

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).

What happened at the 2026 Italian capacity market auction?

The 2026 Italian Capacity Market auction assigned 42.8 GW of derated capacity and saw awarded prices for new capacity dropping to 56.2 EUR/kW, while clearing prices for existing capacity remained at the price cap. I consent to my submitted data being processed and stored by Timera Energy in compliance with our Privacy Policy.

How much Bess capacity does Italy have in 2025?

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). Another 1.75GW is under construction, projects totaling 230MW have obtained permits, and 1.2GW of new BESS capacity has been announced.

Did Terna hold a capacity market auction in 2026?

On 18th December 2024, Terna held the Italian Capacity Market (CM) auction for the 2026 delivery year, assigning 42.8 GW of derated capacity (CDP) as follows: 4.4 GW foreign capacity (mainly from Northern borders). The auction results mirrored those of 2025, with similar capacity proportions.

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.

On 27 February 2025, the Italian Ministry of the Environment and Energy Security published the so-called Transitional FER X Decree (Transitional FERx). This decree marks a significant advancement in Italy's ...

The new tender mechanism is likely to replace the Italian capacity market (the main support mechanism to date) as the primary source of BESS support. Investment in merchant BESS capacity is set to be more ...

Last May 31, a new draft of the so-called FER X Decree was circulated, which is again aimed at providing incentives for the construction of power generation plants from the ...

Energy-Storage.news" sister site Current± reported the full results earlier this week of the UK's T-4 Capacity Market auction, awarding contracts beginning in the 2025/2026 window. It cleared at a record high price ...

With most renewable energy PPAs signed for long terms of 10 years or more, the mitigation of risks, such as negative prices, becomes critical. Pierre Bartholin, head of power hedging at Nuveen Infrastructure, tells ESS ...

On Feb. 26 Terna announced the results of its capacity market auction, allocating 43 GW for the delivery year 2027, for more than EUR1.847 billion. Industry insiders ...

Petra said the inaugural development of BESS will offer a capacity totalling 400 megawatts (MW) and 1,600 megawatt-hours (MWh). The ministry explained that the BESS development will be divided into four ...

The market had got into motion with an ancillary services tender, for fast reserve frequency regulation held in 2020, in which 250MW of contracts were awarded to BESS projects.

The contract is worth EUR47,000 (US\$49,000) per MW per year for both new and existing resources (foreign ones get a different price) and the bulk of capacity was in the North ...

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 ...

Consumers face a Single National Price or "PUN", the weighted average energy price across these zones. There have been discussions around phasing out the PUN and transitioning to a zonal price for consumers; ...

BESS dominates new capacity in latest Capacity Market auctions as the now confirmed MACSE shapes market dynamics, with CM marginal price equal to 47EUR/kW.

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 ...

On 25 July 2024, the Bulgarian Ministry of Energy closed the open discussion on the terms and conditions for the upcoming battery energy storage system (BESS) tender, ...

The Ministry of Energy Transition and Water Transformation (PETRA), through the Energy Commission (EC), has launched an open bidding program for the acquisition of ...

The Elemens Italy BESS Index is the first performance indicator for spot market revenues of stand-alone utility-scale batteries operating in the Italian electricity system.

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