

BESS an solar container outdoor power in Milan Italy





Overview

Does Italy need energy storage?

The partnership's growth aligns with Italy's accelerating renewable energy expansion, and thus need for energy storage. According to Terna, the Italian transmission system operator, the country added 2.9GW of wind and solar capacity in 2022, 5.7GW in 2023, and another 5.4GW in the first nine months of 2024.

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.

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).

When will a Bess plant be built in Italy?

Between April and June 2023, we started the construction of new BESS plants in several Italian regions, with a total capacity of 1.6 GW expected by the end of 2024. Many of these plants are located on the sites of old thermal power plants, and this is a virtuous example of the circular economy. Nor does innovation stop here.



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Italy: BESS wins nearly 600MW of contracts in 2027 capacity ...

BESS technology has won the bulk of new resource contracts in the capacity market (CM) auction for delivery in 2027 in Italy.

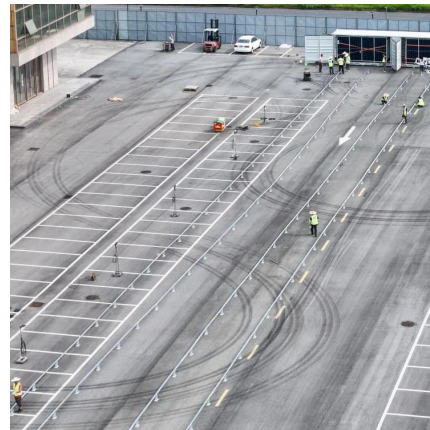


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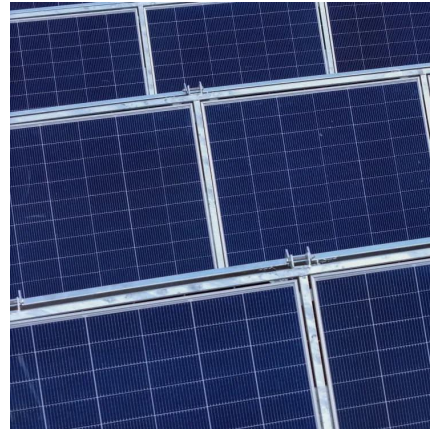
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