

Spain Barcelona invests 2 billion yuan in energy storage project

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How will Spain increase its energy storage capacity?

Spain has launched an ambitious EUR700 million (around \$796 million) program to increase its energy storage capacity. This plan will add 2.5 to 3.5 gigawatts (GW) of storage. It includes pumped hydro, thermal energy storage, and battery systems.

What is energy storage in Spain?

It targets large-scale energy storage projects in Spain. It focuses on technologies like standalone battery energy storage systems (BESS), pumped hydro energy storage (PHES), and thermal energy storage. The program supports hybrid projects, which combine storage with renewable energy, such as solar or wind farms.

Why should Spain invest in energy storage?

Investing in energy storage helps Spain meet its climate goals. This includes achieving carbon neutrality by 2050. Storing renewable energy instead of wasting it helps the country rely less on fossil fuels. This also cuts down greenhouse gas emissions. Pumped hydro, thermal storage, and battery systems are effective technologies.

How much did ESS invest?

Developers have pledged EUR1.99 billion in total investment for 144 projects representing 2.61 GW and 11.14 GWh of capacity. Battery energy storage systems accounted for 124 of the selected projects, while 17 involved thermal or power-to-heat storage and three were pumped hydro sites. To continue reading, please visit our ESS News website.

Spain is rapidly becoming a hotspot for investment in energy storage. As the country continues its transition to renewable energy ...

Spain has announced a new EUR2 billion support program to accelerate clean energy development and strengthen its industrial sector. The funding will focus on four key areas: ? ...

To accelerate deployment, the European Commission approved a EUR700 million aid package for energy storage in Spain. Managed by IDAE, the program offers up to 85% co ...

Listed below are the five largest energy storage projects by capacity in Spain, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

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