



MODERNIZATION SOLAR

# Italian energy storage projects





## Overview

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Where in Italy will a new battery energy storage system be built?

The largest project, a 160 MW facility, will be built in the municipality of Tuscania. Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system (BESS) projects, paving the way for 361 MW of new capacity to be added to the nation's grid.

What is Italy's energy storage plan?

In December 2023, the EU approved Italy's €17.7 billion energy storage plan, aiming to build more than 9 GW/71 GWh of storage systems by 2033, with strategic plans for utility-scale storage in southern regions and Sicily before 2030. Terna aims to deploy 50 GWh of storage by 2030 under MACSE, down from the initial forecast of 71 GWh.

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 €17.7 billion.

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 €17.7 billion. This initiative is anticipated to facilitate the construction of over 9GW/71GWh of energy storage systems (ESS).



## Italian energy storage projects

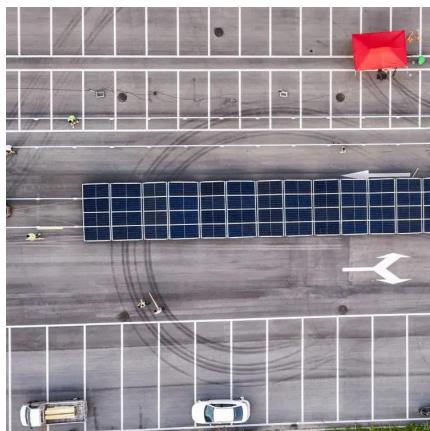


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