

Spain builds energy storage power station





Overview

Energy storage emerged as a notable component of Spain's renewable energy expansion in the second quarter of 2025, with seven energy storage plants receiving construction authorization totaling 29.3 MW, according to data from the Renewable Energy Observatory for the Digital Economy developed by Opina 360. 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.

What is Spain's energy storage program?

For stakeholders in battery storage, thermal storage, and pumped hydro, this program offers not only financial backing but also long-term stability and political support. Spain has launched a €700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy 2.5–3.5 GW of capacity.

Will Spain be able to deploy large-scale electricity storage?

The European Commission has approved a new aid scheme that will allow Spain to deploy large-scale electricity storage, both in hybridisation with renewable energy facilities and stand-alone and thermal.

How many energy storage sites are there in Spain?

Data Protection Policy The Spanish energy agency has proposed funding for 144 energy storage sites totaling 2.61 GW and 11.14 GWh under a European Regional Development Fund program.



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