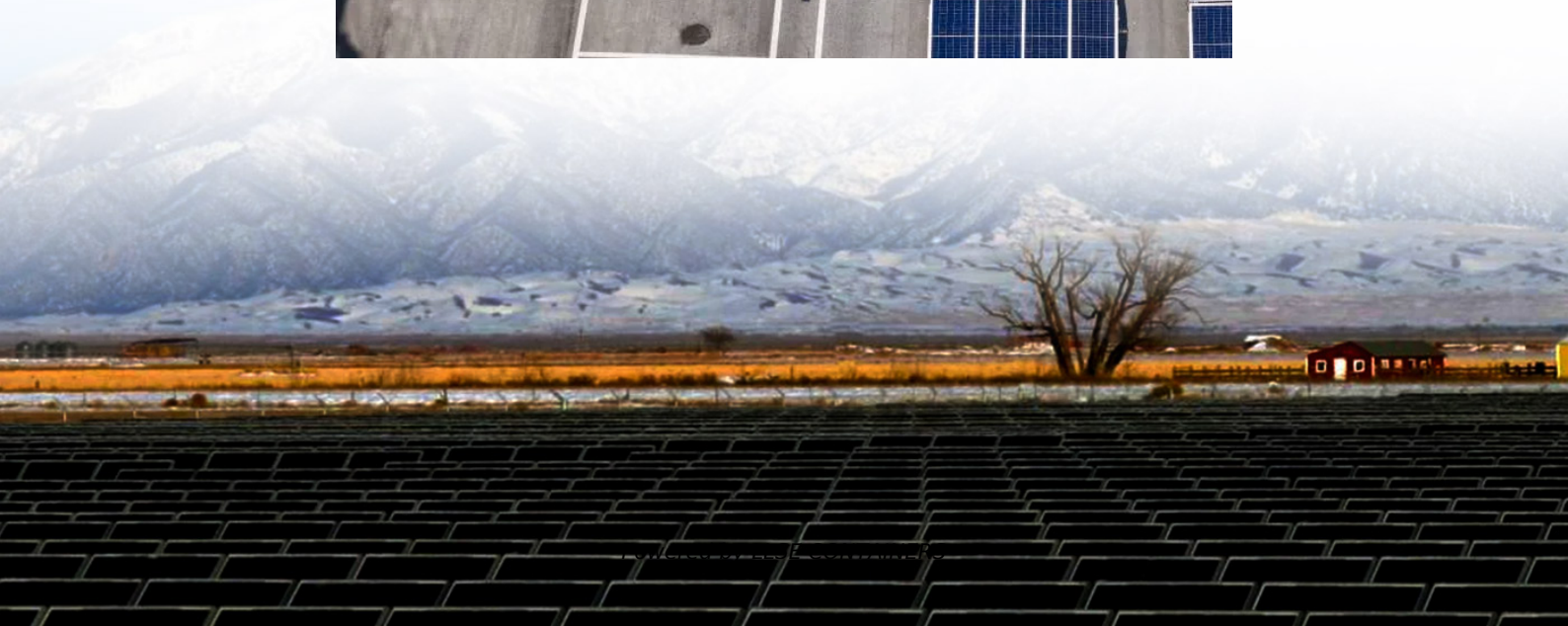
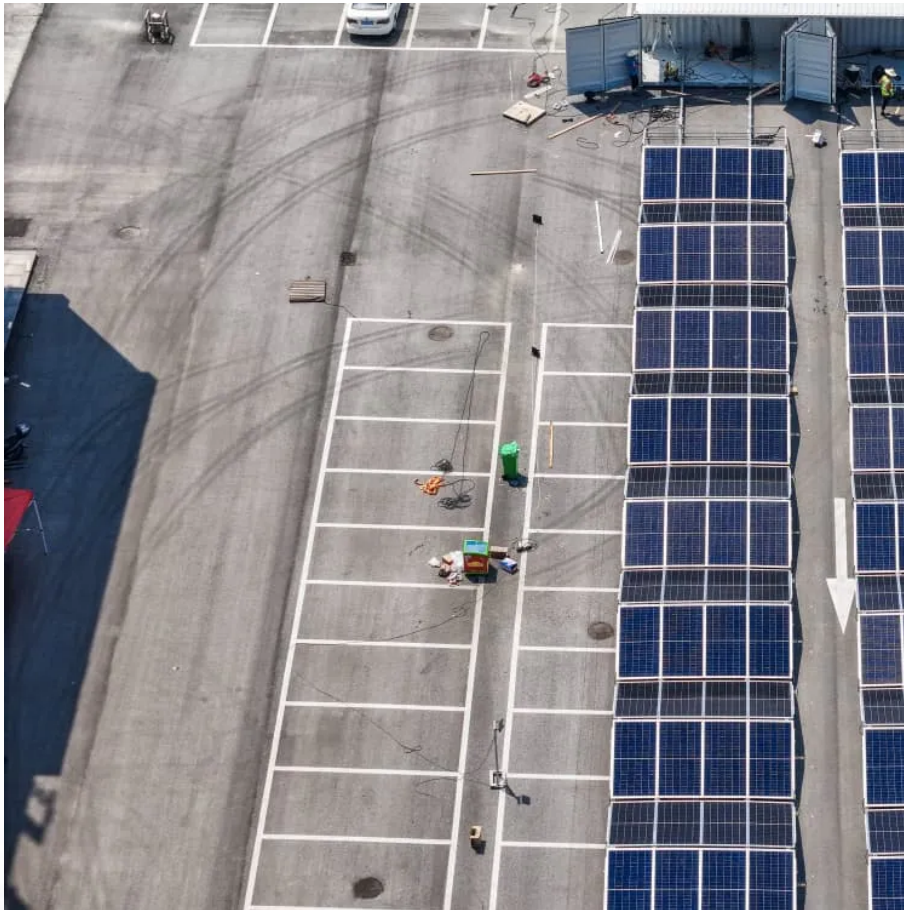


# Battery hybrid energy storage in Porto Portugal





## Overview

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Will a 5 mW 20 MWh battery storage system be built in Portugal?

Galp, a Portuguese energy company, has announced plans to build a 5 MW/20 MWh battery storage system in Portugal, in collaboration with Powin. The system at one of Galp's solar plants will enable it to adjust its PV production profile and meet its energy requirements. This project marks Powin's first venture in Europe.

Is powin launching a battery energy storage system in Europe?

This project marks Powin's first venture in Europe. Global energy storage supplier Powin LLC and Portuguese integrated energy company Galp have partnered to install a utility-scale battery energy storage system (BESS) in Algarve, Portugal. The 5 MW/20 MWh battery system will be built at one of Galp's solar power plants near the village of Alcoutim.

What is a battery energy storage project?

The battery energy storage project utilizes Powin's Centipede Stack750 and a power conversion system from Hitachi Energy, underscoring the importance of partnership between global companies in supporting Europe's energy transition.

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.



## Battery hybrid energy storage in Porto Portugal

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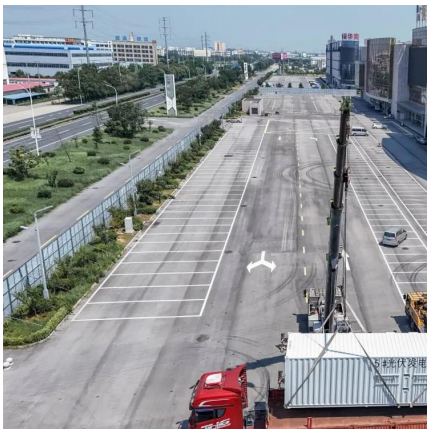


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Oct 26, 2025 · Portugal is still in the early phases of its energy storage cycle, creating a unique opportunity for first movers. Recent policy changes allow for co-located solar and storage ...

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

Apr 21, 2025 · Portuguese energy firm Galp and Powin, a US-based energy storage integrator, completed the commissioning and injected the first electrons of stored energy to the grid from ...



### **Vasco da Gama CoLAB**

Vasco da Gama CoLAB is a Portuguese collaborative laboratory for the research and development of energy storage solutions. VG CoLAB develops innovative energy storage ...

### [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. ...



[Two hybrid projects with more than 630 MWh of battery storage ...](#)

Oct 29, 2025 · Two hybrid projects with more than 630 MWh of battery storage planned in Portugal Lightsource bp is planning an 867 MWp solar and 300 MWh battery energy storage ...



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

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 ...



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