



Italian lithium energy storage power supply procurement





Overview

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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 Elettrico (TIDE), zonal spreads, and the capacity market (CM). Everyone's talking about batteries. Politicians, utilities.

Let's face it - Italy isn't just about pasta and Renaissance art anymore. The country's energy storage sector has become Europe's dark horse, with power supply purchases jumping 38% in Q1 2024 alone [7]. Why?

Three words: sunshine, policy incentives, and grid headaches. With solar panel.

Italy is stepping into a new energy era with the MACSE auction in early 2025. 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 Electricity Storage Capacity Procurement Mechanism (in Italian "Meccanismo di Approvvigionamento di Capacità di Stoccaggio Elettrico": MACSE) is a regulatory initiative aimed at fostering the growth of electricity storage capacity in Italy. This growth is crucial to accommodate the increasing.

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 [5]. This isn't just another clean energy milestone. It's a strategic play to solve the country's solar curtailment crisis while stabilizing its.

Italy's lithium market is expected to exceed USD 1.19 billion by 2025, supported by growing electric vehicle adoption and increasing investments in battery



manufacturing. Italy's lithium market did not start with mining drills or gigafactories, it started with the rising demand for cleaner mobility.



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

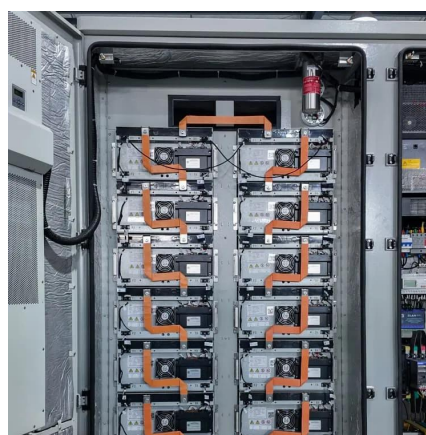
In this auction for Battery Energy Storage Systems (BESS), Greenvolt secured a 15-year contract indexed to the Consumer Price Index (CPI) for 499MWh with its project located ...

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Italy Energy Storage Lithium Iron Phosphate Market Size, ...

The EU's Clean Energy Package emphasizes storage as a key enabler, with regulatory frameworks increasingly favoring lithium-based solutions over traditional lead-acid or emerging ...

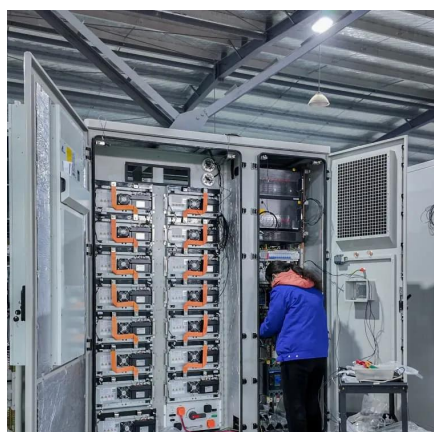
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Greenvolt Group among the winners of Italy's largest battery ...

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 ...

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

Let's face it - Italy isn't just about pasta and Renaissance art anymore. The country's energy storage sector has become Europe's dark horse, with power supply ...



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[THE ELECTRICITY STORAGE CAPACITY ...](#)

This document analyzes available electric storage technologies and identifies reference technologies, those deemed feasible and capable of meeting identified electric storage ...

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Italy Lithium Market Overview, 2030

As solar and wind installations grow, the need for lithium-based storage increases. The most recent development includes Italy's involvement in the European Battery Alliance, ...

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Energy Storage Systems in Italy: a



new mechanism for the procurement

...

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 ...

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

Italy has completed its first MACSE auctions for energy storage, procuring 10GWh of capacity at 'exceptionally competitive prices', one CEO said.

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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 ...

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

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 ...

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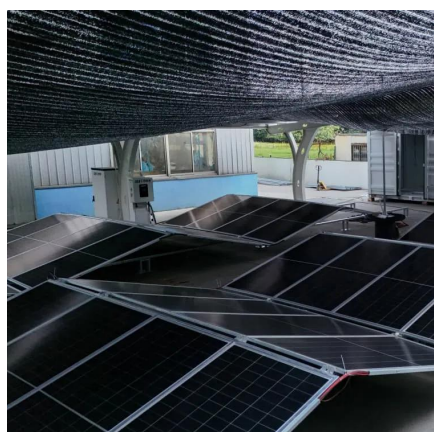
[Italy's 'exceptionally competitive' MACSE](#)



[auction ...](#)

Italy has completed its first MACSE auctions for energy storage, procuring 10GWh of capacity at 'exceptionally competitive ...

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Italy's MACSE auction will reshape the Italian storage market

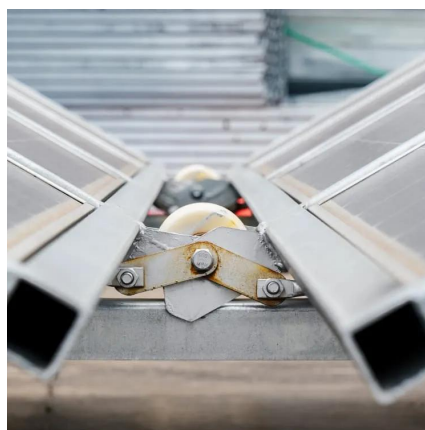
Announced October 11, 2024, the auction brings 15-year contracts for BESS and 30-year contracts for PHES to the table. The EU is backing this transformation with an impressive ...

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