

Italian lithium energy storage power supply procurement



Overview

In March 2025, Italy awarded 1.2 GW of grid-scale battery storage contracts to eight consortiums, marking the largest single procurement in EU history. This isn't just another clean energy milestone. Everyone's talking about batteries. Underpinning MACSE, or Meccanismo di Assegnazione Centralizzata per la Sostenibilità Energetica, is an ambitious plan to boost renewable energy integration and support up to 50GWh of energy storage by 2030 – a move to. The TSO of Italy has completed its first MACSE auctions for energy storage, procuring 10GWh of capacity at what the NHOA CEO called 'exceptionally competitive prices'. Transmission system operator (TSO) Terna announced the results of Italy's long-awaited energy storage-focused capacity auction. Greenvolt Group, through Greenvolt Power, was among the winners of the MACSE battery storage auction launched by Italy's grid operator TERNA, securing a 15-year indexed tariff for one of its projects. The winning project is located in the MACSE South & Calabria auction zone and will be one of the. With Ministerial Decree no. 346 of 10 October 2024 (the “Macse Decree”), Italy's Ministry of the Environment and Energy Security (“MASE”) has approved the proposal for the regulation of the Electricity Storage Capacity Procurement Mechanism (“Macse”) presented by Italian electricity transmission. The Italy market for lithium battery precision structural parts within the power and energy storage sector has experienced robust growth, driven by escalating investments in renewable energy infrastructure and energy storage solutions.

Article Content

Energy Storage Systems in Italy: a new mechanism for the ...

Following such public consultations, pursuant to Article 18, Paragraph 6 of Legislative Decree No. 210 of November 8, 2021, Terna submitted the proposed regulation of the procurement ...

Italy's Energy Storage Breakthrough: How Recent Auction Wins Are ...

You've probably heard about Italy's latest energy storage auction results—but do you know what they really mean for Europe's green transition? In March 2025, Italy awarded 1.2 GW of grid-scale battery ...

Italy Power And Energy Storage Lithium Battery Precision ...

The Italy market for lithium battery precision structural parts within the power and energy storage sector has experienced robust growth, driven by escalating investments in renewable energy ...

Italy's Macse proposal gets thumbs up

Macse thus enters its operational phase limited to the forward procurement of new capacity, firstly through an auction dedicated to lithium-ion batteries and electricity storage ...

The Italian battery playbook 2025: How to make money with storage

Mauro Moroni offers a quick guide to revenue streams for Italian battery energy storage systems (BESS), including the MACSE procurement, the Testo Integrato del Dispacciamento ...

Italy's "exceptionally competitive" MACSE auction procures 10GWh

All the projects are lithium-ion battery energy storage systems (BESS) and need to come online in 2028, with contracts going for 15 years. Under MACSE, Terna will effectively rent the BESS" ...

italian lithium energy storage power supply procurement bidding

The Department has launched the third bid round under the Battery Energy Storage Independent Power Producers Procurement Programme (BESIPPPP), calling for 616 MW of new generation capacity will ...

Greenvolt Group among the winners of Italy's largest battery storage ...

In this auction for Battery Energy Storage Systems (BESS), Greenvolt secured a 15-year contract indexed to the Consumer Price Index (CPI) for 499MWh with its project located in the South ...

Italian Energy Storage Power Supply Purchase: A 2024 Guide for ...

With solar panel installations outnumbering coffee bars in some regions, Italy's got more daytime energy than it can handle. Enter battery storage systems – the “cannoli cream” filling the gap ...

Italy's MACSE auction will reshape the Italian storage market

Announced October 11, 2024, the auction brings 15-year contracts for BESS and 30-year contracts for PHES to the table. The EU is backing this transformation with an impressive €17.7 billion package, ...

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