

BESS tender price in Italy 2030





Overview

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.

How much Bess capacity will Italy have by 2030?

That is why Italy aims to add 15GW of BESS capacity by 2030 (of which 11GW should be standalone and 4GW co-located). As of March 2025, Italy has got 1GW of grid-scale BESS capacity online, placing the country in third place in Europe (shared with Ireland) in terms of installed capacity, behind Germany (1.6GW) and the UK (5.6GW).

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 is the Italian government aiming for 15GW of Bess capacity?

The Italian government is aiming for 15GW of BESS capacity by 2030 to maintain security of supply. The Italian government, regulator, and Transmission Service Operator (TSO) are creating an attractive regulatory environment for BESS by offering multiple incentive schemes and updating the grid code.

Why is Terna launching a Bess project in 2025?

To attract more BESS capacity, the Italian regulator and Transmission Service Operator (TSO), Terna, are offering contracted revenue streams for BESS projects. As of early 2025, this has resulted in two waves of BESS projects coming online.



Is the bid price decision mechanism a profitable market for Bess operations?

The analysis reveals that the price fluctuations and narrow spreads in the MGP market do not provide sufficient opportunities for profitable arbitrage, rendering it an ineffective market for BESS operations. Additionally, the results highlight the fundamental impact of the Bid Price Decision Mechanism on the economic performance of the battery.



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[How Italy is Driving BESS Investment](#)

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SUSI's ReFeel wins 52 MWp of BESS capacity in Italian tender

ReFeel New Energy, a portfolio company of Swiss fund manager SUSI Partners, has been awarded a 15-year capacity market contract for a 52-MWp/207-MWh battery energy ...



BESS Investment in Italy: Which Market Option is Best?

Italy's ambitious renewable energy targets present significant challenges for system security. A substantial portion of growth is expected in southern regions and islands, areas already facing critical grid flexibility issues.

BESS in Italy: Huge growth market faces CE mark ...

Italy's regulations around battery certification, for both smaller-sized battery storage and large-scale BESS, are seeing significant changes. A mandatory requirement for the CE mark for product conformity comes into ...



'Italy is Europe's most interesting battery market'

Italy placed top for its 50 GWh battery capacity target, set for 2030, and because it has already enabled BESS to participate in the market for providing ancillary services to bolster grid stability.



Italy 'is route into BESS for capital that is excluded ...

Terna is the Italian TSO and is driving the grid-scale storage market in Italy by opening up business opportunities for the technology. Image: Terna. The energy storage market in Italy has unique characteristics that mean ...



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.





Latest Energy Storage Tenders and Projects News , ESS News

Argentina's oversubscribed BESS tender draws record-low bids The Argentine Energy Secretariat has received significantly more bids than expected for its public call to ...



Italy needs 71GWh of new grid-scale energy storage ...

An operational PV plant in Italy. Image: NextEnergy Capital. A total of 71GWh of new grid-scale energy storage needs to be deployed in Italy by 2030 for it to decarbonise its energy system in line with the EU targets. ...

Update on Italian BESS investment case & MACSE ...

Italian BESS investors are now focusing on business models & MACSE bidding strategy 2025 is set to see the start of a surge in Italian storage asset investment, led by BESS.



LCP Delta: Italy will add 9 GW of front-of-the-meter batteries by 2030

The CM is currently awarding contracts for target capacity by 2028, which will impact both the volumes needed for MACSE [auctions] and the pricing level. Do you think the ...



Modelling and Analysis of BESS Operations in Italian ...

The primary objective was to assess the effectiveness and feasibility of BESS operations in the MGP under varying market conditions and the influence of advanced price prediction ...



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 ...

BESS dominate new wins in capacity markets in Italy and Belgium

A render of Engie's Kallo BESS in Belgium which won a contract. Image: Engie. Capacity market auctions have concluded in Italy and Belgium and battery energy storage ...



BESS industry gears up for Italy market kick-off with first MACSE

Obviously there are declining prices as expected in any CM as you add capacity, but there is definitely a focus on more flexibility and the participation of BESS.



White paper BATTERY ENERGY STORAGE SYSTEMS ...

acity, spread across Germany, Spain, Portugal, Italy, Greece, Belgium, the Baltics and Nordics. Aquila Clean Energy is targeting more projects in these markets as well as new opportunities ...



Energy Storage Systems (ESS) Projects and Tenders

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MACSE auction: A game changer for Italy's energy ...

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 ...



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