

Government procurement price of business energy storage in Italy

How does Italy guarantee a long-term supply system of new storage capacity?

The Italian legislator has acted to guarantee a long-term supply system of new storage capacity by introducing a mechanism based on competitive, transparent and non-discriminatory auctions. The system recognises the right to an annual remuneration, in exchange for the provision of the awarded capacity as part of the national energy market.

What is the electricity storage capacity procurement mechanism (MACSE)?

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.

Is MACSE a risk-averse investment in Italian energy storage?

From ESS News 2025 is set to see rapid growth in investment in the Italian energy storage sector, led by battery energy storage systems (BESS), with the implementation of MACSE. The eagerly anticipated procurement exercise will offer a stable, predictable premium over 15 years, making it particularly attractive for risk-averse investors.

How will a new storage capacity be guaranteed?

The legislator intends to guarantee new storage capacity requesting utility companies to enter into long-term supply contracts to be awarded as a result of periodic auctions organised by the manager of the national transmission system (ie, Terna SpA), applying criteria of technological neutrality and contracting technologies of proven reliability.

What is a contract standard of capacity supply of electrical storage?

energy, Networks and the Environment (here on the date on which any the quantity of new storage capacity is ordered, it is the contract standard of capacity supply of electrical storage, distinguished by Reference Technology, as per Annex 4. The Contract

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 ...

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 ...

2019 gas consumption: 70.9 bcm gas gross inland consumption and 38.4 bcm in gas final energy consumption: [p.320f]. European Commission, July 2023, Italy - Draft Updated NECP ...

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The Commission adopted in March 2023 a list of recommendations to ensure greater deployment of energy storage, accompanied by a Staff Working Document, providing an outlook of the EU's current regulatory, market, and ...

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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 ...

Right now, battery storage projects aren't making enough money without some form of government support in Italy - that's why choosing between these market mechanisms is so crucial. The capacity market in the ...

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.

The Italian legislator has intervened, specifically in the development of storage capacity, by introducing a long-term procurement system of utility-scale storage capacity based ...

The Italian Ministry of Environment and Energy Security has approved the volume of future energy storage capacity which Italian grid operator Terna has suggested is necessary to keep the lights by the publication of ...

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 ...

The global battery energy storage system market size was estimated at USD 10.16 billion in 2025 and is anticipated to grow from USD 12.61 billion in 2026 to USD 86.87 billion by 2034, growing ...

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 this? ...

BESS, or battery energy storage systems, are an essential element of the energy transition: the Enel Group is playing an important role in the growth of the sector, in Italy and in the other countries where it is present.

According to data released last week by Italian solar energy association Italia Solare, Italy's independent energy storage installations surged in the first half of 2024, with a ...

Crafting a new market design Italy's push towards a regulated framework for BESS investments is anchored

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in the MACSE (Electricity Storage Capacity Procurement Mechanism). This innovative regulatory mechanism is ...

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