

Energy storage projects planned and under construction in 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 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.

Will Spain support new 'electricity storage projects'?

The European Commission said it will support the construction of 1,800MWh of new 'electricity storage projects' while Spain's Ministry for the Ecological Transition and the Demographic Challenge (MITECO) said it would support a total of 2.5-3.5GW of new capacity, in a separate announcement.

How has Spain strengthened its energy infrastructure?

Spain has taken a decisive step in strengthening its energy infrastructure with the launch of a EUR700 million support scheme aimed at expanding large-scale energy storage across the country.

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.

Does Spain have a state aid scheme for energy storage?

The European Commission has approved a EUR699 million state aid scheme in Spain to support the deployment of up to 3.5GW of energy storage.

In Spain, AESC is carrying out important projects, in addition to the construction of the battery gigafactory, continues to establish strategic alliances with car manufacturers in the country ...

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