

# Italian Republic Energy Storage Project





## Overview

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Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system (BESS) projects, paving the way for 361 MW of new capacity to be added to the nation's grid. Where in Italy will a new battery energy storage system be built?

The largest project, a 160 MW facility, will be built in the municipality of Tuscania. Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system (BESS) projects, paving the way for 361 MW of new capacity to be added to the nation's grid.

Is Italy a leader in industrial energy storage and commercial energy storage?

Accordingly, there is a growing market for industrial energy storage and commercial energy storage projects, positioning Italy as a leader in advanced Italy storage solutions and renewable energy Italy initiatives.

Why is a grid-scale battery energy storage system important in Italy?

As the penetration of solar power increases, grid stability has become a critical issue. In response, Italy is prioritizing the development of grid-scale battery energy storage systems (BESS Italy) alongside new industrial and commercial energy storage projects.

How is Italy transforming its energy system?

Italy, like much of Europe, is undergoing a rapid transformation in how it generates and distributes energy. With solar PV and wind power ramping up quickly, grid operators are increasingly reliant on energy storage systems to manage variability and avoid curtailment of renewable energy during periods of oversupply.



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Smart Energy in Action: JA Solar's first BESS for C& I in Sicily, Italy

3 hours ago · JA Solar, a global leader in photovoltaic products and integrated energy solutions, announced the successful commissioning of a solar-plus-storage microgrid at a modern ...

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Forecasting the Development of Italy's Energy ...

Apr 26, 2024 · In the first quarter of 2024, the global energy storage market continued to show positive growth trends. Specifically in Europe, ...

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Italy greenlights 361 MW of new battery ...

Aug 7, 2025 · Italy's Ministry of the Environment and Energy Security (Mase) has issued final approvals for five new battery energy storage system ...

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Energy storage, how Italy secures renewables

Aug 21, 2025 · Energy storage systems are a strategic asset to guarantee security and flexibility to the national electricity grid and accelerate Italy's energy transition. And they are essential to ...

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ReFeel New Energy Sells 52MW Battery Storage Project in ...

2 days ago · ReFeel New Energy completes sale of 52MW battery energy storage project in Tuscany to Engie Italia. The ready-to-build BESS secured a 15-year capacity market contract ...

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Italy Accelerates Solar Energy and Industrial Energy Storage ...

Apr 15, 2025 · In a bold move to meet EU emissions targets, Italy is accelerating its solar energy and industrial energy storage deployment under the PNIEC Italy plan. With installations of new ...

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SUSI-backed RNE sells 52-MW Italian battery project to ...

1 day ago · ReFeel New Energy (RNE), a joint venture between renewable energy solutions provider ReFeel and Swiss fund manager SUSI Partners, has sold a 52-MW ready-to-build ...

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Engie acquires 200MW of Italy consented ...

Jul 15, 2025 · Engie already has 50MW of BESS capacity in Italy. Image: Engie. Utility and power firm Engie has acquired two BESS projects from ...

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Energy storage to soar in Spain and Italy but ...

May 28, 2025 · Energy storage is set to soar in Spain and Italy in the coming years but there are question marks around the regulatory frameworks in ...

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EU approves Italy's 177 billion euro energy storage plan to ...



In August 2024, the European Commission approved a EUR8 billion Italian national plan in accordance with EU state aid rules to support the construction and operation of centralized ...

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Italy Accelerates Solar Energy and Industrial ...

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Exide Technologies energizes Italian industry with new energy storage

Aug 26, 2025 · Exide Technologies' Italian operations, located in the province of Bergamo, are specialized in energy storage systems, and excel in integrating these solutions with the energy ...

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Smart Energy in Action: JA Solar's first BESS for C& I in Sicily, Italy

PALERMO, Italy, Dec. 11, 2025 /PRNewswire/ -- JA Solar, a global leader in photovoltaic products and integrated energy solutions, announced the successful commissioning of a solar-plus ...

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Italy: BESS wins nearly 600MW in 2027 ...

Mar 3, 2025 · BESS technology has won the bulk of new resource contracts in the capacity market (CM) auction for delivery in 2027 in Italy.

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Energy storage equipment installation in Italy

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 acquired ...

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Exide Technologies energizes Italian industry with new energy storage

Aug 26, 2025 · Tailored energy storage for industry: Exide delivers its Solition Mega Three system to support high-demand applications in Italy's manufacturing sector Scalable performance: ...

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Italy to hold first energy storage capacity ...

Oct 18, 2024 · The energy minister of Italy has signed a decree paving the way for an energy storage capacity auction to kick off in the first half of 2025.

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Italy Approves 361 MW of Battery Energy Storage Systems ...

Aug 8, 2025 · Italy has approved 361 MW of battery energy storage systems to support renewable energy and grid stability across Lazio, Puglia, and Sardinia.

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Galileo sheds 98-MW fully permitted BESS ...

Jun 30, 2025 · Pan-European renewable energy developer and investor Galileo has offloaded a 98-MW battery storage project in Southern Italy to ...

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Masdar , President of Uzbekistan Inaugurates Nation's First ...

3 days ago · The President of the Republic of Uzbekistan, His Excellency Shavkat Mirziyoyev, inaugurated the Nur Bukhara project, the country's first utility-scale integrated solar and ...

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Italy greenlights 361 MW of new battery storage projects

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AlphaESS Secures Milestone Agreement for Czech Republic's ...

2 days ago · Prague, Czech Republic, December 2025 -- AlphaESS, a global leader in energy storage solutions and a BloombergNEF Tier 1 certified manufacturer for Q4 2025, has formally ...

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