

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).

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 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.

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.

Can a Bess financing mechanism unlock long-term revenue streams?

In the article, Ivano Saltarelli and Daria Buonfiglio explain how this custom-designed mechanism - specifically built for the Italian energy context - is set to unlock stable, long-term revenue streams for standalone BESS projects, making it an innovative tool to unlock financing for BESS projects.

Does Italy's Bess market hit a milestone?

Italy's BESS Market Hits a Milestone We're proud to see Green Horse Advisory featured in the latest edition of Project Finance International (PFI) - one of Europe's most respected financial publications - for our insights on the upcoming MACSE tender.

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News | 19.6.2025 Korkia's project portfolio in Italy has achieved a significant milestone in recent months. Three solar power plant projects and one Battery Energy Storage System (BESS) ...

Battery energy storage systems (BESS) store electricity and flexibly dispatch it on the grid. They can stack revenue streams offering arbitrage, capacity and ancillary services ...

Neoen and Nidec announced construction of a 9 MW/93.9 MWh BESS - the largest BESS project in both Sweden and all of Northern Europe. It is expected to enter operation in the first half of 2025. BESS remained the ...

Co-authored by Harry Brunt, a partner in our Energy and Infrastructure team, and Dan Roberts of Frontier Economics Introduction In this article we consider the role and ...

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 system (BESS) projects won the lion's ...

The construction of a 43 MWh BESS system is part of the EUR61.5 million non-recourse financing obtained by Recurrent Energy, which also includes a 124 MW solar portfolio.

This is the latest partnership between the IPP and a subsidiary of Spanish financial firm Santander, following one of its subsidiaries' financing of a European solar and BESS portfolio last...

Why securing project finance for energy storage projects is challenging It has traditionally been difficult to secure project finance for energy storage for two key reasons. Firstly, the nascent ...

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 ...

BESS, or battery energy storage systems, are an essential element of the energy transition: the Enel Group is playing an important role in the growth of the sector, in Italy and in the other countries where it is present.

Capacity Market auctions are coming up first (late 2024 and early 2025), while MACSE auctions follow in the first half of 2025. This means investors face a choice: jump into the capacity market early or hold out for ...

In autumn 2024 two draft regulations were published regarding state aid for large-scale electricity storage systems (BESS), one from the Modernisation Fund ("MF ") 1 - and the second under the National Recovery ...

Italy is in the process of implementing a unique support scheme for storage investors. The system operator (Terna) will tender for 15 year fixed price contracts for up to 100% of BESS capacity.

Battery energy storage systems (BESS) can help address the challenge of intermittent renewable energy. Large scale deployment of this technology is hampered by perceived financial risks and lack of secured ...

Terna estimates Italy will need 71GWh of new grid-scale energy storage by 2030. While the opportunities there mean a lot of interest and project development activity--with numerous pipeline announcements in 2023 and ...

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