

Successful bid price of PV energy storage project in Italy 2026



Overview

How many solar project proposals are there in Italy?

From pv magazine Italy The first solar energy auction under Italy's new incentive scheme for renewable energy, the “transitional” FER X program, has attracted 1,387 project proposals with a combined capacity of 17,537 MW, according to Italian energy agency GSE. Prequalified project developers have until Sept. 12 to submit final offers.

When will Italy's new energy storage capacity procurement auctions take place?

Terna's thinking. The date is set. The first of Italy's new energy storage capacity procurement auctions (MACSE) will take place on September 30, 2025, Terna's president for grid development strategies, Francesco Del Pizzo, has confirmed.

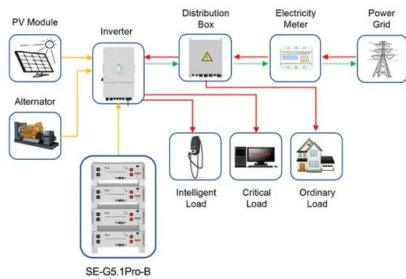
How much will Italy invest in utility-scale storage?

In support of these ambitious objectives, the Italian government recently received approval from the EU Commission for investment schemes aimed at developing at least 70 GWh of utility-scale storage—an initiative projected to attract over €17 billion in investments over the next decade.

How much storage capacity does Terna need for 2028?

Terna has identified a target of 10 GWh of additional storage capacity for 2028 to be financed through MACSE. The maximum and minimum requirements for each of the 6 MACSE zones are summarised in Chart 1. Some important context on volume procurement:

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Application scenarios of energy storage battery products

ITALY

10 > kWh Battery storage projects between 5-15 kWh make up the bulk of Italy's battery storage market. In most cases, these systems are customer-sited and coupled with solar PV systems.



First bids in for 102GW Chinese PV mega tender

Opening bids for the largest centralised

PowerChina receives bids for 16 GWh BESS tender ...

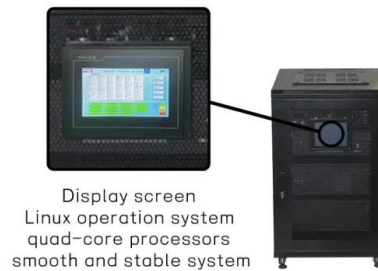
In what is described as the largest energy storage procurement in China's history, Power Construction Corporation of China (PowerChina) is targeting an unprecedented cumulative storage capacity of 16 GWh. The bids ...



MACSE Italy: Countdown to Europe's Largest Energy ...

Read more here about one of Europe's largest energy storage opportunities, with 10GWh of battery capacity on offer - roughly equivalent to all of Italy's currently installed storage.

procurement tender in China's PV history have come in, with 51GW each of PV modules and inverters on the table.



Germany awards 587MW of solar-plus-storage in

Both capacity bid for and awarded were higher than the previous innovation auction held in July 2024, which awarded 512MW of capacity for solar-plus-storage projects.

Market Information

Solartech Indonesia 2026 has become ASEAN's Largest Trade Show for Solar PV and Energy Storage Systems and a professional show of choice for ASEAN's Solar Installers, EPC, IPP, contractors, property developers, solar PV ...



How Italy is Driving BESS Investment

Conclusion The build-out of renewable energy storage is a fundamental step for Italy to achieve its 2030 decarbonisation targets. This build-out presents a challenge in the form of higher variable renewable electricity on ...



Terna allocates 43 GW in Italian capacity market ...

On Feb. 26 Terna announced the results of its capacity market auction, allocating 43 GW for the delivery year 2027, for more than EUR1.847 billion. Industry insiders expects that battery storage projects have accounted for ...



Italy: Enel building 1.6GW of battery storage for 2024 ...

An Enel Green Power wind power plant in Sicily, Italy. Image: Enel Green Power. Enel Green Power will start building 1.6GW of battery storage projects in Italy this quarter, with the country's utility-scale market expected to ...

Enfinity Global closes EUR100 Million Bond with Eiffel to Accelerate

Enfinity Global Inc., a leader in renewable energy, today announced the successful closing of an up to EUR100 million bond facility to support the deployment of its energy ...



Greece: 27GW of battery storage projects gear up for ...

While 12 projects won awards in the first tranche of the recent grid-scale energy storage auctions in Greece, what of the 500 that didn't?



Solar projects dominate in preferred bid rounds

The Ministry of Electricity has confirmed that all eight renewable energy projects awarded under Bid Window 7 of the Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) are solar ...



Recurrent Energy secures EUR61.5m for Italy-based PV & storage ...

Santander Bank has provided EUR61.5 million in non-recourse financing to Recurrent Energy for its Italy-based 124 MW solar portfolio and co-located battery storage ...



NHOA: Italy capacity market BESS 'opens doors' for ...

NHOA's recently completed 107MWh BESS in Gaungdong province, China. Image: NHOA. Energy storage system integrator NHOA has been selected to deliver a large-scale battery energy storage system (BESS) ...





Italian battery investment is about to surge

Timera Energy look at implementation of a new long term contract support mechanism for storage in Italy that is set to drive a surge in battery investment.

Italy Accelerates Solar Energy and Industrial Energy Storage ...

The government has set ambitious goals for increasing renewable energy on the national grid, with a particular focus on bolstering both solar energy and energy storage ...



Recurrent Energy Secures 6 MW BESS Capacity in Italy's 2026 ...

Recurrent Energy has secured 6 MW of battery energy storage system (BESS) capacity for its Montalto project in Italy's Lazio region through the country's Capacity Market ...



Italy's solar renaissance

Italy currently has 140GW of solar PV projects in its grid connection queue. Image: Juwi In 2023, Italy installed over 5GW of new solar PV generation capacity, by some distance the most since 2011.



Greece Launches Final Tender for 200 MW Battery ...

This round sets a maximum bid price of EUR 145,000 per MWh and is open to standalone battery proposals with four-hour storage durations. Targeted areas for the systems include Western Macedonia, a region ...



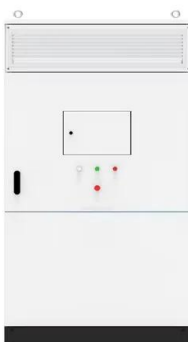
Anza Renewables on tariffs and successful energy storage projects

The energy storage industry is currently facing multiple challenges that developers need to consider when planning for successful energy storage deployments. ...



What are the successful cases of combining PV and energy storage ...

With the global PV installed costs continue to decline, such as 2024 component prices reduced by 50% compared to 2022, superimposed on the iterative energy storage ...



Energy storage to soar in Spain and Italy but questions remain

Energy storage is set to soar in Spain and Italy in the coming years but there are question marks around the regulatory frameworks in each.



Forecasting the Development of Italy's Energy ...

In the first quarter of 2024, the global energy storage market continued to show positive growth trends. Specifically in Europe, Germany, Italy, and Spain sustained rapid growth in their energy storage sectors. Notably, ...

Germany: 400MW+ of solar-storage projects win ...

A PV and battery storage project in Buttel, Schleswig-Holstein, from developer Enerparc which won an innovation auction contract in 2021. Image: Enerparc. The latest Innovation Tender in Germany has concluded, ...



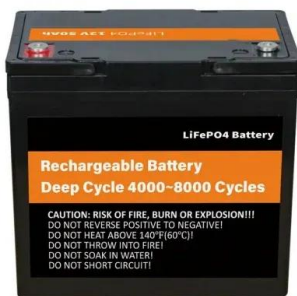
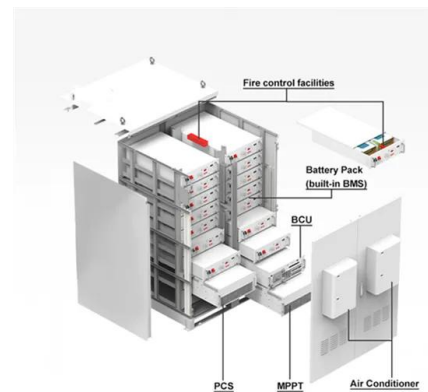
BESS Investment in Italy: Which Market Option is Best?

Market Options Italy's ambitious drive towards renewable energy integration, targeting 50 GW solar and 28.1 GW wind capacity by 2030, has created distinct pathways for Battery Energy Storage System (BESS) ...



BESS industry gears up for Italy kick-off with first MACSE auction

The grid-scale energy storage market in Italy holds promise with very ambitious deployment targets for 2030 - but are they too ambitious?

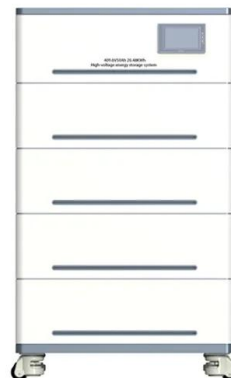


BESS projects progress in Finland, Italy and Portugal

Italy released the results of its 2026 CM auction in January 2025, awarding 42.8GW of derated capacity. The country is one of the most exciting for energy storage ...

Italy needs 71GWh of new grid-scale energy storage ...

An operational PV plant in Italy. Image: NextEnergy Capital. A total of 71GWh of new grid-scale energy storage needs to be deployed in Italy by 2030 for it to decarbonise its energy system in line with the EU targets. ...





Italy's 1st MACSE auction: green light for BESS investors

It will be the primary driver behind large scale capital investment in storage capacity, with a focus in high solar penetration areas in southern Italy and the islands.

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