

# Household energy storage tender price in Italy 2025

When will Italy's new energy storage capacity procurement auctions take place?

Terna's thinking ...The date is set. The first of Italy's new energy storage capacity procurement auctions (MACSE) will take place on September 30,2025,Terna's president for grid development strategies,Francesco Del Pizzo,has confirmed.

How much does energy storage cost in Italy?

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. Thermoelectric plants made up the balance,with the new capacity secured for EUR67,500 (\$72,900)/MW per year,for a total cost of EUR11.75 million.

How much storage capacity will Italy need by 2030?

Namely,according to the updated scenario developed by gas company Scam and power grid operator Terna,Italy will need 72 GWhof storage capacity by 2030 to meet the EU's "Fit for 55" package goals. Around 50 GWh of this capacity will be allocated to new utility-scale systems supported by MACSE to complement the growing penetration of renewables.

How much storage capacity does Terna need for 2028?

Terna has identified a target of 10 GWhof additional storage capacity for 2028 to be financed through MACSE. The maximum and minimum requirements for each of the 6 MACSE zones are summarised in Chart 1. Some important context on volume procurement:

What does a 15-year contract mean for energy storage?

The mechanism, offering 15-year contracts on up to 100% of asset capacity, aims to support the installation of energy storage necessary to achieve the country's renewable energy target of 131 GW by 2030.

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.

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 ...

The tender follows February's "Document No. 136" from the National Development and Reform Commission (NDRC), which removed mandatory energy storage ...

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Over the past two to three years, overseas customers have increasingly prioritized the economics and stability of electricity consumption, thanks to favorable policies in ...

5 &#0183; Latest Italy tenders and bids. Source new opportunities with the biggest and most comprehensive platform for Italy etenders and eProcurement. Track over fifty thousand verified tenders from public and private authorities in ...

2 &#0183; Recently, the Italian Ministry of Environment and Energy Security (MASE) introduced "non-price" criteria for photovoltaic projects under the "Fer X Transitorio" program, explicitly ...

Italy's battery storage market has become one of the largest and most dynamic in Europe Italy has both a rapidly growing utility-scale market as well as a flourishing customer-sited battery ...

Following the resounding success of the 2nd edition in 2025, RENMAD STORAGE ITALIA is back--bigger and better than ever! Join us on April 15-16, 2026 for the 3rd edition of Italy's leading event on energy storage.

Italy plans to begin refilling its natural gas storage facilities early this year to avoid potential price spikes during the summer months.

The residential energy storage market is expected to continue to contract in 2025, impacted by factors such as Eco-bonus subsidy cuts, falling electricity prices, and high ...

Key steps are as follows: The first MACSE auction will take place on the 30 th September 2025, targeting 2028 as first capacity delivery year. MACSE participation request ...

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

Clean Horizon releases its 2025 energy storage price forecast for Italy, covering MACSE auction details, business models and revenue streams.

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.

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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, ...

In the country's 16th renewable energy procurement exercise, the lowest bid came in at EUR0.07199/kWh and was offered for a 2.7 MW solar facility in the province of Ancona, ...

Based on data from ANIE, it's worth noting that in Q1 2023, a total of 80,200 units of grid-connected household storage systems were installed in Italy. This represents an astounding year-on-year increase of 479% and ...

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking-installations, and bringing ...

The European home battery storage market is rapidly evolving--not only in volume but also in how products are designed, installed, and integrated. For installers and energy solution ...

As of 2025, the global energy storage industry hits a staggering \$33 billion annually [1], and Italy--with its ambitious renewable energy targets--is becoming Europe's dark horse. But what ...

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 ...

The energy sector continues to be a cornerstone of Italy's economic and environmental strategy, driving resilience and innovation amidst global market challenges. As the country aligns with European climate ...

In the country's 16th renewable energy procurement exercise, the lowest bid came in at EUR0.07199/kWh and was offered for a 2.7 MW solar facility in the province of Ancona, central Italy.

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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 ...

China Energy Engineering Corporation's landmark procurement signals a shift toward market-driven energy storage, with bids reflecting aggressive cost-cutting and rising industry consolidation.

The Italian energy storage market is expected to experience its second consecutive year of decline in 2025, with new installations falling to 5.1 GWh and further ...

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This tender is from the country of Italy in Europe region. The tender was published by SOGIN S.p.A on 28 Aug 2025 for C0271S25\_Open procedure for the concession ...

Conclusion The build-out of renewable energy storage is a fundamental step for Italy to achieve its 2030 decarbonisation targets. This build-out presents a challenge in the form of higher variable renewable electricity on ...

In part 1 of our series on backup power in Europe, we named Italy as one of the most attractive European countries for BESS investments. The Italian electricity sector is ...

In 2024, SECI awarded its first Solar plus energy storage (ESS) tender. The tariff for this project was discovered at Rs. 3.41/kw for a 1.2 GW project. The lowest bid under BOO ...

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