

Italian energy storage device prices

How much will Italy's energy storage program cost in 2023?

In December 2023, the EU greenlit Italy's energy storage program, earmarking a hefty investment of EUR17.7 billion. This initiative is anticipated to facilitate the construction of over 9GW/71GWh of energy storage systems (ESS).

What is Italy's energy storage structure?

Italy's energy storage structure is also dominated by residential storage, which accounts for more than 80% of new installations. In December 2023, the EU greenlit Italy's energy storage program, earmarking a hefty investment of EUR17.7 billion.

Why is Italy the second-largest storage market in Europe?

This unique combination of high electricity demand and elevated prices, coupled with the longstanding government initiative known as the Superbonus scheme, established two decades ago, has propelled Italy to the forefront of the European market for residential storage, securing its position as the second-largest market.

How much storage capacity will Italy have in 2023?

According to TrendForce statistics, Italy saw an impressive increase in storage capacity in 2023, adding around 2.4GW/3.9GWh, marking a significant rise of 117% and 90% from the previous year. Residential storage dominated this growth trend. TrendForce anticipates further expansion in 2024, with Italy projected to add 2.6GW/6.2GWh of ESS capacity.

What policy changes are affecting residential storage installations in Italy?

Residential storage installations in Italy are particularly sensitive to policy changes. The country operates under a net metering policy for residential PV generation, where households with grid-connected solar panels can feed excess electricity production back to the grid at retail prices.

How much ESS capacity has been installed in Italy in 2023?

According to ANIE data, as of 30 June 2023, a total of 3,045MW/4,893MWh of ESS capacity were installed in Italy, of which 776MWh of residential storage capacity were installed in Q2 of 2023, a 13% decline from the previous year. The reduction is mainly due to the retreat of Superbonus subsidy policy.



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