

Italian energy storage power supply procurement



Overview

Legislative Decree 210/21 introduced a new mechanism for the procurement of electricity storage capacity (“MACSE”), developed with the aim of integrating renewable energy sources with an efficient level of overgeneration (i., when electricity production exceeds demand), based on planned grid. 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. London-based investor Bluefield says Italy's cautious, 'stop-start' approach to clean energy and energy storage procurement is less catastrophic than Spain's boom-bust experience and says it could bid for around 100 MW of battery energy storage systems (BESS) in the MACSE energy storage auction. pv. With Ministerial Decree no. This growth is crucial to accommodate the increasing. 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.

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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 prices', one CEO said.

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 ...



THE ELECTRICITY STORAGE CAPACITY PROCUREMENT ...

The Electricity Storage Capacity Procurement Mechanism (in Italian "Meccanismo di Approvvigionamento di Capacità di Stoccaggio Elettrico": MACSE) is a regulatory initiative aimed at ...

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 purchases jumping 38% ...



Italy's Macse proposal gets thumbs up

Italy's Macse proposal for the creation and regulation of a centralised electricity storage system has been approved.

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 ...



Innovative energy storage auction and renewables-

friendly policy put

London-based investor Bluefield says Italy's cautious, 'stop-start' approach to clean energy and energy storage procurement is less catastrophic than Spain's boom-bust experience and says it ...



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 Novem, Terna submitted the proposed regulation of the procurement ...



- LIQUID/AIR COOLING
- ON GRID/HYBRID
- PROTECTION IP54/IP55
- BATTERY /6000 CYCLES

MACSE: Mechanism for the procurement of electric storage capacity

This mechanism will allow the system to acquire new storage capacity through long-term procurement contracts awarded via competitive auctions organized by Terna, in which operators

...

Greenvolt secures 499MWh project in Italy's battery

storage auction

These auctions are designed to enhance system flexibility and promote the decarbonisation of Italy's power sector. The two additional auctions aim to achieve 70GWh of operational capacity by



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