



Successful bid price of backup power battery project in Spain 2025

How much money will Spain get from a battery project?

Some 35 battery sites with a total scale of 690.2 MW/2.82 GWh will receive EUR150 million under the program. A further 10 thermal storage sites will receive EUR6.48 million and add 88.35 MW/591.27 MWh of capacity to Spain's grid. All the projects will be operational in either 2025 or 2026.

Why do we need battery energy storage systems in Spain?

Due to the large capacity of installed hydroelectric and thermal storage systems and the resilience of the Spanish power grid, the need for Battery Energy Storage Systems (BESS) in Spain has been relatively low. The lack of a clear regulatory framework for BESS has also hindered its development in Spain so far.

How will negative energy prices affect Spain?

Two structural factors limit how negative Spanish prices can go: Limited interconnection: Spain's 3 GW link with France is isolating it from the negative price contagion in Central Europe. When German prices reach -EUR150/MWh, Spain can't import enough energy to bring the price down.

Can batteries improve the business case of wind and solar projects?

Batteries can improve the business case of wind and solar projects by providing a better utilization of the grid connection. This particularly holds in the context of Power Purchase Agreements (PPAs). PPAs are crucial to making wind and solar bankable, and Spain has been the biggest market for PPAs in Europe for years.

Which battery developers will benefit from government funding?

Battery developers to benefit from the government funding include Benbros, which has eight projects with a total 149.19 MW of project capacity under the program; FRV, which has three projects totaling 119 MW; Iberdrola (nine projects, 55 MW); IM2 Energía (three projects, 25 MW); EDP, which has a 15 MW project; and Sungrow, which has a 5 MW site.

Which SSB companies are involved in battery research?

house research, or in partnerships with, or investments in, SSB companies. European de AM4BAT, SEATBELT, HELENA, ADVANGEN, and ARISE. Lithium-Silicon batteries Lithium-Silicon (Li-Si) materials have great potential in battery applications due to their potential high energy density and long lifecycle compared to Li-ion. The

Spain and Portugal's April 2025 blackout is a warning. BESS is the missing piece in Europe's renewable transition. When the Lights Went Out in Iberia On April 28, 2025, large parts of Spain and Portugal were plunged into ...

UK-headquartered renewable energy developer, Renewco Power (Renewco), and Atlantica Sustainable



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Infrastructure (Atlantica), a sustainable infrastructure company focused on renewable energy, have entered into an agreement to ...

Over the past six months, new battery industry development projects have been confirmed in various countries across the continent. What are these plans and where would they be located?

Search all the battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Spain with our comprehensive online database.

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.

The project will link the Cenza reservoir, one of the highest in Spain, with the Bao reservoir, 690 m below. Iberdrola began testing hybrid pumping, with a system featuring a battery, at the Santiago Sil-Xares power ...

Grid firm power capacity contracts, available to cover peak demand when needed, would be allocated via auctions with successful bidders being paid a fixed monthly fee for megawatts available and a price in euro, ...

The battery industry in Spain is rapidly evolving, driven by increasing demand for electric vehicles (EVs) and renewable energy solutions. Key considerations include understanding regulatory ...

Spain's energy transition just gained massive momentum. On March 17th, 2025, the European Commission approved a EUR700 million (\$763 million) solar subsidy program to accelerate large ...

Over the past six months, new battery industry development projects have been confirmed in various countries across the continent. What are these plans and where would ...

The market energy storage in Spain, particularly in relation to the BESS systems (Battery Energy Storage Systems), is undergoing a dynamic and accelerated evolution. This ...

Battery factories are popping up across North America. Here's where they are and how the Inflation Reduction Act influenced the boom.

to unlock the immense potential of this strategically critical technology. One thing is certain, battery energy storage systems - from residential to commercial & industrial (C& I) to utility ...

Spanish Living Electricity bill alert 2025: Spanish users prepare for big price hikes in 2025 By Marc Menendez-Roche o Updated: 13 Jan 2025 o 18:13 o 2 minutes read Energy prices will increase in Spain in 2025. Credit: ...



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Europe's battery storage capacity is expected to grow around five-fold by 2030, bringing with it increasing returns for energy majors, project developers and traders, as the cost of new projects ...

Two European companies announced an agreement to jointly develop as much as 2.2 GW of battery energy storage system (BESS) projects across Spain.

The 45 battery and thermal energy storage projects allocated European Union subsidies will add more than 779 MW/3.4 GWh of capacity to the Spanish grid.

Grid firm power capacity contracts, available to cover peak demand when needed, would be allocated via auctions with successful bidders being paid a fixed monthly fee ...

CATL currently has battery plants in Germany and Hungary, and last month announced plans for a new joint venture battery plant in Spain with Stellantis.

After tumbling to record low in 2024 on the back of lower metal costs and increased scale, lithium-ion battery prices are expected to enter a period of stabilization.

Spain, blessed with abundant sunshine and a commitment to sustainability, is emerging as a leader in solar energy. As the world shifts towards renewable energy sources, Spain's solar sector is poised for significant growth ...

Until 2024, Spain had never experienced negative wholesale electricity prices. However, that is changing, and the number of negative price hours is growing faster than in France and ...

In ZGR Corporation, we will continue to be at the forefront of the most innovative battery storage solutions in 2025, as for hybridization with photovoltaic projects, wind power, industrial and stand-alone projects in ...

A 5MW/20MWh BESS project Powin and Hitachi deployed for Galp in Portugal. Image: Powin / Hitachi / Galp. Galp has kicked off construction on five new battery energy ...

As Spain races to meet one of Europe's most ambitious energy storage targets while its grid remains under scrutiny following the April 28th outage, global energy storage owner-operator BW ESS has made its entry into ...

Europe's battery storage capacity is expected to grow around five-fold by 2030, bringing with it increasing returns for energy majors, project developers and traders, as the ...

Establishing a robust ancillary services market is essential to incentivize investment and development in battery storage solutions. This will allow batteries to generate revenue through various services, such as ...



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Iberdrola España has commissioned the Araúelo III photovoltaic plant, with an installed capacity of 40 MW, the first photovoltaic project in Spain to incorporate an energy storage battery, with 3 MW and 9 MWh of capacity.

Spain's Ministry for the Ecological Transition and the Demographic Challenge (MITECO) has announced a major funding initiative worth EUR700 million to boost large-scale ...

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