

Madrid imports energy storage batteries





Overview

What is a battery energy storage system?

Battery Energy Storage Systems (BESS) play a pivotal role in supporting the wider adoption and integration of renewable energies (RE) around the world. As a result, the battery technology market is booming with c.\$35B+ invested in 2023 – with 70% growth year on year. In Spain, the Energy Storage Strategy aims for 22 GW of energy storage by 2030.

Why does Spain need more energy storage capacity?

Spain's increasing need for energy storage capacity is driven by a growth of solar and wind generation and intensified by the limited interconnection between the Iberian peninsula and its European neighbours.

Which European countries have pumped storage hydropower projects?

Among these, the IEA highlighted Spain and Austria within the European Union, which together account for 3.3 GW of pumped storage hydropower projects, even though they are much smaller countries than the Asian giant.



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