

Portugal puts liquid-cooled energy storage into use





Overview

How many energy storage projects will Portugal support?

Portugal news » Energy storage competition will support 41 projects The tender, launched in the summer of 2024 to promote renewable energy storage and reduce reliance on fossil fuel sources, has just announced its final results, stated the Ministry of Environment and Energy in a communiqué.

What does Portugal's energy storage tender mean for the energy transition?

Portugal's government has announced the outcome of an energy storage tender that will see the installation of 500 MW of energy storage capacity to support the country's energy transition. Energy storage battery. Photo by Anna Vasileva.

Why is energy storage important in Portugal?

Renewable energies are inevitably vulnerable to variations in availability, since the sun and the wind cannot be programmed. Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year.

Should energy storage be democratised in Portugal?

Energy storage is therefore essential if EU targets are to be met. Portugal's installed energy storage capacity is still predominantly based on hydro pumping, which currently stands at 4,164 GW year. However, this paradigm is about to change with the democratisation of energy storage solutions through wind and solar production.

What is the biggest energy storage grant in Portugal?

The biggest grant was awarded to Solara4Phase4 to the tune of EUR 16.4 million. A total of 43 projects were selected from 79 applications in Portugal's 2025 energy storage procurement. This included six projects from Spain's



Iberdrola, which secured nearly EUR 20 million in public funding.

Will Portugal's green transition boost energy storage by 2026?

(Montel) Portugal's recently elected government presented its legislative programme late on Wednesday, with the green transition one of its strategic pillars, including the launch of a strategy to boost energy storage by 2026.



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Portugal and Spain are racing to build energy storage sites - and they're doing it with the urgency of someone who just discovered their phone battery is at 1%. Portugal isn't ...

[Sodium battery liquid-cooled energy storage system put into ...](#)

The lithium battery research activity driven in recent years has benefited the development of sodium-ion batteries. By maintaining a number of similarities with lithium-ion batteries, this type ...



[Containerized Liquid-Cooled Energy Storage System Market](#)

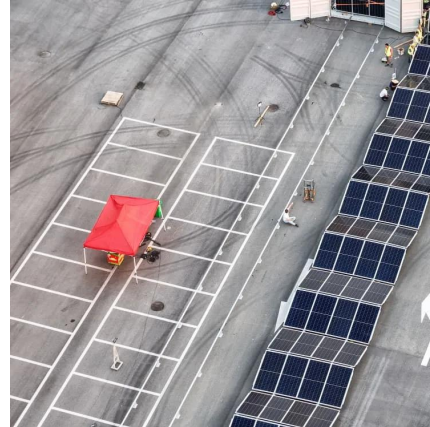
What are the primary end-use industries driving adoption of containerized liquid-cooled energy storage systems? The **renewable energy sector** is a dominant force propelling demand for ...

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Due to the higher heat transfer coefficient and specific heat capacity of the coolant and the fact that it is not affected by factors such as altitude



and air pressure, the liquid cooling system has ...



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In order to ensure the safety of energy storage power stations, the selection and design of energy storage system equipment should follow the principles of "prevention first, prevention and ...

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