

# Port of Spain outdoor energy storage power supply sales factory operation

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.

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 EUR700 million energy storage program to support battery, thermal, and pumped hydro projects, aiming to deploy 2.5-3.5 GW of capacity.

How does the port of Valencia project affect the energy sector?

This project affects the energy generation, consumption and distribution component insofar as, thanks to the initiatives included in the first block, it will enable the Port of Valencia to use renewable energies in its energy mix, which is essential to achieve the objective set out here.

Does Spain have a high voltage shore-to-ship power system?

Historically, Spain has installed several Low Voltage (LV) shore-to-ship power systems which indicates that a significant market of High Voltage (HV) systems is addressable which is evident from the chart below:

Does Balearic Port Authority offer shore-to-ship power?

Balearic Port Authority together with the Port Authority of Barcelona, has offered power supply in two berths in Palma de Mallorca in December 2021 and Barcelona ports in August 2020 respectively. In addition to the pilot projects, the OPS Master Plan has been expanded to install more shore-to-ship power systems in Spain till 2025.

Why is economic sustainability important for the Port Authority of Valencia?

In financial terms, Economic Sustainability is key to fulfilling the Mission of the Port Authority of Valencia, which is why the main objective has been set as the optimisation of income, costs and investments to ensure self-financing in the short and long term.



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