

## Kongres Container

# Large-scale energy storage projects in Italy



## Overview

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Between August 7 and 11, 2025, Italy's Ministry of Environment and Energy Security (MASE) gave the green light to six large-scale battery storage projects located in Lazio, Campania, Basilicata, and Puglia. A decree issued on August 7, 2025, authorizes a 120 MW battery energy storage system (BESS).

"Today we have realised several projects in the country, including two large plants operating in Piedmont and Veneto, with a total capacity of 40MW. They are intended for Fast Reserve services and are capable of reacting to changes in grid frequency in less than 150 milliseconds: among the fastest.

The first of the CIP and GCSS battery storage (BESS) projects will break-ground before end of 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 battery energy storage.

Due to the imminent delivery of the large-scale storage project in the capacity auction and the launch of the MACSE auction mechanism, Italy's energy storage has strong growth potential. It is expected that the installed demand from 24 years will be largely inclined to large-scale storage projects.

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 €17.7 billion (US\$19.5 billion) will provide annual payments covering investment and operating costs for those developing, building and.

As Europe moves towards renewable energy, Italy is becoming a major contributor, with a growing emphasis on energy storage technologies. Energy

storage will be essential in facilitating the integration of intermittent renewable sources like solar and wind, as the nation aims to reduce greenhouse.

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