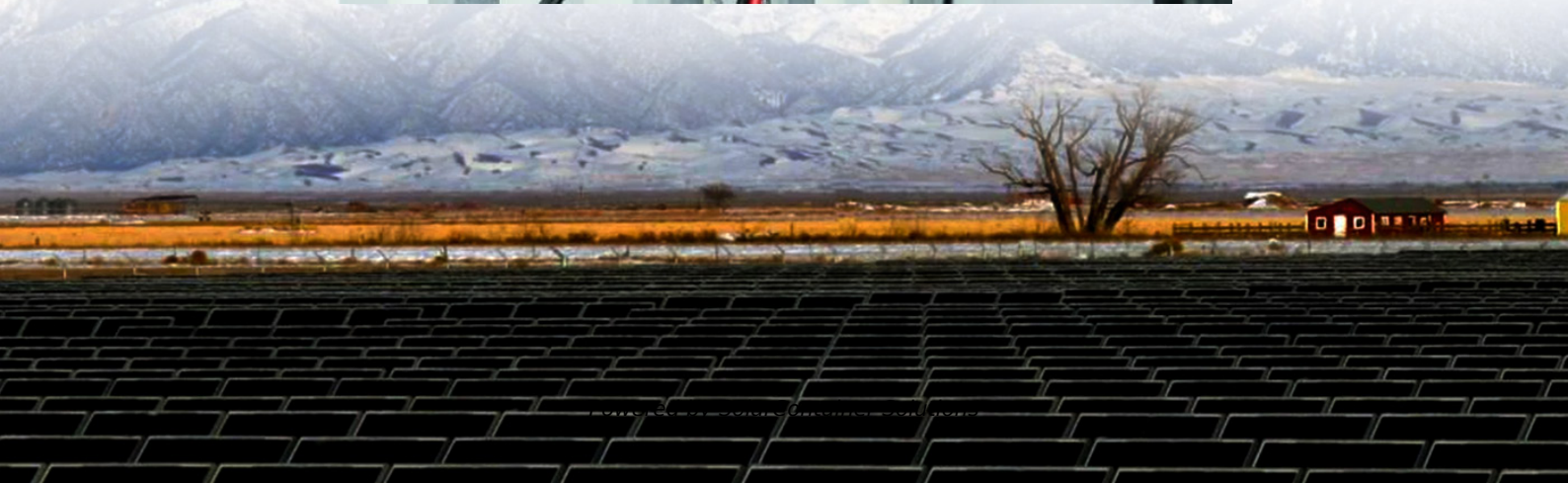


# **Portugal invests 8 billion to build a large energy storage battery project**





## Overview

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Global energy storage platform provider Powin LLC and Galp, Portugal's leading integrated energy company, have partnered to install a utility-scale battery energy storage system (BESS) at one of Galp's solar power plants near Alcoutim, a small village in the country's sunny southern region of the Algarve, where Galp operates several projects with a combined capacity of 144 MW. Will a lithium battery factory be built in Portugal?

According to the latest report on February 21st, battery manufacturer CALB will invest 2 billion euros (approximately Yuan 15.1684 billion) in Sines, Portugal to build a lithium battery factory aimed at providing high-performance energy storage batteries for the European electric vehicle industry.

Why should Portugal invest in a battery factory?

"Our factory will not only create new jobs but will also place Portugal at the forefront of the production of batteries for electric vehicles in Europe," he highlights. According to CALB, "this strategic investment" aims to "reinforce its presence in the European market for electric vehicles (EV) and energy storage systems (BESS)".

Is Portugal a key player in the global battery value chain?

Portugal has taken monumental steps in establishing itself as a key player in the global battery value chain. Five major initiatives have been announced recently, marking a transformative moment for the nation's green energy ambitions. Here's a roundup of the latest developments:

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.



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 battery Cluster Portugal?

Read about it [here](#). Battery Cluster Portugal, which includes CALB, Savannah, Lifthium, DST, and over 50 other entities, has been designated as one of Portugal's four key Competitiveness Clusters for 2024-2030. This recognition underscores the sector's strategic importance.



## Portugal invests 8 billion to build a large energy storage battery pro

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### **CALB Portugal battery factory to start construction this year**

According to the latest report on February 21st, battery manufacturer CALB will invest 2 billion euros (approximately Yuan 15.1684 billion) in Sines, Portugal to build a lithium ...

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### Top 10 Energy Storage Investors in Portugal , PF Nexus

Here are Portugal's top 10 energy storage investors, who are changing the market. These prominent firms are investing in standalone storage, co-located renewables, and grid services, ...

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### Top five energy storage projects in the UAE

The thermal energy storage battery storage project uses molten salt thermal storage storage technology. The project was announced in 2018 and will be commissioned in ...

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### **Galp and Powin to build large-scale energy storage system in ...**

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. ...

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## Portugal's Battery Value Chain Accelerates with Five Game ...

Portugal has taken monumental steps in establishing itself as a key player in the global battery value chain. Five major initiatives have been announced recently, marking a ...

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

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. ...

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## Portugal to Launch Battery Energy Storage Auction Before ...

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 ...

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## [Energy Transition in Motion \(Week of Sept. 12, 2025\)](#)

2 days ago· Energy storage EDF, Fidra Energy Form Battery Energy Storage Partnership Battery storage array at power plant in the desert near Palm Springs (Source: Shutterstock) U.K. ...

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## [Greenergy plans 'world's largest' 4.1GWh Chile battery ...](#)

It said that construction had begun on the Oasis de Atacama battery storage project, which will be the "largest in the world" with 4.1GWh ...

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## [EC backs EDP's 150-MW battery project in Portugal](#)

The battery will be installed next to the Ribatejo combined cycle power station in Portugal. The new scheme is the first of its kind approved in ...

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## [EC backs EDP's 150-MW battery project in Portugal](#)

The battery will be installed next to the Ribatejo combined cycle power station in Portugal. The new scheme is the first of its kind approved in medium and large-scale ...

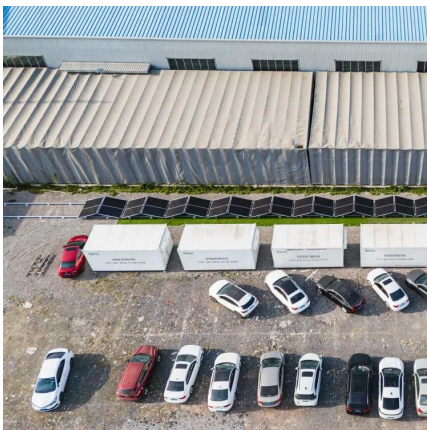
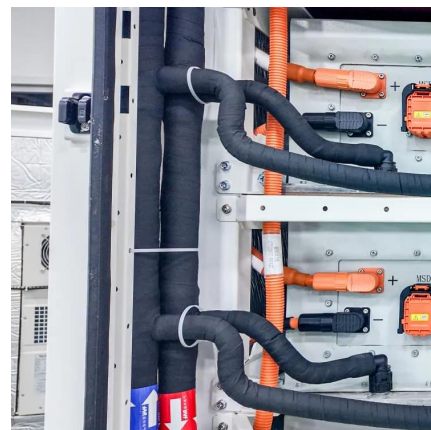
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### [Türkiye's Largest Grid-Scale Energy Storage Project ...](#)

Progresiva, a subsidiary of Kontrolmatik Technologies, is set to embark on Türkiye's largest grid-scale energy storage project in Tekirda?. ...

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### [EUR2 billion lithium battery factory for Portugal](#)

The project to build a lithium battery factory for cars owned by the Chinese company CALB in Sines, with 15 GWh (Gigawatts/hour) of energy ...

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### **Portugal to invest \$466 million to boost grid management, battery**

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 ...

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## **Tesla agrees to build China's largest grid-scale battery power ...**

Tesla has signed its first deal to build a grid-scale battery power plant in China. The U.S. company posted on the Chinese social media service Weibo that the project would ...

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## **CALB Portugal battery factory to start construction this ...**

According to the latest report on February 21st, battery manufacturer CALB will invest 2 billion euros (approximately Yuan 15.1684 ...

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## **[Portugal allocates funding for 500 MW of energy storage](#)**

The Portuguese Ministry of Energy has allocated EUR99.75 million (\$107.6 million) for grid flexibility and energy storage projects which should be installed by the end of 2025.

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## **[Portugal Battery Storage Boom Lures Foreign Investment](#)**

Portugal's electricity network is undergoing a quiet revolution. Investors are shifting from a race to install ever-larger solar fields toward a more nuanced goal: pairing panels and ...

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

Global energy storage platform provider Powin LLC and Portuguese integrated energy company Galp have partnered to install a utility-scale battery energy storage system ...

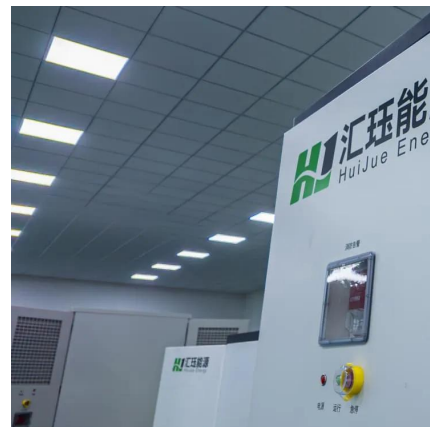
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## [EUR2 billion lithium battery factory for Portugal](#)

The project to build a lithium battery factory for cars owned by the Chinese company CALB in Sines, with 15 GWh (Gigawatts/hour) of energy storage, is launched this ...

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## [Prologis Energy sells 400-MW battery project in Texas](#)

Logistics real estate platform Prologis Energy, which also invests in energy storage, has finalised the sale of a 400-MW/800-MWh battery in ...

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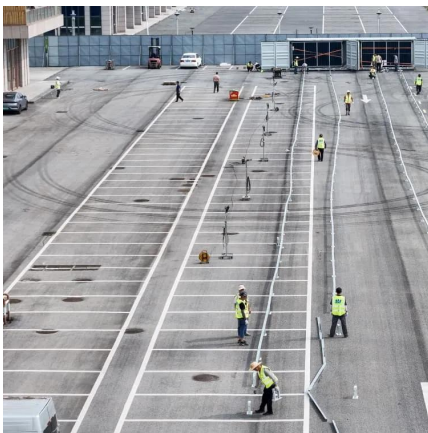




## [Prologis Energy Sells Massive Texas Battery Project](#)

The sale is expected to enhance the company's portfolio and strengthen its position in the energy storage market, reflecting a growing demand for large-scale battery ...

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## [Portugal to hold energy storage auction before January 2026](#)

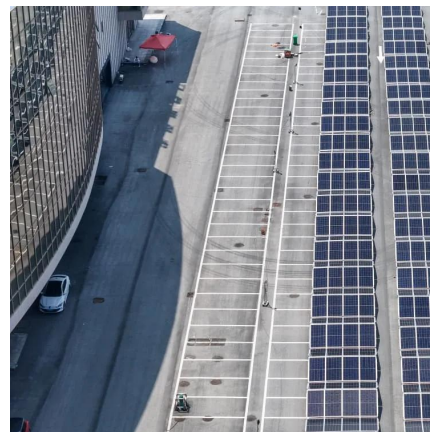
Portugal will launch a competitive tender for 750 MVA of battery energy storage before January 2026, as part of a broader EUR400 million package aimed at improving grid ...

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## **US DOE invests US\$28.7 million into Florida grid resilience battery project**

The US Department of Energy (DOE) is investing US\$28.7 million into grid resilience projects for Florida supported by GRIP Program.

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## [White paper BATTERY ENERGY STORAGE SYSTEMS ...](#)

The majority of newly installed large-scale electricity storage systems in recent years utilise lithium-ion chemistries for increased grid resiliency and sustainability. The capacity of lithium ...

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### [Chinese invest EUR2 billion in factory in Portugal](#)

Chinese invest EUR2 billion in factory in Portugal  
China Aviation Lithium Battery Technology (CALB) is the promoter of a project for a lithium ...

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### [The World's 6 Biggest Grid Battery Storage Systems](#)

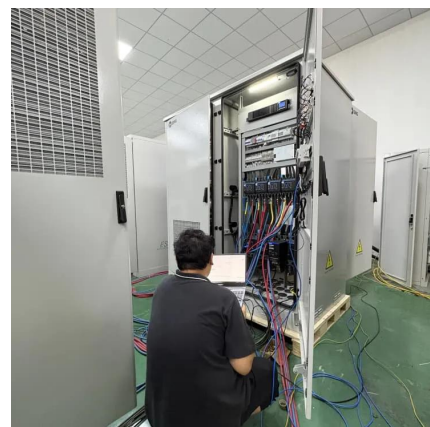
That cost reduction has made lithium-ion batteries a practical way to store large amounts of electrical energy from renewable resources and has resulted in the development of ...

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### [Energy Storage Grand Challenge Energy Storage Market ...](#)

This report covers the following energy storage technologies: lithium-ion batteries, lead-acid batteries, pumped-storage hydropower, compressed-air energy storage, redox flow batteries, ...

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