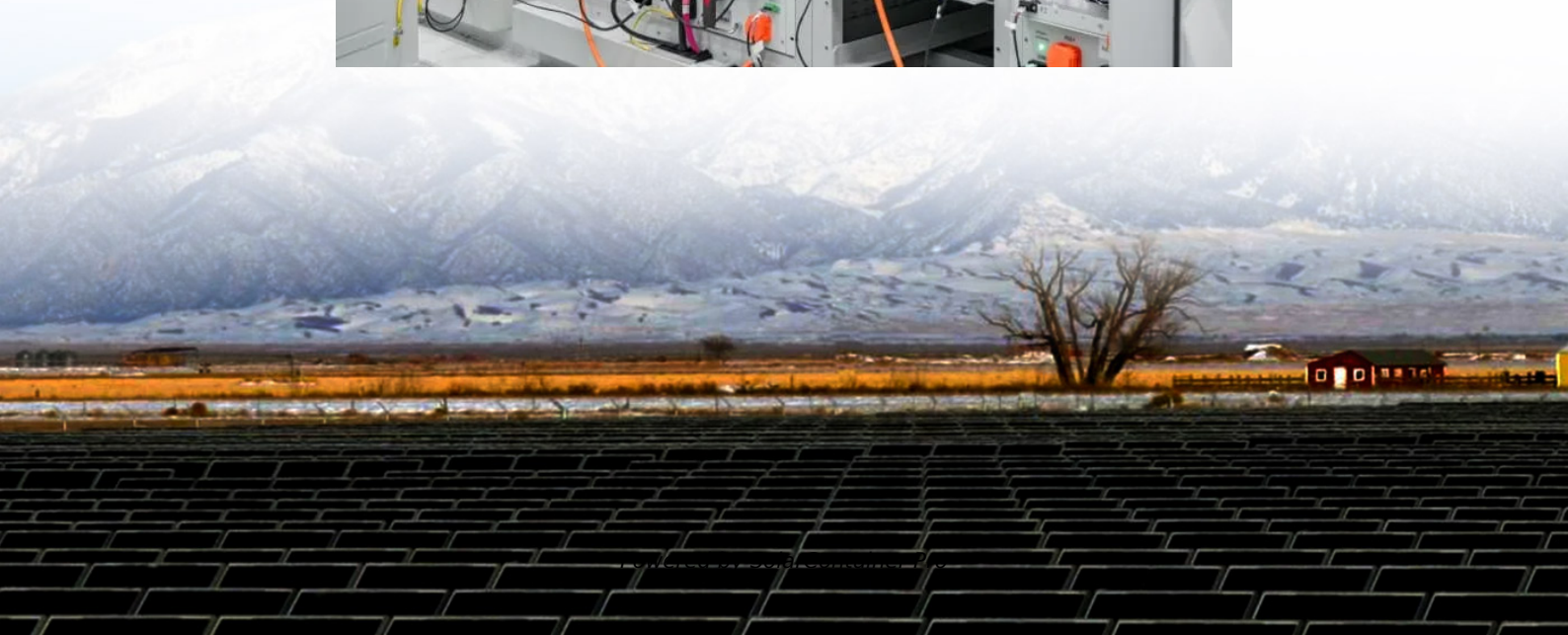


# **Latest on Italian energy storage project planning**





## Overview

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The innovative tolling agreement signed between Zelestra and BKW enables the delivery of one of Europe's largest battery energy storage systems (BESS), of up to 2 GWh, in the north of Italy. Construction is due to start in 2027, with full operations anticipated in 2028. How much will Italy's energy storage program cost in 2023?

In December 2023, the EU greenlit Italy's energy storage program, earmarking a hefty investment of €17.7 billion. This initiative is anticipated to facilitate the construction of over 9GW/71GWh of energy storage systems (ESS).

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.

What is Italy's energy storage structure?

Italy's energy storage structure is also dominated by residential storage, which accounts for more than 80% of new installations. In December 2023, the EU greenlit Italy's energy storage program, earmarking a hefty investment of €17.7 billion.

Does Italy need 9gw/71gwh of energy storage?

Italy's TSO Terna says it needs 9GW/71GWh of energy storage by integrate its renewables pipeline. Image: Terna. 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.

Will Italy get a state aid scheme for energy storage?

The European Union Commission has approved a state aid scheme aiming to fund the rollout of over 9GW/71GWh of energy storage in Italy.



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.



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### EU Approves EUR17.7 Billion for Italy's Renewable Energy Storage

On December 21, 2023, the European Commission greenlit a substantial EUR17.7 billion state aid initiative by Italy to boost the development and integration of a centralized ...

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### Zelestra and BKW sign innovative long-term tolling agreement ...

2 days ago · The innovative tolling agreement signed between Zelestra and BKW enables the delivery of one of Europe's largest battery energy storage systems (BESS), of up to 2 GWh, in ...

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

In January-October 2024, Italy added 6,042 MW of installed renewable energy capacity, including 5,482 MW of photovoltaic, an increase of more than 30% year-on-year ...

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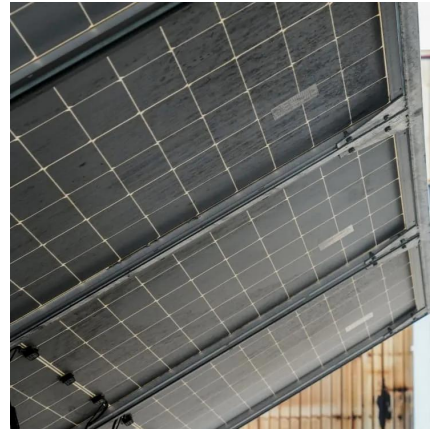
### Powering Italy's Green Future: How Battery Energy Storage ...

MP: The future of energy storage in Italy is bright. With investments in technology, regulatory support, and declining costs, BESS will



become a key pillar of Italy's transition to a ...

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### Italy could struggle to meet 2030 green goals, study shows

5 days ago· Italy could fail to meet carbon emission reduction targets agreed at the European Union level due to delays in key green transition areas, including renewable power generation ...

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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 to support the construction and operation of centralized power storage systems, in accordance with EU ...

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### Forecasting the Development of Italy's Energy Storage Market in ...

In December 2023, the EU greenlit Italy's energy storage program, earmarking a hefty investment of EUR17.7 billion. This initiative is anticipated to facilitate the construction of ...

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### Italy Accelerates Solar Energy and Industrial Energy Storage ...

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 ...

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### Enel plans 2.3 GW of battery energy storage through 2027

Italy's Enel has announced it plans to switch focus from solar to onshore wind for its renewable energy generation. The company is planning big grid investments as well as ...

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### Zelestra and BKW Ink Italy's Landmark 2 GWh Tolling Deal

1 day ago· Zelestra, a global, multi-technology, customer-focused renewable energy company, has signed a long-term tolling agreement with BKW, a leading energy and infrastructure ...

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