

European Solar Energy Storage

Portugal s energy storage policy



Overview

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In spite of foreseeing some innovative projects for energy storage in Portugal, there is not yet a general framework in this field. Nevertheless, Portugal has a sectorial legislative framework for the electric mobility network that describes the general framework of the network and the licences.

Portugal is committed to achieving carbon neutrality by 2050, as a contribution to the global and European goals assumed in the implementation of the Paris Agreement. Accomplishing this goal implies reducing greenhouse gas emissions by more than 85%, compared to 2005, and ensuring a carbon.

Portugal plans to hold an energy storage auction before January 2026 as part of a €400 million (\$462.2 million) initiative to enhance grid resilience following an April blackout. From ESS News Portugal will launch a competitive tender for 750 MVA of battery energy storage before January 2026, as.

The accompanying country report warns that delays in renewable energy projects and limitations in grid and storage capacity risk slowing down the green transition. Between 2005 and 2023, Portugal achieved considerable emissions reductions in energy industries (-78 %) and industry (-40 %), in.

The European Commission's European Green Deal has established the roadmap for reducing emissions by at least 55 per cent. Renewable energies are inevitably vulnerable to variations in availability, since the sun and the wind cannot be programmed. Energy storage is therefore essential if EU targets.

The IEA examines the full spectrum of energy issues including oil, gas and coal

supply and demand, renewable energy technologies, electricity markets, energy efficiency, access to energy, demand side management and much more. Through its work, the IEA advocates policies that will enhance the. Is there a general framework for energy storage in Portugal?

In spite of foreseeing some innovative projects for energy storage in Portugal, there is not yet a general framework in this field.

What are Portugal's Energy and climate policies?

Portugal's energy and climate policies seek to achieve carbon neutrality primarily through broad electrification of energy demand and a rapid expansion of renewable electricity generation, along with increased energy efficiency. There is a strong focus on reducing energy import dependency and maintaining affordable access to energy.

Why is energy storage important in Portugal?

Renewable energies are inevitably vulnerable to variations in availability, since the sun and the wind cannot be programmed. Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year.

Can Portugal develop a commercial energy storage value chain?

The efforts require the development and implementation of an appropriate legal, policy and funding framework, and for oversight by the Commission for Climate Action. The IEA notes Portugal's potential in developing commercial opportunities in the energy storage value chain.

Should energy storage be democratised in Portugal?

Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year. However, this paradigm is about to change with the democratisation of energy storage solutions through wind and solar production.

What is Portugal's Energy Plan?

Portugal's plan was submitted to the EU in April 2021, requesting EUR 13.9 billion in grants and EUR 2.7 billion in loans. Portugal's plan dedicates notable

funding to the energy sector, with funding for sustainable mobility, energy efficiency, renewables, decarbonisation and bio-economy.

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Energy storage trends

Below, we provide an overview of the legislative framework and some of the issues that should be considered by operators interested in investing in the energy storage sector in Portugal.



PORTUGAL SIMPLIFIES ENERGY STORAGE PROJECTS' ...

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 encouraging the use of storage systems.



Portugal allocates EUR100 million in grants for energy storage

The funding is part of the EU-wide Recovery and Resilience Facility (RRF), a pot of money aimed at helping EU economies transform structurally after the Covid-19 pandemic, and which several have used to fund energy storage.

Portugal to hold energy storage auction before January 2026

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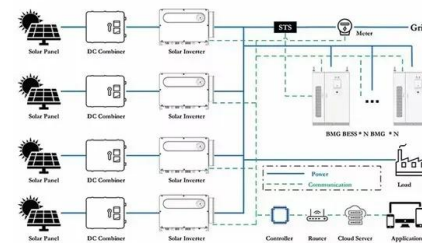


Energy storage regulation in Portugal , CMS Expert Guides

Are you looking for information on energy storage regulation in Portugal? This CMS Expert Guide provides you with everything you need to know.

[Portugal 2021 Energy Policy Review](#)

In this report, the IEA provides a range of energy policy recommendations to help Portugal smoothly manage the transition to an efficient and flexible carbon-neutral energy system.



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 critical analysis is conducted, underlining the importance of energy storage for ...

Government prepares national plan for energy storage

The minister indicated that the government intends to see the capacity for storing electricity increased, and for this reason is working on a "national storage plan", which, she said, could include both chemical storage, through batteries, and hydroelectric storage, through the capacity of dams.



Energy Policy

The energy transition that is foreseen for the next decade will require more than 25,000 million euros of investment, which involves a complex concertation of wills and an alignment of policies, incentives, and means of financing.

PORTUGAL

Announced energy policy projects focus on reducing fossil fuel dependence and increasing renewable energy adoption across sectors such as transport and industry. However, integrating renewables into the grid and ensuring adequate energy storage to manage their variability remain critical challenges.



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