

Successful bid price of residential ESS project in Italy 2026

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.

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).

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.

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.

Right now, battery storage projects aren't making enough money without some form of government support in Italy - that's why choosing between these market mechanisms is so crucial. The capacity market in the ...

Civil engineering and non-residential building saw robust growth in both 2023 and 2024 (see chart below). Both segments benefited from the willingness of governments worldwide to champion ...

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Construction projects are secured through the construction bidding process, where a project owner seeks to build and contractors offer their services to fulfill the job. While ...

In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented ...

A Hybrid MACSE strategy with its flexibility in shaping merchant-risk exposure becomes more attractive in this context, even due to the shrinking clearing prices in the latest ...

The grid company published the results of its 2026 Capacity Market auction, two weeks ago, revealing batteries contributed 60% of the 140 MW of new grid project capacity awarded. The 2027 auction will include valid ...

With just over a year remaining until the 2026 Winter Olympics in Milan and Cortina d'Ampezzo, Italy faces an uphill struggle to meet its commitments. Originally presented ...

A render of a BESS project that was provided by BW ESS when the partnership was initially announced in February. Image: BW ESS. BESS owner-operator BW ESS and developer ACL Energy have expanded their ...

Italian grid operator Terna has published an FAQ document to clarify some of the aspects of the "Macse," energy-storage system (ESS)-dedicated national auction planned for September.

Partners' pipeline of mid-stage BESS projects in Italy now stands at 14 projects and 2.9 GW 21st November 2024, ZÜRICH/MILAN -- BW ESS and ACL Energy have announced a significant expansion of their joint ...

The projects will deploy Jinko ESS's G2 5MWh liquid-cooled containerized systems in October 2025 and in March 2026 respectively, providing frequency regulation and ...

A request for proposals (RfP) has been drawn up for around 450 MW of storage capacity in Michigan and Tennessee Valley Authority (TVA) wants a 100 MW battery energy storage system (BESS) for its new 1.55 GW gas and ...

Recently, Jinko ESS has successfully won two 5MWh grid-scale energy storage projects in Italy, marking its official entry into the Italian large-scale storage market. The ...

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Just last week (24 February), agritech firm N2OFF acquired two 98MW/392MWh projects in development from developer Solterra. Utility Enel is the only company actively in ...

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 ...

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