



WALMER ENERGY

Madrid Northwest Liquid Flow Energy Storage Project





Overview

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.

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.

Does Spain have a state aid scheme for energy storage?

The European Commission has approved a €699 million state aid scheme in Spain to support the deployment of up to 3.5GW of energy storage.

What is liquid air energy storage (LAEs)?

S-based power systems. Liquid Air Energy Storage (LAES) is a game changing technology which can unlock the full potential of renewable energy by making it as reliable and dispatchable as energy



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Integration of liquid air energy storage into the spanish ...

Nov 15, 2019 · The European energy transition implies a relevant increase of renewable energies in the electric power generation mix. Integrating additional renewables is becoming more ...

Spain: EUR699m EU scheme to support 2.5-3.5GW of energy storage

Mar 19, 2025 · The Nuevos Ministerios complex in Madrid, which houses several government departments include the Ministry of the Environment (MITECO). Image: Enrique Dans. The ...

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Highview Power Developing 2 GWh of Liquid Air Long Duration Energy

Highview Power, a global leader in long duration energy storage solutions, has announced it is developing up to 2 GWh of long duration, liquid air energy storage projects across Spain for an ...

Energy storage: Spain goes with the flow

Oct 17, 2024 · H2, Inc of Korea is deploying a 1.1 MW/8.8 MWh vanadium flow battery (VFB) in Spain, the largest in that country to date. The project, sponsored by the Spanish government's ...

Spain's EUR700 Million Plan to Boost Energy Storage and ...

Jun 3, 2025 · Spain's EUR700M plan adds 2.5-3.5 GW of energy storage to boost renewables, cut emissions, and strengthen the grid.

Bioforestal del Mediterraneo Partners with Mars Renewable ...

MADRID, SPAIN, Feb. 24, 2025 (GLOBE NEWSWIRE) - Bioforestal del Mediterraneo ("Bioforestal"), a prominent global renewable energy promoter, has partnered with Mars ...

Top five energy storage projects in Spain

Sep 10, 2024 · Listed below are the five largest energy storage projects by capacity in Spain, according to GlobalData's power database. GlobalData uses proprietary data and analytics to ...

Energy storage: Spain goes with the flow

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Liquid Air Energy Storage

Jun 3, 2024 · Liquid Air Energy Storage There is a global push to increase the contribution of renewable energy sources (RESs) to the energy mix. With a significant expansion in the ...

Highview Power Developing 2 GWh of Liquid Air Long Duration Energy

May 19, 2021 · Highview Power, a global leader in long duration energy storage solutions, announced today it is developing up to 2 GWh of long duration, liquid air energy storage ...

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