

## **TERNA COMPLETES FIRST MACSE AUCTION: 10 GWH OF ENERGY STORAGE CAPACITY AWARDED**

**Contracted facilities from the first MACSE auction to enter into operation in 2028**

**Bids more than four times demand. Clearing prices well below reserve premium**

**Rome, 1<sup>st</sup> October 2025** – On 30 September, Terna held the first auction under the MACSE (Electricity Storage Procurement Mechanism). A total of 10 GWh of storage capacity was procured in Southern Italy and the islands, covering 100% of the required demand. The auction results highlighted significant market interest, with bids exceeding demand by more than four times and weighted average clearing prices of €12,959/MWh-year (Central-South: €14,566/MWh-year; South and Calabria: €12,146/MWh-year; Sicily: €15,846/MWh-year; Sardinia: €15,029/MWh-year), all well below the reserve premium of €37,000/MWh-year.

*“The auction results show strong competition and robust market interest. We are looking at an associated investment volume of around € 1 billion euros, which will enable greater renewable integration while further reducing reliance on thermoelectric generation and related natural gas consumption,”* said Giuseppina Di Foggia, Terna’s Chief Executive Officer and General Manager. *“Upcoming auctions will follow the evolution of renewable generation and grid development: since 2023, 17 GW of new renewable capacity has already been commissioned. Terna is at the forefront of ensuring a more resilient, smarter, and increasingly sustainable power grid.”*

The MACSE framework, designed by Terna on the basis of Legislative Decree 210/2021 and ARERA Resolution 247/23, was approved by the Ministry of Environment and Energy Security in October 2024, following the European Commission’s approval in December 2023.

The contracted facilities from the first MACSE auction—lithium-ion battery systems—are scheduled to enter into operation in 2028.

The first auction was conducted across four distinct zones: Central-South, South and Calabria, Sicily, and Sardinia. For each area, Terna defined minimum and maximum volumes to be procured.

The outcome of the process is fully consistent with Terna's forecasts regarding the technology's maturity by 2028 and the expected cost trajectory, with the observed cost reduction fully captured by the auction results.

The storage capacity procured through the mechanism will play a fundamental role in operating the electricity system over the coming years, as the share of non-programmable renewable sources continues to grow. It will enable their full integration into the system while providing the ancillary services required to ensure grid security and adequacy.