

# Successful bid price of enterprise ESS system project in Italy 2025





## Overview

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The February 2025 auction, for the 2027 delivery year, assigned approximately 38 GW of existing capacity and nearly 600 MW of new capacity, over 90% of which was BESS. The equilibrium price stood at around €47,000/MW/year: not explosive but sufficient to ensure project stability. Is MACSE a good investment for 2025?

2025 is set to see a rapid growth in investment in the Italian energy storage sector, led by battery energy storage systems (BESS), with the implementation of MACSE. The eagerly anticipated procurement exercise will offer a stable, predictable premium over 15 years, making it particularly attractive for risk-averse investors.

Is Bess a good investment in northern Italy?

While Northern Italy currently has the largest installed BESS capacity in the country, a build-out of RES in the South is increasing energy price volatility, creating a more compelling investment case for BESS in this region.

What is the business case for Bess in Italy?

Revenue Streams for BESS: The business case for BESS in Italy is underpinned by four main revenue streams: wholesale trading, the Ancillary Services Market (MSD), the Capacity Market (MC), and the new energy storage subsidy scheme (MACSE).

How will MACSE tender targets affect Bess investors?

MACSE tender targets will adapt to the zonal need for storage, but market inefficiencies in predicting fundamental value drivers (e.g., RES buildout, lack of flexibility, interconnection constraints) will likely create locational merchant upside for BESS investors.

When will PHES & Bess be auctioned in 2024?

Announced October 11, 2024, the auction brings 15-year contracts for BESS



and 30-year contracts for PHES to the table. The EU is backing this transformation with an impressive €17.7 billion package, targeting that 50GWh storage goal by 2030.



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### Italian 2027 Capacity Market Auction: MACSE's impact & the BESS success

On 26 th February 2025, Terna held Italy's Capacity Market (CM) auction for the 2027 delivery year, assigning 38 GW of derated capacity (CDP) in 1-year contracts and almost ...

### Italy to hold first energy storage capacity auctions in ...

The energy minister of Italy has signed a decree paving the way for an energy storage capacity auction to kick off in the first half of 2025.



### List of Upcoming Grid-scale/Utility Scale Energy Storage System (ESS)

Search all the announced and upcoming GUSESS projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Italy with our comprehensive online database.

### [CASHFLOWS Revenue stack MACSE-selected project](#)

Considering a 7% IRR as a target and based on a series of different costs for the energy component (in EUR/kWh), the 8-hour system maintains dominance in terms of competitive bid

...



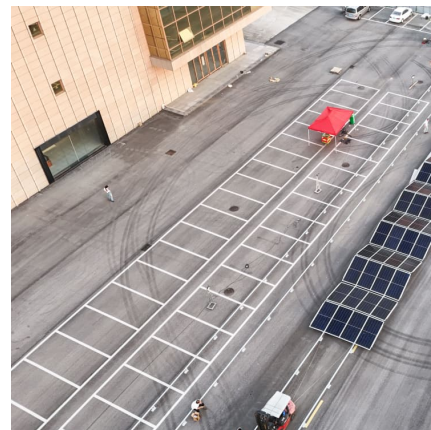
[Marketwatch: Italy 'most vibrant' European storage ...](#)

Italy forecast to deploy more storage capacity than any other European nation in 2024 BW ESS, Emeren, Nuveen, Energy Vault, Octopus & Pacific Green among players to have made moves in Italian market in last year ...



**Latest Ongoing Grid-scale/Utility Scale Energy Storage System ...**

Search all the ongoing (work-in-progress) GUSESS projects, bids, RFPs, ICBS, tenders, government contracts, and awards in Italy with our comprehensive online database.



[Jinko ESS Secures Grid-Scale Energy Storage ...](#)

The projects will deploy Jinko ESS's G2 5MWh liquid-cooled containerized systems in October 2025 and in March 2026 respectively, providing frequency regulation and renewable energy integration services for Italy's ...





### Latest Grid-scale/Utility Scale Energy Storage System (ESS) Projects ...

Find the Latest Grid-scale/Utility Scale Energy Storage System (ESS) Projects in Czech Republic Region with Ease. Discovering and tracking projects and tenders is not easy. With Blackridge ...



### Price cap of 1.05 yuan/Wh! Tender for EPC of 200 MWh User-side ESS ...

Polaris Energy Storage Network News: On May 14, Chongqing Liangjiang Changxing Power Co., Ltd. issued a tender announcement for the EPC of user-side ESS ...

### Huawei Digital Power's All-Scenario Grid Forming ESS ...

The platform defines the golden standard of grid-forming capabilities: Grid forming ESS can adapt to any BESS SOC status, any grid SCR, and at any time, while supporting ...



### [SECI Invites Bids for 125 MW/500 MWh Battery ...](#)

The successful bidder will be awarded the project and will be responsible for the delivery of the contracted capacity, as outlined in the Battery Energy Storage Purchase Agreement (BESPA). The total contracted capacity ...



### [BW ESS, ACL Energy to develop 2.9 GW of stand](#)

...

BW ESS and ACL Energy have announced an expansion of their stand-alone BESS project portfolio in Italy, bringing their total development pipeline to 14 projects representing 2.9 GW of capacity across Italy's North and ...



### **Italian energy storage auction MACSE postponed until ...**

Italian transmission system operator (TSO) Terna said that Italy's first energy storage capacity procurement mechanism (MACSE) will be postponed until September 2025.

### [Forecasting the Development of Italy's Energy ...](#)

In the first quarter of 2024, the global energy storage market continued to show positive growth trends. Specifically in Europe, Germany, Italy, and Spain sustained rapid growth in their energy storage sectors. Notably, ...





### Latest Grid-scale/Utility Scale Energy Storage System (ESS) Projects ...

Increase Your Bid-Hit Ratio with Early Identification of Grid-scale/Utility Scale Energy Storage System (ESS) Projects in Italy. Don't miss out on new opportunities by waiting for them to ...

### Italy's MACSE auction will reshape the Italian storage market

First up is the lithium-ion battery energy storage systems (BESS) phase, launching in early 2025, with pumped hydro energy storage (PHES) projects following in a ...



### The Upgrade of 314Ah ESS Battery Cells Is Accelerating in the ...

First, on March 14, the bid for the 1.5GW/6GWh ESS procurement project by Xinjiang Huadian was opened. The project, divided into six sections, includes grid-forming and ...



### Enterprise Systems , SpringerLink

Enterprise systems (ESs) are essential tools for modern organizations, enabling them to achieve greater efficiency, transparency, and agility. However, their successful ...



### China's Huadian announces winners in 6 GWh BESS tender with average bid

In December, PowerChina's 2025-2026 energy storage system procurement, which sought 16 GWh of BESS, saw bids ranging from \$60.5/kWh to \$82/kWh, averaging ...

### Overview

Common position on the future and strategic priorities On 21 May 2025, the European Statistical System Committee endorsed the ESS common position on the future and strategic priorities of European statistics. It defines the following ...



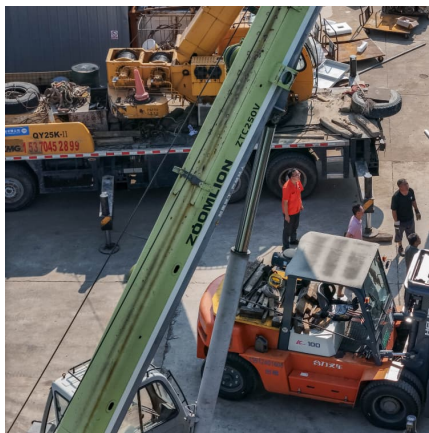
### The Upgrade of 314Ah ESS Battery Cells Is Accelerating in the ...

This indicates that ESS centralized procurement is shifting from "price priority" to "quality priority." Regarding battery cells, since H2 last year, 314Ah cells have frequently ...



### Italy's MACSE auction will reshape the Italian storage ...

The stakes are high - it's about accelerating Italy's renewable energy transition and opening major doors for developers in the electricity market. Announced October 11, 2024, the auction brings 15-year contracts for BESS ...



### AMERICAN SYSTEMS awarded \$39M DHA PEO-DHMS Enterprise ...

Updated April 2, 2025 DHA details timeline for Enterprise Software Services (ESS) Next RFP, rationale for \$27M PEO DHMS Bridge award to AMERICAN SYSTEMS ...

### [Energy storage more than half of new Italian grid ...](#)

Share From ESS News The results of Italy's main grid capacity market auction for 2025, published by Terna, show that energy storage represented 51.1% of the 174 MW of new capacity assigned.



### [CEA: Trade barriers set to see U.S. BESS prices ...](#)

2025 is likely to see battery prices surge in the United States on the back of increases in tariffs and duties imposed on battery energy storage systems and their components from China. While lithium iron phosphate (LFP) ...



### [Energy storage more than half of new Italian grid](#)

...

The results of Italy's main grid capacity market auction for 2025, published by Terna, show energy storage represented 51.1% of the 174 MW of new capacity assigned.



### [China's Huadian announces winners in 6 GWh BESS ...](#)

In December, PowerChina's 2025-2026 energy storage system procurement, which sought 16 GWh of BESS, saw bids ranging from \$60.5/kWh to \$82/kWh, averaging \$66.3/kWh.

### **MACSE auction to take place on September 30, Italy's ...**

Terna calculated Italy will need 10 GWh of energy storage capacity to maintain reliable grid electricity supply in 2028. That figure, or slightly less, will be the amount available to developers who participate in the country's ...



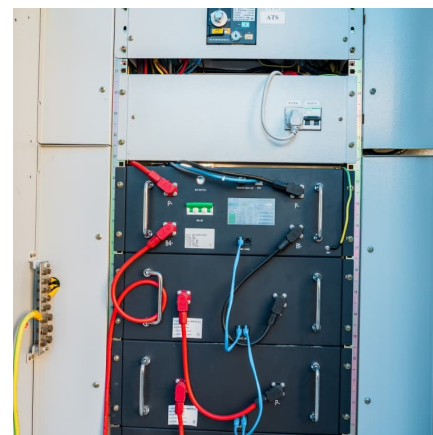


### [Terna allocates 43 GW in Italian capacity market](#)

Italy's transmission system operator (TSO) Terna has announced the results of its capacity market auction for the delivery year 2027. It has allocated 38.04 GW of existing capacity, 0.59 GW of new capacity and ...

### [Energy Storage Systems \(ESS\) Projects and Tenders](#)

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### [Update on Italian BESS investment case & MACSE ...](#)

2025 is set to see the start of a surge in Italian storage asset investment, led by BESS. The catalyst for this is the implementation of the new MACSE policy support mechanism, offering 15 year indexed contracts on up to ...

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