

New energy storage enterprise in northwest Spain





Overview

On November 7, Shanghai Cairi Energy Technology Co., Ltd. (Cairi Energy) announced a milestone strategic decision: the establishment of its first overseas joint venture smart energy storage equipment manufacturing base and energy trading platform in Málaga, Andalusia, Spain. 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.

How will Spain increase its energy storage capacity?

Spain has launched an ambitious €700 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.

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 €1.99 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.



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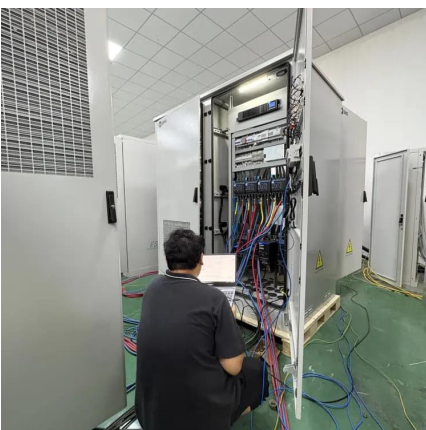


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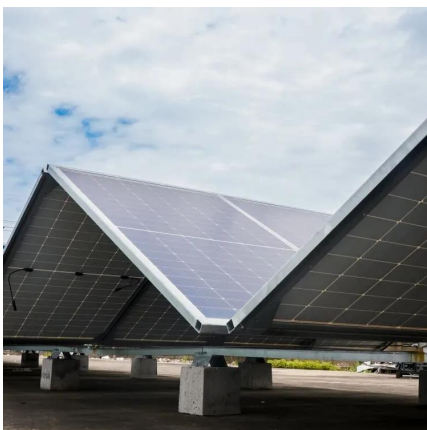
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