

Successful bid price of containerized BESS project in Italy 2025

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.

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 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.

How much does a Bess project get paid?

The BESS projects that secured a Fast Reserve contract need to provide the service from 2023 to 2027 for 1000 hours per year and can operate in other markets for the remaining 88% of the year. In compensation, projects receive between EUR 23,500 per MW per year and EUR 61,000 per MW per year, depending on their location.

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.



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