

ContainerPower Energy Solutions

Portugal s new energy storage system



Overview

How much money does Portugal need to modernise its electricity grid?

Portugal: Portugal has unveiled a \$480 M (€400 M) investment package to modernise its electricity grid and significantly expand battery energy storage systems (BESS), following a major Iberian blackout earlier this year.

What will Portugal's energy transition look like in 2026?

In addition, an auction for large-scale BESS is planned by 2026, marking a step forward in Portugal's energy transition strategy. To support critical infrastructure like hospitals, the government will provide \$28 M (€25 M) for solar PV and storage installations.

Are solar parks a stand-alone asset in Portugal?

This shift illustrates a broader trend in the Portuguese renewable sector: the move from building capacity alone to ensuring stability, reliability, and smarter integration of green energy into the grid. Solar parks are no longer seen as stand-alone assets.

How much will Portugal invest in battery storage after Iberian blackout?

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.

How much power does Portugal have?

Investigations revealed inadequate voltage control, abnormal frequency fluctuations, and improper plant disconnections as root causes. Portugal currently has only 13 MW of operational BESS capacity but aims to scale to 750 MW. A notable step includes Galp's 5 MW / 20 MWh project launched in April, developed by Powin.

Is Europe ready for energy storage?

Europe is expected to deploy over 90 GWh of utility-scale battery energy storage projects by 2030, and we are well positioned to support this demand along with the wider EMEA region's rapid energy storage growth," said Powin CEO, Jeff Waters.

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