

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.

How much renewable electricity is produced in Portugal in 2024?

The country's renewable electricity production peaked at 4.67 TWh in March 2024 (93% of total production). In May 2024, renewables accounted for nearly 100% of electricity generation (98.4%). While weather has played a vital role in Portugal's increased renewable production, having the right balance of baseload and peak capacity is crucial.

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. 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 more wind power?

The International Energy Agency recently recommended increased wind power development in the EU. It said while the bloc is on track to meet its 2030 target of 600 GW of solar PV, more effort is needed to boost wind capacity. Portugal risks becoming even more dependent on electricity imports if more wind and solar capacity are not installed.

How has Portugal adapted to its energy transition?

Portugal has made significant progress in its energy transition, focusing on increasing renewables generation and reducing carbon emissions. The country has set an ambitious goal to become carbon neutral by 2045 and has raised its renewable targets.

Will Portugal end gas generation by 2040?

It now plans to end gas generation by 2040. Since 2017, Portugal's renewable power generation has increased by 57% and its gas demand has declined by 30%. The government and electricity companies must accelerate wind deployment to achieve the country's 2030 target of having a 51% share of renewables in final energy consumption.

The Portuguese government plans to invest up to 400 million euros (\$466 million) to improve grid management and boost battery storage following a massive blackout across ...

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, ...

Portugal must increase its buildout capabilities to renew its wind infrastructure in the coming years. Failing to do so could drive up electricity prices and emissions, putting additional strain ...

A total of 43 projects were selected from 79 applications in Portugal's 2025 energy storage procurement. This included six projects from Spain's Iberdrola, which secured nearly ...

Portugal risks becoming even more dependent on electricity imports if more wind and solar capacity are not installed. Electrification and grid modernisation are essential to ...

The growth rate of installed wind capacity has declined from 2023. Nevertheless, Portugal remains prominent in renewable integration in electricity production: it is the fourth ...

Portugal is a leader in renewable energy adoption, with significant investments in wind, solar, and hydropower. The country's geographic conditions, including high solar ...

