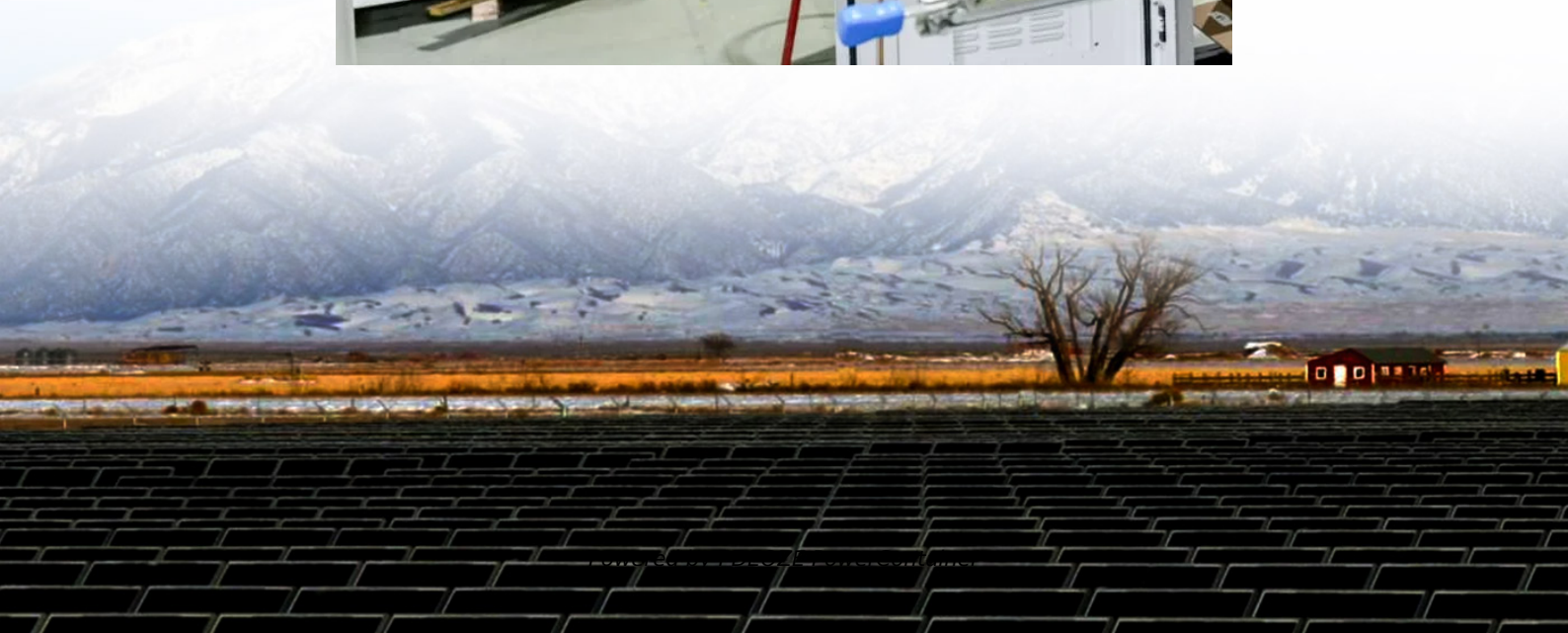


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Spain s energy storage projects in 2025



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 has Spain strengthened its energy infrastructure?

Spain has taken a decisive step in strengthening its energy infrastructure with the launch of a €700 million support scheme aimed at expanding large-scale energy storage across the country.

Does Spain need energy storage?

Additionally, Spain is strengthening policies to support the growth of energy storage. The country aims to deploy 22 GW of energy storage by 2030 and 50

GW by 2050. Currently, the total installed capacity of energy storage in Spain—covering planned, under-construction, and completed projects—stands at about 20 GW.

What does the European Commission say about energy storage in Spain?

La Moncloa. 17/03/2025. European Commission approves new 700 million aid scheme to boost energy storage in Spain [News] The Ministry of Ecological Transition and Demographic Challenge will promote the large-scale deployment of this technology by co-financing investments of up to 85%.

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