

## Solar Storage Container Solutions

# Construction of new energy storage project in Portugal



## Overview

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

Portugal's Ministry of Energy has announced that it has allocated EUR 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).

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 can Portugal achieve 80% renewable electricity by 2026 & 85% by 2030?

This initiative supports Portugal's goal of 80% renewable electricity by 2026 and 85% by 2030. In 2024, renewable energy contributed 71% to Portugal's electricity, marking a record 36.7 TWh. The energy storage projects will help stabilize the electricity grid and contribute to a greener, more sustainable energy transition.

What is Portugal's power generation capacity?

Power generation capacity is around 22GW. Minister of Environment and Energy Maria da Graça Carvalho said: "This is a significant step towards

Portugal's energy independence and towards building a greener and more sustainable energy future.

Why should Portugal invest in a battery factory?

"Our factory will not only create new jobs but will also place Portugal at the forefront of the production of batteries for electric vehicles in Europe," he highlights. According to CALB, "this strategic investment" aims to "reinforce its presence in the European market for electric vehicles (EV) and energy storage systems (BESS)".

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### Biggest projects in the energy storage industry in 2024

Dec 25, 2024 · Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.

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

Apr 16, 2025 · 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 ...



### EUR2 billion lithium battery factory for Portugal

Feb 21, 2025 · The project to build a lithium battery factory for cars owned by the Chinese company CALB in Sines, with 15 GWh (Gigawatts/hour) of energy storage, is launched this ...

### New Pellet Plant Under Construction in Aveiro, Portugal

May 27, 2025 · This time, our focus is in Portugal, where we've begun construction on a new pellet

storage facility in the city of Aveiro. The project includes top-quality hopper silos, ...



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

Feb 7, 2024 · 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 ...

## Portugal awards grants to 500 MW of energy storage projects

Jan 22, 2025 · Portugal's Ministry of Energy has announced that it has allocated EUR 100 million (\$104.2 million) to 43 energy storage projects which should be installed by the end of 2025. A ...



## TagEnergy to build France's largest battery, ...

Dec 4, 2024 · TagEnergy will develop and manage the Cernay-lès-Reims project, which is scheduled for grid connection in late 2025. It will have a storage ...

## 180 MW Santas Solar Project in Portugal

Lisbon, Portugal, July 10th - Akuo an independent global renewable energy power producer and developer, is launching the construction of its SANTAS solar project (180 MW) after signing of ...



## Portugal Allocates EUR100 Million for 43 Energy Storage Projects

Jan 24, 2025 · Portugal's Ministry of Energy has allocated EUR100 million to support 43 energy storage projects, scheduled for completion by the end of 2025. These projects were selected ...

## Iberdrola builds the largest photovoltaic project ...

Sep 12, 2024 · The 1,200-MW Fernando Pessoa solar project is located in Santiago do Cacém, near Sines and its construction will generate up to 2,500 ...



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

Dec 1, 2024 · The Iberian Peninsula stands at the crossroads of renewable energy expansion and the climate-induced transformation of its water resources availability. Hydropower generation ...

## Energy storage competition will support 41 projects

Apr 2, 2025 · 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 ...



## The Ultimate Guide to Construction in Portugal

Jul 25, 2025 · Introduction to Construction in Portugal The Portuguese construction market was valued at USD \$11.6 billion in 2022 and is projected to grow 1.7 percent between 2026 and ...

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

Feb 7, 2024 · The batteries will allow Galp to store the solar energy produced in periods of high generation, and to deploy it during periods of high demand, maximizing the energy's value. ...



## Germany's Aquila starts on Coimbra solar plant ...

May 9, 2023 · Aims to start construction of five further plants in Portugal "later this year" Germany-based multinational Aquila Clean Energy starts construction of ...



## Endesa plans Europe's largest hybrid wind-solar ...

Mar 28, 2022 · Spanish power provider Endesa, a subsidiary of Italy-based utility Enel, has announced it has won Pego's fair transition competition in Portugal ...



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## Portugal to invest EUR400m in grid upgrades and BESS after ...

Jul 29, 2025 · The government of Portugal has announced plans to invest EUR400 million (US\$466 million) to improve its grid management capabilities and increase its battery energy storage ...

## Iberdrola plans 1.32 GW pumped-hydro storage project in Portugal

Jul 14, 2025 · Iberdrola has started approval processes for a 1.32 GW pumped-hydro storage project in Portugal. The Proyecto de Aprovechamiento Hidroeléctrico de Minhéu is set to ...



## Portugal allocates funding for 500 MW of energy ...

Aug 1, 2024 · Portugal is seeking to promote flexibility and balance its power system with energy storage as it continues to break records for solar energy ...





## Energy storage converters Portugal

How much will Portugal spend on energy storage & grid flexibility? The Portuguese Ministry of Energy has allocated EUR99.75 million (\$107.6 million) for grid flexibility and energy storage ...



## Portugal plans energy storage tender by Jan under resilience

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Aug 1, 2025 · 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, ...

## Tâmega Project, Europe's most innovative hydroelectric ...

Iberdrola maintains its steady pace in the renewable energy sector by leading the construction of Tâmega (Portugal), one of the largest energy storage facilities in Europe.



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