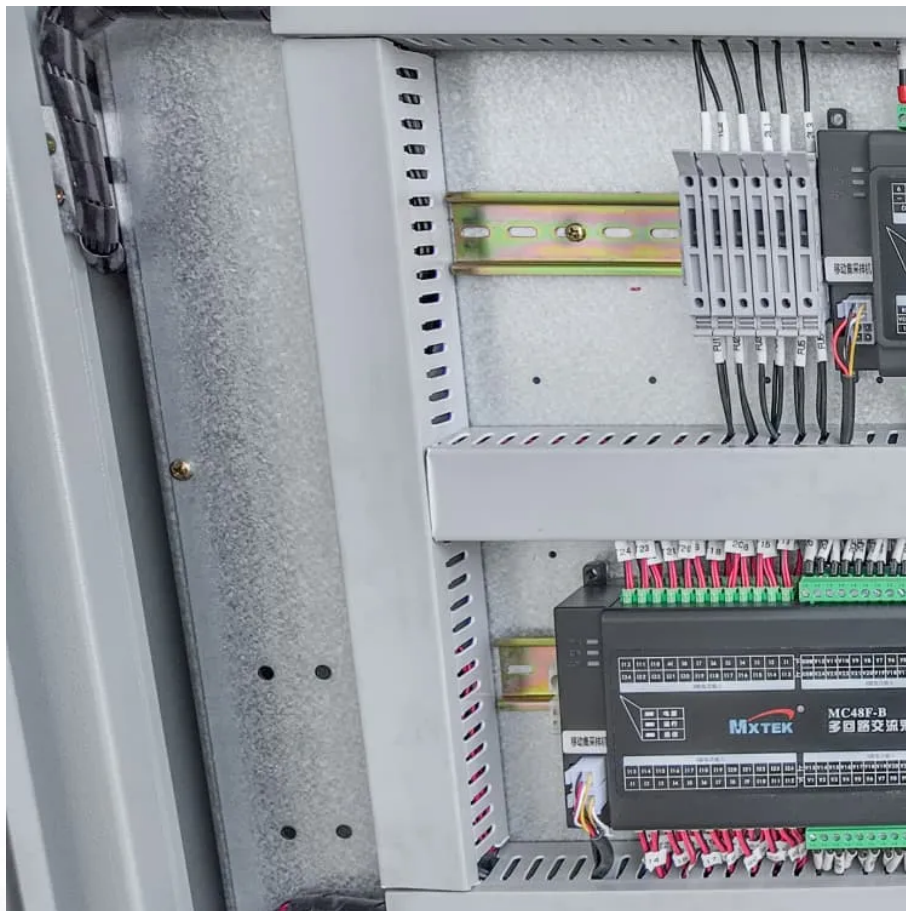


Italian container energy storage station BESS





Overview

How big is Bess in Italy?

BESS capacity development Total BESS installations in Italy now exceed 6 GW / 14 GWh, but this is mostly behind-the-meter storage co-located with rooftop solar in the North zone. Terna's plans aim for over 70 GWh by 2030 to achieve Italy's NECP RES targets — a fivefold energy capacity increase (Chart 2).

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).

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.

Is Italy a good place to invest in battery energy storage system?

I consent to my submitted data being processed and stored by Timera Energy in compliance with our Privacy Policy. Italy has emerged as one of the most attractive European markets for Battery Energy Storage System (BESS) investment. Much of the attention has centered around the bankability opportunity offered by the MACSE capacity payment scheme.



What are Italy's energy storage goals?

Energy Storage Goals: To balance the grid with increased renewable energy, Italy targets 11 GW / 58 GWh of grid-scale energy storage capacity by 2030, requiring substantial investment and development.



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