

How much energy storage is installed in Italy?

As of 30 June, 2023, a total of 3,045 MW and 4,893 MWh of energy storage is installed in Italy according to ANIE Rinnovabili, the national trade body representing the renewable and clean energy sectors. The energy storage market in Italy doubled in capacity in the first half of the year, though Q2 saw the first slowdown in nine quarters.

What's going on with battery energy storage in Italy?

Since it went to press, regulators in Italy approved new auction rules for grid-scale storage and gave the green light to a 200 MW/800 MWh battery energy storage system (BESS) project from UK developer Aura Power, while Eni Plenitude brought a 15 MW BESS online.

Is Italy a good market for large-scale energy storage?

Alongside the MACSE auction, they touched on grid, project development and opportunities for software and optimisation providers. Mahael Fedele, Partner, CEO of Sphera Energy, said that Italy has several unique characteristics that make it an exciting market for large-scale storage. "The country obviously needs energy storage.

What are Italy's energy goals?

Italy's ambitious energy goals, outlined in the National Integrated Energy and Climate Plan (PNIEC), mark a transformative shift toward renewable energy. By 2030, the country is targeting 28 GW of wind power and nearly 80 GW of solar capacity, making energy storage essential for ensuring grid stability and maximizing renewable integration.

How many storage systems are there in Italy?

More in detail, 311,189 storage systems were present in Italy in mid-2023, with a total power of 2,329 MW and a maximum capacity of 3,946 MWh. Terna (the high voltage grid operator) also holds systems totaling 60 MW in power and 250 MWh in capacity.

How will Italy invest in electricity storage?

Italy will promote investments in utility scale electricity storage to reach at least 70 GWh, and worth over Euro 17 bn, in the next ten years. The new storage capacity will be acquired through tenders published by Terna, the manager of Italy's high voltage grid. The next tender will be released in 2024.

The energy storage market in Italy doubled in capacity in the first half of the year, though Q2 saw the first slowdown in nine quarters and that could be repeated in H2, according to the country's renewable energy trade ...

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"There is also a clear regulatory push with an ambitious plan for energy storage deployments, which is huge compared to other markets in Europe. Italy is also fundamentally open to foreign investment compared to ...

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