

Spanish wind power project energy storage policy

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.

Does Spain support energy storage?

Spain already backs energy storage with more than EUR600 million of NextGenEU funding which was allocated as part of Spain's, post-Covid Recovery, Transformation, and Resilience Plan. From pv magazine España; a.

What are some examples of large-scale wind projects in Spain?

Reinosa Wind Project: A 300 MW onshore wind development in Cantabria is an example of new large-scale projects supporting regional growth. Offshore wind pilot projects: Although Spain currently has no commercial offshore wind farms, the government has outlined plans for floating wind projects in the Canary Islands and the Mediterranean.

Does Spain still generate more electricity from renewable sources?

Spain continues to generate more electricity from renewable sources as its renewable share of electricity rose to 50.8 percent in 2023 from 42.2 percent in 2022. According to a draft government report issued in June, Spain's goal is to raise the share of renewables to four-fifths by 2030.

Will Spain double its wind power?

Spain's new government goal to double wind capacity means it would need to almost triple wind installations from current annual rates. Because of a shorter life span than fossil fuel and nuclear plants, over one third of Spain's wind turbines must be replaced within 5 years.

Is Spain a hub for green hydrogen?

Spain is positioning itself as a hub for green hydrogen, using renewable energy to produce hydrogen via electrolysis. Projects such as the Hydrogen Valley of Catalonia and the Green Hydrogen Hub in Andalusia aim to decarbonise industry and transport sectors.

According to a draft government report issued in June, Spain's goal is to raise the share of renewables to four-fifths by 2030. The new climate plan includes higher targets for ...

Spain's total wind generation capacity, its prime renewable source in recent years, has doubled since 2008. Solar energy capacity, meanwhile, ...

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The economics of utility-scale projects likely to improve due to recent policy and regulatory changes At the beginning of 2023, the Spanish government submitted a power market reform ...

Spain's Ministry for the Ecological Transition has recently started to review approvals for numerous projects that combine PV with wind power. The ...

We explore the current landscape of renewable energy in Spain, highlighting key projects, policy drivers, investment opportunities, and the outlook for the future.

Norwegian state-owned power producer Statkraft AS has received environmental approval to add a 7.75-MW battery energy storage system (BESS) to an existing wind farm in ...

The Spanish government approved Royal Decree 7/2025 on June 24, resolving several long-standing obstacles hindering the secure and lawful deployment of energy storage ...

Wind energy capacity goals set by the NECP in Spain 2025-2030 Wind power capacity targets set by the National Energy and Climate Plan (NECP) in Spain for 2025 and ...

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 ...

El Hierro Microgrid is a 100 Percent Renewable Energy Microgrid in the Canary Islands with pumped hydro storage, wind, & hydro. Project partners include ABB

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Apart from the technical difficulties due to the depth of the seabed of our shelf waters, in the field of renewables, public policies have focused almost exclusively on solar ...

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The first of Spain's new renewable energy auctions is set to take place next week, as the country offers the possibility for bidders to include energy storage in their offers.

Spain must implement measures to boost power demand alongside faster permitting and grid approvals to meet ambitious wind and ...

To achieve these goals, the new energy strategy outlines plans for a total power sector installed capacity of

214 GW by 2030, of which 160 GW will come from renewable ...

Spanish grid operator REE has begun publishing pumped hydro and battery energy storage data, differentiating between energy generation and storage on its platforms. ...

Spain has increased its energy storage target by 2030 to 22.5GW in the latest update of its National Energy and Climate Plan (NECP). The Spanish government, through the ...

The Spanish government offers subsidies and grants for the deployment of BESS, particularly those integrated with renewable energy ...

The Spanish government has made few changes to its final 2023-2030 National Integrated Energy and Climate Plan (NECP) compared to the draft version, raising only energy ...

Spain receives EUR700 million in EU funding to deploy large-scale energy storage, boosting renewable energy integration and grid stability. Learn about the program's scope, targets, and ...

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In the search for solutions for the storage of energy generated by renewable sources, lithium-ion batteries are currently the most widespread solutions ...

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The European Commission on Monday approved a new aid scheme for the deployment of large-scale electricity storage in Spain. Subsidies will be available for ...

Northland Power Inc. today reported financial results for the three and six months ended June 30, 2025. All dollar amounts set out herein are in thousands of Canadian dollars, ...

Spain and Portugal's power outages show a critical gap in Europe's clean energy plan. BESS is key to C&I and national grid stability?

The Spanish wind energy sector has welcomed Royal Decree-Law 7/2025 as a positive step for renewable energy development, particularly for simplifying project procedures ...



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