

## SolarTech Power Solutions

# Portugal s grid-side energy storage policy



IP65/IP55 OUTDOOR CABINET

IP54/55

OUTDOOR ENERGY STORAGE CABINET

OUTDOOR MODULE CABINET



## Overview

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Government outlines €400 million plan to strengthen grid resilience after April blackout. 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.

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The Portuguese Government approved the Incentive Scheme for Companies 'Grid Flexibility and Storage' with R-Power EU funds from the National Recovery and Resilience Plan ("PRR"), allocating €99.75 million to support investments in the flexibility and energy storage in the national electricity grid.

Portugal's energy transition, driven by ambitious decarbonization goals and its European leadership in renewable energy production, faces a critical challenge: the intermittency of renewable sources. Solar and wind energy, although clean and increasingly cost-competitive, are not constantly.

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The renewable energy landscape in Portugal is moving into a new phase, marked by stronger commitments from international investors and the integration of storage technologies into large-scale solar projects. By Paulo Lopes, in Business · 26 Aug 2025, 09:31 · 0 Comments A clear example comes from. How much will Portugal invest in grid management after a blackout?

REUTERS/Pedro Nunes/File Photo Purchase Licensing Rights LISBON, July 28 (Reuters) - 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 Spain and Portugal in April.

What is Portugal's Energy Policy?

Its membership is composed of the major companies active in oil procurement, refining, logistics and retail sales (APETRO, 2020). Portugal's energy policy is focused on reducing oil demand to lower GHG emissions and import dependency, while ensuring security of oil supply and the efficient functioning of downstream oil markets.

Can storage replace thermal generation in Portugal?

The pursuit of economic viability by storage facility owners will inherently lead to charging during low-cost hours and discharging during hours that are more economically attractive. Storage can replace thermal generation in constraint markets, easing the grid and supporting Portugal's 2040 phase-out target.

How much electricity does Portugal use?

Portugal has only about 13 megawatts of battery storage capacity, and the goal is to reach 750 megawatts, although no timetable has been set yet. According to the latest daily data from REN, electricity consumption in Portugal stood at 115 GWh on June 20. (\$1 = 0.8581 euros).

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.

What caused the power outage in Portugal?

A surge in voltage triggered a cascade of power plant disconnections, leading

to the outage that spread to Portugal, which was importing electricity at the time.

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