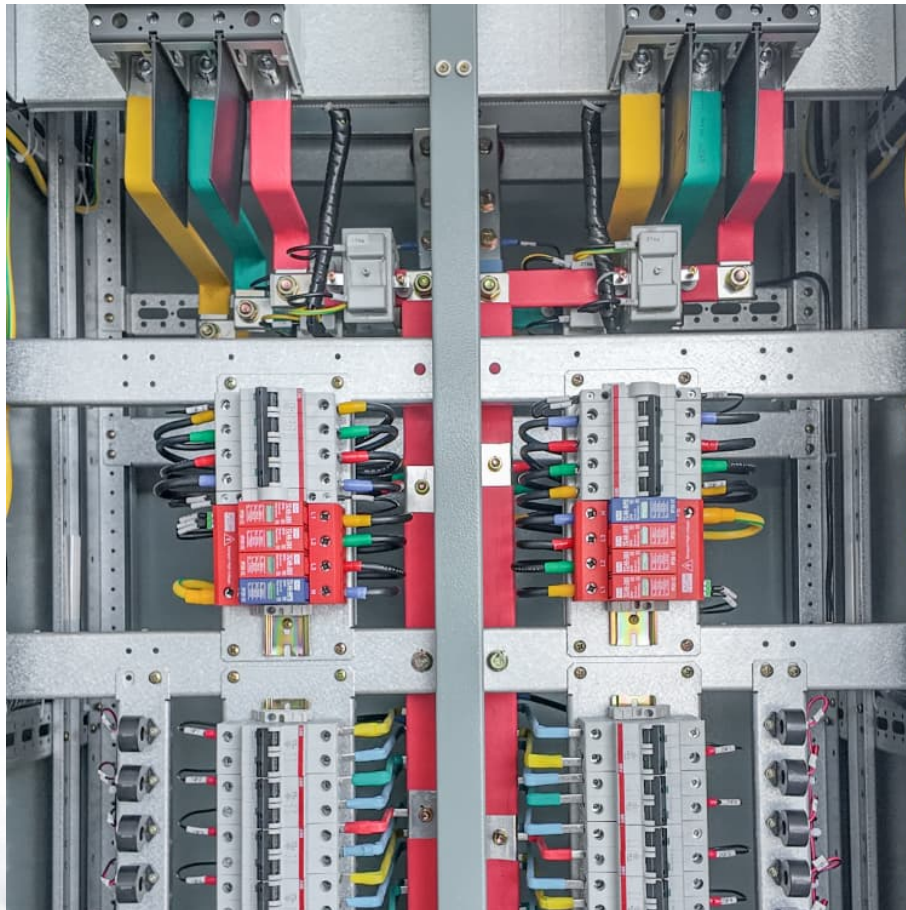


Government procurement price of renewable energy storage in Italy





Overview

MACSE will promote the development of new storage capacity, which is functional for effective integration of renewable sources into the system, also in order to reduce and manage overgeneration.

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The non-programmable nature of the two most widespread types of renewable energy sources, solar and wind, has increased the need to implement the construction of energy storage systems, which can absorb energy in excess, produced during periods of low demand, and release it into the grid during.

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.

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.e., when electricity production exceeds demand), based on planned grid.

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.

The European Commission has approved, under EU State aid rules a €17.7 billion Italian scheme to support the construction and operation of a centralised electricity storage system. The measure contributes to the achievement of the objectives of the European Green Deal and 'Fit for 55' package, by.



Rome, April 2025 – In a bold move to meet its EU-mandated greenhouse gas emissions targets, Italy is accelerating its renewable energy strategy under the Integrated National Energy and Climate Plan (PNIEC Italy). The government has set ambitious goals for increasing renewable energy on the national.



Government procurement price of renewable energy storage in Italy



EU approves Italy EUR17.7 billion state aid for energy ...

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 EUR17.7 billion (US\$19.5 billion) will provide annual ...

PPA Market Spotlight: Italy , Solar Power News , Renewables Now

Power Purchase Agreements (PPAs) in Italy have become noticeably more prevalent throughout 2024, more deals are being signed in the market compared to previous ...



Prices of Energy Storage Systems in Italy: A 2025 Market Deep Dive

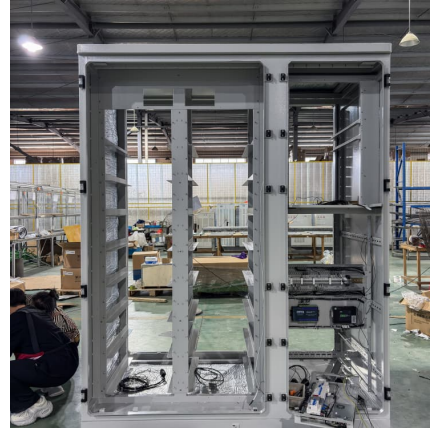
As of 2025, the global energy storage industry hits a staggering \$33 billion annually [1], and Italy--with its ambitious renewable energy targets--is becoming Europe's dark horse. But what ...

[MACSE auction: A game changer for Italy's energy ...](#)

With the first auctions for procuring new storage capacity in Italy expected in the second quarter of 2025, Aurora Energy Research has analyzed



the internal rate of return for projects supported



Navigating The Battery Storage Boom

As part of efforts to adapt and modernize the electrical grid to support renewable energies, battery energy storage systems ("BESSs") are being increasingly incorporated into ...

Italy Energy Storage

Italy will promote investments in utility scale electricity storage to reach at least 70 GWh, and worth over Euro 17 bn, in the next ten years. The new storage capacity will be ...



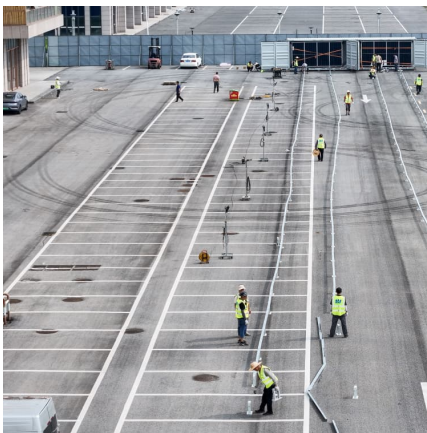
[Italy allocates 278.5 MW of PV in latest renewables ...](#)

In the country's 16th renewable energy procurement exercise, the lowest bid came in at EUR0.07199/kWh and was offered for a 2.7 MW solar facility in the province of Ancona, central Italy.



EU approves Italy EUR17.7 billion state aid for energy ...

The scheme totalling EUR17.7 billion (US\$19.5 billion) will provide annual payments covering investment and operating costs for those developing, building and operating large-scale energy storage in Italy.



EU Commission approves EUR17.7 billion Italian scheme ...

The measure aims to facilitate the integration of renewable energy sources ('RES') in the Italian electricity system. The production of electricity by RES does not always coincide with periods of electricity demand. Electricity storage ...

[\(2025\) PPA Price Trends Q3 2023: A Deep Dive Into ...](#)

PPA Price Trends - Q3 2023 Edition Welcome to our quarterly PPA Price Trends series, where we take a deep dive into the ever-evolving landscape of renewable energy markets. In this Q3 2023 edition, we're excited ...



Italy signs EUR320 million in energy subsidies, energy storage ...

Overseas media news on December 5, Italy's Minister of Enterprise and Manufacturing Adolfo Urso signed a new decree that will provide 320 million euros in energy ...



[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 ...



MACSE

First MACSE auction 2025 On October 11 th, the Minister of the Environment and Energy Security, Gilberto Pichetto Fratin, formalized the decree for the centralized electricity storage ...

[PPA Market Spotlight: Italy , Solar Power News](#)

Power Purchase Agreements (PPAs) in Italy have become noticeably more prevalent throughout 2024, more deals are being signed in the market compared to previous years. So, what's the reasoning behind ...





Italy Accelerates Solar Energy and Industrial Energy Storage ...

In support of these ambitious objectives, the Italian government recently received approval from the EU Commission for investment schemes aimed at developing at ...

[Turning the TIDE: a new era for Italy's short-term ...](#)

Swelling price volatility As negative prices start to emerge in Italy, this means that volatility will increase over the entire time-horizon. This provides revenue opportunities for flexible assets and storage. The extent to ...



EUROPE ITALY

Energy storage has emerged the second Action Priority, crucial for the global deployment of renewable energy. Italy expects large-scale battery storage capacity to exceed 80 GWh by ...

[EU Approves EUR17.7 Billion for Italy's Renewable ...](#)

The scheme is expected to accelerate Italy's and the EU's journey to a greener future by supporting the energy storage solutions needed for the continent's projected 80% renewable energy target by 2050.



[Italy: The main legislative provisions of the Decree ...](#)

The Ministry for the Environment and Energy Security - 'MASE' will define a mechanism for the development of new RES capacity (wind and PV > 200 kW) by energy-intensive companies or by third parties with which these ...



Italian energy storage auction MACSE postponed until ...

Italian transmission system operator (TSO) Terna said that Italy's first energy storage capacity procurement mechanism (MACSE) will be postponed until September 2025.



Italy's renewable energy race to 2030 , Taylor Hopkinson

Italy is entering a pivotal phase in its renewable energy transition, accelerating clean energy deployment to meet ambitious EU climate goals and reduce dependence on ...





[Zeigo , Italy's PPA Market: Key Insights and Trends](#)

FER X is an upcoming Government subsidy-based decree, which intends to add 60 GW of new renewable capacity onto the Italian grid up until 2028. The auction



Italy's EUR9.7 billion plan to boost renewables and reach ...

With these mechanisms, Italy aims to accelerate its clean energy transition while maintaining financial stability. How will the scheme help Italy expand its renewable energy capacity? The EUR9.7 billion state aid scheme ...

Backup power for Europe

In part 1 of our series on backup power in Europe, we named Italy as one of the most attractive European countries for BESS investments. The Italian electricity sector is ...



[Italy's 2024 Public Procurement Market](#)

Italy's government procurement market, estimated at EUR200 billion in 2024, serves as a key driver of economic growth, supporting infrastructure projects, public services, and technological innovation. With a ...



Commission approves EUR17.7 billion Italian State aid scheme ...

The scheme notified by Italy will support the construction of electricity storage facilities with a joint capacity of more than 9 GW/71 GWh. The scheme will run until 31 December 2033.



MACSE

First MACSE auction 2025 On October 11 th, the Minister of the Environment and Energy Security, Gilberto Pichetto Fratin, formalized the decree for the centralized electricity storage system. The storage capacity acquisition mechanism, known ...

MACSE auction: A game changer for Italy's energy storage sector

With the first auctions for procuring new storage capacity in Italy expected in the second quarter of 2025, Aurora Energy Research has analyzed the internal rate of return for ...





[MACSE: Mechanism for the procurement of electric ...](#)

Bird & Bird has established a task force of professionals in the energy, regulatory and tax sectors to assist clients in assessing the applicability of the new regulations to electricity storage projects.

Italy's Terna expects 758 MW of energy storage, renewables in ...

An estimate of the contribution of renewable energy and energy storage sites to the main auction of Terna's 2027 Capacity Market procurement exercise. Source: Terna Terna ...



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