market, providing new insights for policymakers, energy stakeholders, and researchers working ...

### **Portugal s Leap in Power Storage Pioneering a Renewable Future**

Why Portugal's Energy Storage Projects Matter You might wonder why Portugal develops power storage projects with such urgency. The answer lies in its bold renewable energy targets - ...



### [Green light for Algarve battery storage plant](#)

Galp has entered into a partnership with North American company Powin to install an energy storage system, using large-scale batteries, in one of its photovoltaic plants, ...



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