

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.

How much will Italy spend on a centralised electricity storage system?

The European Commission has approved a EUR17.7 billion (\$19.5 billion) Italian scheme to support the construction and operation of a centralised electricity storage system to integrate renewable energy sources into the country's electricity system.

Will Italy support the construction of electricity storage facilities?

Approved under EU state aid rules, the Italian scheme will support the construction of electricity storage facilities with a joint capacity of more than 9GW/71GWh and will run until 31 December 2033.

Why are battery energy storage systems not being developed in Italy?

The development of Battery Energy Storage Systems (hereinafter "BESS") in Italy has been limited by the fact that the spread of renewable sources is not such as to produce significant price differences during the hours of the day yet. An unfavourable legal and regulatory framework has also contributed to the low diffusion of BESS.

Will Italy deploy 71 GWh of energy storage in 2033?

Sphera Energy applauds the announcement on the 21st December of the approval by the EU Commission for the upcoming state support and auctions mechanism (managed by TSO Terna) for the deployment of 71 GWh of utility scale Energy Storage in Italy between now and 2033.

What is the RES scheme in Italy?

The Italian 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. The measure aims to facilitate the integration of renewable energy sources ('RES') in the Italian electricity system.

The battery storage project will be equipped with the latest NHOA Energy technology to meet the Italian Transmission System Operator's (Terna) grid regulation for storage systems. NHOA Energy's commitment to ...

The current energy crisis demonstrates that accelerating the clean energy transition can also improve energy security. Italy's energy sector is strongly reliant on fossil fuel imports from the Russian Federation (hereafter

"Russia"), which ...

The latest MASE report covering Italian project permitting procedures as of April 30th 2024 for standalone battery storage, pumped hydro and thermal generation plants > 300 MW was j ...

Paris, 20 October 2023 - NHOA Energy, the company of NHOA Group (NHOA.PA, formerly Engie EPS) dedicated to energy storage, announces that it has been selected as turnkey supplier for a 39MWh Battery Energy Storage ...

Sphera Energy is grateful for having been invited the past 19th of October by the Energyyear Italia event organizers to take part in a panel on the development of the Energy Storage sector in ...

Three projects in Italy's Lombardia, Piemonte, and Puglia regions. 14 February 2024, ITALY / UK / SINGAPORE - ACL Energy, a Milan-based battery energy storage developer, today announces a joint venture ...

New ways to share energy (jointly acting renewable self-consumers and renewable energy communities, ARERA del. 318/2020) o Capacity Market : no storage in 2022 bid, only 100MW ...

Since 2006, ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development) has been carrying out R& D activities as part of the National Electric ...

Terna storage demand underpinned by new policy release. On 1 st October 2024, the Italian TSOs Terna and Snam jointly published a new document outlining the expected Italian energy system evolution to 2040. This ...

successful Italian company offering energy storage systems (ESS, Energy Storage System), for residential and, to a greater extent, commercial and industrial uses. These are complex ...

The storage systems are fundamental for the energy transition, both from an energy efficiency point of view and from a security point of view, since they can provide: Power-Intensive ...

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o Self-consumption and shared energy: User Efficiency Systems - "Sistemi Efficienti di Utenza" (SEU, ARERA del. 578/2013 and following modifications) New ways to share energy ...

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