

# Large-scale energy storage project in Rome





## Overview

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Does Italy need 9gw/71gwh of energy storage?

Italy's TSO Terna says it needs 9GW/71GWh of energy storage by integrate its renewables pipeline. Image: Terna. The European Union (EU) Commission has approved a state aid scheme aiming to fund the rollout of over 9GW/71GWh of energy storage in Italy.

Will Italy get a state aid scheme for energy storage?

The European Union Commission has approved a state aid scheme aiming to fund the rollout of over 9GW/71GWh of energy storage in Italy.

Why should we invest in Italy's digitised energy infrastructures?

The company's commitment translates into both proprietary solutions and adaptation - already today - to the most stringent EU requirements for digitised energy infrastructures. The Italian storage market also represents a key test bed for large-scale integration of renewables and smart grid management.

What is the largest grid-connected storage system in Europe?

In particular, the Blackhillock project in Scotland, with 300 MW/600 MWh, is today the largest grid-connected storage system in Europe and capable of guaranteeing grid stability exclusively through batteries. Sma took care of the engineering, plant control integration and grid studies to prove its effectiveness.



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### [EU Approves EUR17.7 Billion for Italy's Renewable Energy Storage](#)

Oct 29, 2024 · The European Commission endorses Italy's EUR17.7 billion initiative for a centralized electricity storage system, supporting renewable integration and the EU's Green Deal. This ...

### [The 2.3 GW Battery Storage Project Pipeline by CIP and ...](#)

Oct 3, 2025 · In March 2025, Copenhagen Infrastructure Partners (CIP) announced a strategic partnership with GC Storage Services (GCSS) to co-develop a 2.3 GW pipeline of large-scale ...



### [Italy, strategic hub for energy storage: investment boom](#)

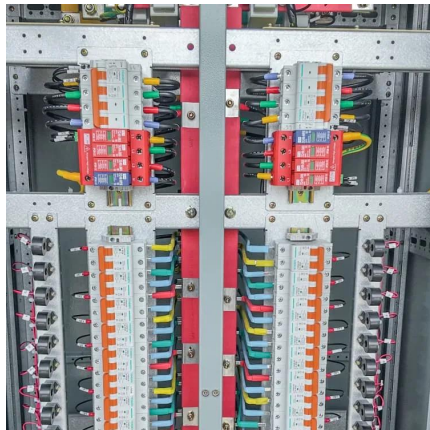
Aug 21, 2025 · The Italian storage market also represents a key test bed for large-scale integration of renewables and smart grid management. " Italy has all the credentials to become ...

### [Fiumicino Unveils Europe's Largest EV Battery Storage System](#)

Italy, June 3, 2025: Enel and Aeroporti di Roma (ADR) have officially launched the Pioneer project, a groundbreaking energy storage initiative designed to accelerate decarbonisation



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The Italian energy storage market will enter the peak period of large

Aug 15, 2024 · Under the goal of energy transition, among emerging markets, TrendForce has taken stock of markets with fast growth and obvious volume trends in 2024 and found that Italy ...

**Jinko ESS Secures Two Major Grid-Scale Energy Storage Projects in Italy**

Jul 22, 2025 · Recently, Jinko ESS has successfully won two 5MWh grid-scale energy storage projects in Italy, marking its official entry into the Italian large-scale storage market. The ...



CIP enters Italian market with 2.3 GW BESS pipeline

Mar 26, 2025 · The Danish infrastructure investor has joined hands with GCSS to develop the pipeline of large-scale, standalone battery energy storage projects across both northern and ...





## [EU approves Italy EUR17.7 billion state aid for energy storage ...](#)

Dec 22, 2023 · The European Union (EU) Commission has approved a state aid scheme aiming to fund the rollout of over 9GW/71GWh of energy storage in Italy. The scheme totalling EUR17.7 ...



## [Large-scale energy storage - Italy will receive huge financial ...](#)

Jan 3, 2024 · The European Commission has given its approval for a support initiative aimed at funding extensive energy storage projects in Italy. These projects are intended to have a ...

## [Italy Energy Storage Market: A Temporary Pullback in 2025 ...](#)

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