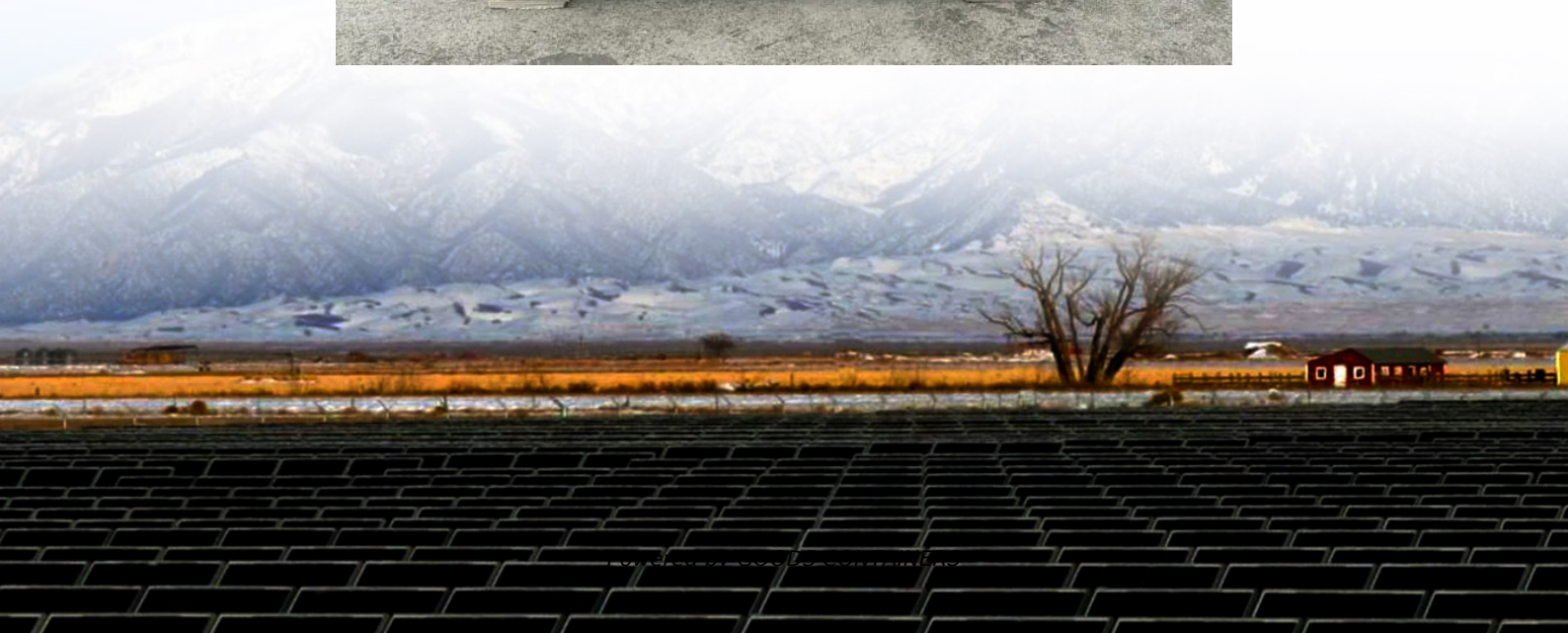


Portugal Supercapacitor Energy Storage Project





Overview

Who is constructing a Bess project in Portugal?

A 5MW/20MWh BESS project Powin and Hitachi deployed for Galp in Portugal. Image: Powin / Hitachi / Galp. Oil, gas and renewables firm Galp has announced construction on BESS projects in Spain and Portugal using equipment from inverter and BESS firm Sungrow.

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.

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.

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.



Portugal Supercapacitor Energy Storage Project



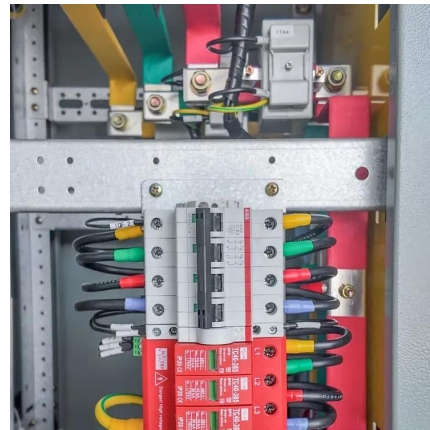
Galp and Powin to build large-scale energy storage system in Portugal

Feb 7, 2024 · The batteries will allow Galp to store the solar energy produced in periods of high generation, and to deploy it during periods of high demand, maximizing the energy's value.

...

[Portugal has 720 MWh of battery capacity awaiting ...](#)

Mar 20, 2025 · The other projects awaiting environmental permits include Endesa's 82.17 MWp Helíade Photovoltaic Plant, part of the planned "Pego Cluster" which will feature 168.6 MW of ...



[Galp installs 74 MW of batteries to store energy in Portugal ...](#)

Aug 4, 2025 · In Portugal, Galp is developing a set of four storage systems with a combined capacity of 60.5 MW / 120.4 MWh (2-hour batteries) integrated into its Alcoutim solar farms. ...



[Portugal to Launch Battery Energy Storage Auction Before ...](#)

Aug 14, 2025 · Portugal plans a 750 MVA battery storage auction by January 2026, investing EUR400M to boost grid resilience, speed renewables, and strengthen energy security nationwide.



Galp and Powin install a large-scale energy storage system in Portugal

Apr 16, 2025 · The collaboration between Galp and Powin has begun the installation of a large-scale battery energy storage system in Alcoutim, a small town located in the sunny Algarve ...



[Galp building 73MW/147MWh of Sungrow BESS in Spain, Portugal](#)

Aug 4, 2025 · A 5MW/20MWh BESS project Powin and Hitachi deployed for Galp in Portugal. Image: Powin / Hitachi / Galp. Oil, gas and renewables firm Galp has announced construction ...



[Spain & Portugal: Galp Breaks Ground on 147MWh Grid ...](#)

Aug 4, 2025 · A 5MW/20MWh BESS project Powin and Hitachi deployed for Galp in Portugal. Image: Powin / Hitachi / Galp. Galp has kicked off construction on five new battery energy ...





[Galp and Powin launch 5MW battery storage system in Portugal](#)

Apr 21, 2025 · The battery energy storage project utilizes Powin's Centipede Stack750 and a power conversion system from Hitachi Energy, underscoring the importance of partnership ...



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