

# **Large scale battery storage tender price in Spain 2025**





## Overview

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Standalone and renewables-plus-storage battery projects can apply for up to 85% co-financing, along with pumped hydro and thermal energy storage sites. Friday saw the publication of a call for applications for energy storage projects hoping to receive support from a €700 million (\$794 million).

Spain has launched an ambitious €700 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. The goal is to improve how Spain uses renewable energy.

Spain's ministry for the ecological transition said on Friday it will allocate EUR 700 million (USD 799.4m) in grants through competitive tendering to support large-scale energy storage projects in an effort to improve grid flexibility and integrate more renewables. Vanadium redox flow battery.

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-scale – are the absolute short cut to delivering the flexible, electrified energy h of newly deployed BESS.

However, despite another wet year in 2025, price spreads have risen back to 2022 levels. This effect is due to an increase in solar supply alongside stable year-over-year demand. 5. Extreme negative prices are rare Until 2024, Spain had never experienced negative wholesale electricity prices.



On March 17th, 2025, the European Commission approved a €700 million (\$763 million) solar subsidy program to accelerate large-scale battery storage deployment nationwide. This strategic move positions Spain as Europe's next hot-spot for solar energy storage innovation and a golden opportunity for. How much money will Spain spend on energy storage projects?

Spain's ministry for the ecological transition said on Friday it will allocate EUR 700 million (USD 799.4m) in grants through competitive tendering to support large-scale energy storage projects in an effort to improve grid flexibility and integrate more renewables. Vanadium redox flow battery installed at the Son Orlandis solar farm in Mallorca.

Is commercial and industrial energy storage underserved in Spain?

While Spain focuses on large-scale energy storage projects, commercial and industrial (C&I) energy storage remains underserved - a €2.1 billion untapped market (Wood Mackenzie 2024). Our modular commercial battery storage systems offer:  EU-Compliant Safety Certifications (UN38.3, CE-EMC, IEC62619) ensuring subsidy eligibility.

How does the energy storage subsidy work in Spain?

Renewables Synergy: With 42% of Spain's 2022 electricity from renewables (Eurostat), the energy storage subsidy covers storage projects integrated with solar/wind farms - critical for stabilizing green energy grids. 3.

How much grid-scale storage will Spain have in 2025?

As of early 2025, Spain has roughly 1 GWh of grid-scale storage under construction, according to industry sources. This new wave of funding could accelerate the build-out, enabling developers, integrators, and OEMs to expand their footprint in one of Europe's most promising emerging markets.

How can European policymakers help the battery storage sector?

ecomendationsHow can European policymakers help the battery storage sectorBattery storage systems are essential for strengthening the EU's energy security and competitiveness by enhancing flexibility, providing ancillary services to secure the grid, maximising the use of renewable energy, and effectively dealing with energy pr.

How does Spain's pumped hydro energy storage compete with Bess?



Spain's pumped hydro energy storage competes directly against BESS, limiting the battery storage opportunity in wholesale markets. 3. Missing ancillary markets Unlike Great Britain or Texas, Spain never created ancillary service markets that net-zero systems need:



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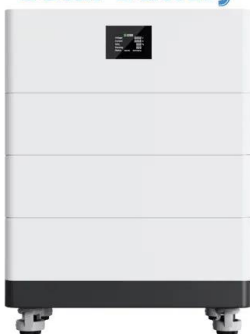
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### Spain allocating grid to renewables and storage to ...

That tender will drive deployments in the grid-scale energy storage market, with many of them set to come online in 2025 according to research firm LCP Delta, as shown in a chart in this article where executives ...

### High Voltage Solar Battery



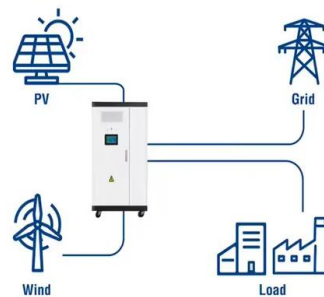
### Spain's EUR700M Large-Scale Battery Storage Subsidy Plan

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 ...

### Energy storage market analysis in 14 European ...

Volatile energy prices and the popularity of photovoltaic self-use have driven demand for residential energy storage, which is expected to continue to grow through 2030. In addition, Germany plans to hold its first capacity market ...

### Utility-Scale ESS solutions



### Greece awards 189 MW of battery storage in third ...

Greece's latest auction has awarded subsidies to 188.9 MW of standalone, front-of-the-meter, utility-scale battery energy storage. The auction was the third and final edition of a battery storage subsidy program launched in ...



### 'Italy is Europe's most interesting battery market'

Italy is the most interesting European battery market, followed by Great Britain and Germany, according to a report released earlier this week by UK-based analyst Aurora Energy Research which examined 28 European ...



### Spain Launches EUR700 Million Energy Storage Scheme to ...

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 ...



### European Market Outlook for Battery EU solar Storage 2025 ...

Although such small-scale storage systems were not previously considered a financially beneficial investment for plug-in PV, given their high upfront costs, decreasing module and battery





### Spain preps grants for energy storage and grid ...

A consultation exercise has been opened into a plan to distribute European Regional Development Fund (ERDF) cash into large-scale energy storage and grid flexibility sites and into, customer-side electricity ...

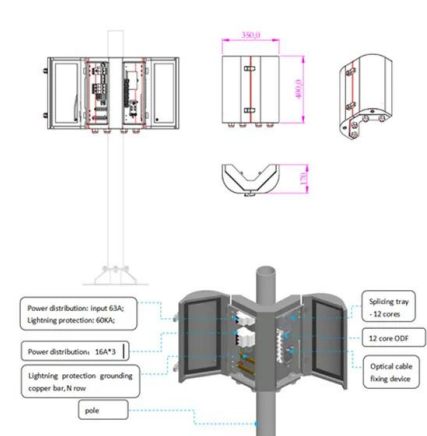


### Latest Energy Storage Tenders and Projects News , ESS News

Argentina awards 667 MW in inaugural battery storage tender In addition to awarding 30% more capacity than originally planned, Argentina's first battery energy storage ...

### China Energy Engineering Launches Record 25 GWh Storage Tender ...

Industry experts highlight that these price levels are not only a testament to China's manufacturing prowess but also signal a new era of affordability for grid-scale battery ...



### Energy storage to soar in Spain and Italy but questions remain

Italy Italy is set to be one of Europe's busiest and largest markets for battery energy storage system (BESS) deployment over the next few years, thanks in large part to its ...





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

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 ...



### [Iberia: Why are there no batteries in Spain?](#)

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 ...

### Bigger cell sizes among major BESS cost reduction ...

The scale of the reduction suggests that in addition to the falling cost of batteries--BNEF's recent Lithium-ion Battery Price Survey found that battery pack prices fell 20% year-on-year to 2024, again the biggest drop ...



- TELECOM CABINET
- BRAND NEW ORIGINAL
- HIGH-EFFICIENCY

### Zelestra and EDP sign first-of-its-kind large scale hybrid solar and

Zelestra and EDP have signed a first-of-its-kind large scale 170 MWdc and 400 MWh hybrid solar plus battery energy storage power purchase agreement in Spain.



### BW ESS, Ibersun to develop 2.2 GW of battery ...

This one-day forum is tailored for professionals planning or investing in large-scale battery energy storage systems, offering insights into key topics such as grid connection, permitting, technical planning, trading, ...



### Spain Energy Storage Program Launches with EUR700 ...

As of early 2025, Spain has roughly 1 GWh of grid-scale storage under construction, according to industry sources. This new wave of funding could accelerate the build-out, enabling developers, integrators, and OEMs to ...

### Tamil Nadu awards first large-scale battery storage project to NLC

The project awarded by Tamil Nadu Green Energy Corporation Limited (TNGECL) is the first large-scale battery storage system to come up in Tamil Nadu after the ...



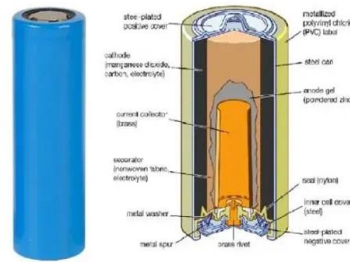
### Cost Projections for Utility-Scale Battery Storage: 2023 ...

Executive Summary In this work we describe the development of cost and performance projections for utility-scale lithium-ion battery systems, with a focus on 4-hour duration ...



### BESS in Spain: the situation of the energy storage ...

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 transformation is driven by the growing need to ...



### Zelestra and EDP sign first-of-its-kind large scale 170 MWdc

First solar plus battery energy storage PPA signed in the Spanish market will allow Zelestra to build a 170 MWdc solar and 400 MWh battery storage hybrid project to supply ...

### Argentina Launches Tender for 500 MW Battery Storage

Authorities have encouraged other provinces to replicate similar battery storage initiatives to improve energy security nationwide. By integrating large-scale battery storage, ...



### White paper BATTERY ENERGY STORAGE SYSTEMS ...

The majority of newly installed large-scale electricity storage systems in recent years utilise lithium-ion chemistries for increased grid resiliency and sustainability. The capacity of lithium ...



## Spain & Italy , BESS Premium Opportunities in Renewables

Tom Harries investigates Spain and Italy as emerging BESS markets. The IEA expects global installed energy storage capacity to expand to over 200 GW by 2030. 1 - ...



## Where are EV battery prices headed in 2025 and beyond?

Lithium-ion (Li-ion) EV battery prices have decreased dramatically over the past few years, mainly due to the fall in prices of critical battery metals: Lithium, cobalt and nickel. For example, the ...

## Zelestra and EDP sign first-of-its-kind large scale 170 MWdc

The construction of the hybrid project in Trujillo, Extremadura, Spain, will begin in the second half of 2025. This leading product comes to address the significant market needs ...



## PowerChina receives bids for 16 GWh BESS tender ...

The large-scale centralized procurement aims to secure resources for PowerChina's renewable energy projects and align with China's green energy transition goals. Analysts regard this tender as a landmark for ...



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