

## PEES Power Systems

# Portugal Energy Storage Box Transformer Project



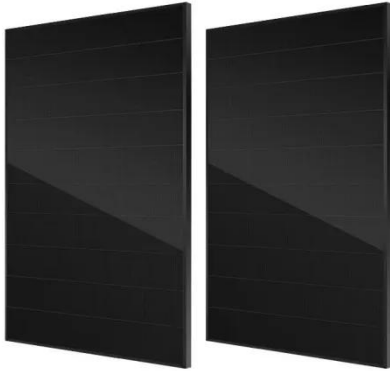
## Overview

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This initiative is part of a €400 million investment package designed to improve energy storage deployment, enhance grid resilience, and prevent future power disruptions. The plan follows a major blackout in April, which originated in Spain and temporarily affected parts of Portugal. Portugal will invest \$480 M (€400 M) to strengthen grid stability and scale battery storage, aiming for 750 MW of BESS capacity after Iberian blackout. PNEC 2030 establishes clear goals for scaling up renewable energy capacity. By the end of the decade, 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. Solar and wind energy, although clean and increasingly cost-competitive, are not constant. Investors are shifting from a race to install ever-larger solar fields toward a more nuanced goal: pairing panels and turbines with industrial-scale batteries so the lights stay on when the sun and wind take a break.

## Portugal Energy Storage Box Transformer Project

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### ELECTRICITY STORAGE IN PORTUGAL

Under this PRR scheme, 41 projects were approved, totalling around 500 MW of new storage capacity and EUR 99.75 million in grants. The main beneficiaries include Akuo (80 MW), Iberdrola (80 MW), ...

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### Portugal Allocates EUR100 Million for 43 Energy Storage Projects

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 ...



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### Portugal Battery Storage Boom Lures Foreign Investment

Portugal's battery storage boom steadies prices, slashes blackouts and opens tech roles. Discover how new policies could reshape your power bill.

## Energy Storage: The Key to the Stability of Portugal's Power Grid

Biogas microplants, batteries, pumped hydro, and emerging technologies like green hydrogen form a stability ecosystem that will allow Portugal not only to maintain its leadership in ...



## 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 ...

## Portugal allocates funding for 500 MW of energy storage

The Portuguese Ministry of Energy has allocated EUR99.75 million for grid flexibility and energy storage projects which should be installed by the end of 2025. 41 applications approved for funding.



## Portugal to Launch Battery Energy Storage Auction Before January 2026

### Lithium Solar Generator: \$150



Portugal is preparing to hold a competitive auction for 750 MVA of battery energy storage capacity before January 2026. This initiative is part of a EUR400 million investment package designed to ...

## Portugal's Renewable Sector Attracts Larger Investment as Storage

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 ...



## Portugal commits \$480 M to grid and storage , Switchgear Magazine

Portugal: Portugal has unveiled a \$480 M (EUR400 M) investment package to modernise its electricity grid and significantly expand battery energy storage systems (BESS), following a major ...

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