



# Expected ROI of solar with battery project in Italy 2025

Will Italy increase its solar power capacity in 2024?

In its most recent National Energy Climate Plan (NECP), Italy aims to increase its solar PV capacity from 36GW at the end of 2024 to 80GW in 2030. Wind generation capacity should increase from 13GW in 2024 to 28GW in 2030. Combined, this would entail a 60GW increase in intermittent generation capacity.

How can I get involved in the Italian solar market?

Get involved in the Italian solar market by attending the debut edition of Solar & Storage Italia- taking place 8-9 October. Italy's solar market has grown from 4,000 MW in 2005 to over 26 GW in 2023, driven by strong policies and cutting-edge technologies.

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 Italy a good place to invest in backup power?

In the third part of our series on backup power in Europe, we examine the lucrative BESS investment landscape of Italy. In part 1 of our series on backup power in Europe, we named Italy as one of the most attractive European countries for BESS investments.

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.

Will wind generation capacity increase in 2024?

Wind generation capacity should increase from 13GW in 2024 to 28GW in 2030. Combined, this would entail a 60GW increase in intermittent generation capacity. Integrating this amount of intermittent generation capacity requires a lot of flexibility on the grid.

Sunshine, Savings, and Spaghetti Western-Style ROI "Ciao to solar-powered limoncello! Italy's 2025 solar revolution isn't just about saving the planet--it's about fattening your wallet faster than Nonna's lasagna. With the Superbonus ...

Italy is "very different" "Italy is one of the most exciting markets for battery investors. It provides a route into battery energy storage systems (BESS) for a lot of capital that is pretty excluded from other markets," said ...



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