



Portugal Intelligent Energy Storage Cabinet Project Tender Announcement

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 EUR99.75 million (US\$107 million) for grid-scale energy storage projects at the transmission and distributed-scale.

Does Portugal need 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 country's Ministry of Energy announced on Wednesday that it has allocated EUR99.75 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 EUR99.75 million (\$107.6 million) for grid flexibility and energy storage projects which should be installed by the end of 2025. Portugal is seeking to promote flexibility and balance its power system with energy storage as it continues to break records for solar energy production.

Will a 5 mW 20 MWh battery storage system be built 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 Galp's solar plants will enable it to adjust its PV production profile and meet its energy requirements. This project marks Powin's first venture in Europe.

Why is a new energy tender launching?

The tender is launched "in response to the growing need to optimize and manage the electricity grid in a flexible manner, especially in light of the current geopolitical situation and its impacts on the energy market," the Ministry said in a statement. Applications can be submitted via the Environmental Fund portal until September 2.

Why do we need batteries in Portugal?

"Batteries also add to the competitiveness of our renewable energy portfolio by making solar and wind power available when they are most needed." Large-scale energy storage projects in Portugal have been relatively small in number, although 2022 saw the inauguration of a 40GWh pumped hydro energy storage (PHES) project by utility Iberdrola.

To this end, the country's Ministry of Energy announced on Wednesday that it has allocated EUR99.75 million (\$107.6 million) in a bid to support 500 MW of energy storage projects. Eligible projects can receive up to EUR30 million and can be developed both at the transmission and distribution levels by the end of 2025.



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Overall, the Portuguese company plans to achieve more than 500 MW of storage capacity worldwide by 2026, it noted. In addition to BigBATT, EDP had the GreenH2Atlantic and the Asturias H2 Valley projects included in previous editions of this fund.

The planned investment will fully contribute to the Portuguese climate goals by enhancing intelligent energy systems and their storage. This initiative aims to increase the ...

System integrator Powin has been enlisted by oil, gas and renewable energy firm Galp to install a battery energy storage system (BESS) at a PV plant in Portugal, Powin's first in Europe. Powin will provide the 5MW/20MWh BESS for one of Galp's operational PV plants, in the village of Alcoutim in the Algarve, south Portugal, the latter's ...

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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. Grid-scale BESS projects have been relatively limited in Portugal to date, although utility Iberdrola did bring online a ...

The call for tenders has an investment of EUR99.75 million and was launched through the Environmental Fund, and applications must be submitted on the Fund's portal by 2 September. Eligible projects can receive up to EUR30 million, in view of the "growing need to optimise and manage the electricity grid in a flexible way, especially ...

On July 31, the ministry announced the allocation of EUR99.75 million through a call for tenders to install energy storage projects totaling 500 MW. These projects, funded by the Environmental Fund as part of the ...

6 ???· National Institute of Solar Energy; National Institute of Wind Energy; Public Sector Undertakings. Indian Renewable Energy Development Agency Limited (IREDA) Solar Energy Corporation of India Limited (SECI) Association of Renewable Energy Agencies of States (AREAS) Programmes & Divisions. Bio Energy; Energy Storage Systems(ESS) Green Energy ...

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The SolaX I& C energy storage cabinet, designed for large-scale commercial and industrial projects, integrates LFP cells with a capacity of up to 215kWh per cabinet, an Energy Management System (EMS), and PCS. It offers high efficiency, safety, and intelligent control, with advanced EMS for real-time monitoring, autonomous scheduling, and comprehensive ...

As well as Austria, NGEN is also deploying large-scale projects in Croatia and its home market of Slovenia, totalling 50MW/100MWh and 70MW/140MWh in size respectively, with 1GW of projects overall in ...

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