

Solar action in Italy





Overview

Government targets for (RES) and different support schemes, especially for solar photovoltaics, resulted in an increase from 7.9% (2005) to 18.2% (2015) in total share of renewable energy in the (TPES). 1.6% of the 18.2% renewables share is made up of solar energy. From 2005 to 2015 solar power has increased on average by 63.7% per year. The share of renewables in electricity generation has increased fro.

How did Italy's first solar auction work?

Italy's first solar auction under the transitional FER X incentive scheme drew 17.5 GW in project proposals and an additional 2.87 GW in wind bids, according to state-run energy agency Gestore dei Servizi Energetici (GSE). From pv magazine Italy.

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.

How many MW of solar power will Italy offer?

The auction also accepted proposals for wind power projects, which totaled 2.87 GW. No bids were submitted for hydropower or residual gas from depuration processes. Italian authorities expect to allocate more than 600 MW of solar photovoltaic capacity through the auction.

How much solar energy does Italy produce a day?

The entire nation of Italy retains high potential for solar energy production, ranging from 3.6 kWh per square meter per day in the Po river plain to 5.4 kWh per square meter per day in Sicily. Installed capacity in Italy was less than 100 MW before 2008.

How can I get involved in the Italian solar market?



Get involved in the Italian solar market by attending the debut edition of Solar & Storage Italia – taking place 8-9 October. Italy's solar market has grown from 4,000 MW in 2005 to over 26 GW in 2023, driven by strong policies and cutting-edge technologies.

What makes Italy a great country for solar power?

Italy is making the most of its warm climate, alpine geology and agriculture to harness its renewable resources. Solar had a record year in 2024, with 6.8GW of new capacity installed— 30% over 2023—bringing the total to 37GW. Most of this growth came from large-scale projects, especially in sun-rich regions like Sicily and Lazio.



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Government targets for renewable energy sources (RES) and different support schemes, especially for solar photovoltaics, resulted in an increase from 7.9% (2005) to 18.2% (2015) in total share of renewable energy in the total primary energy supply (TPES). 1.6% of the 18.2% renewables share is made up of solar energy. From 2005 to 2015 solar power has increased on average by 63.7% per year. The share of renewables in electricity generation has increased fro...



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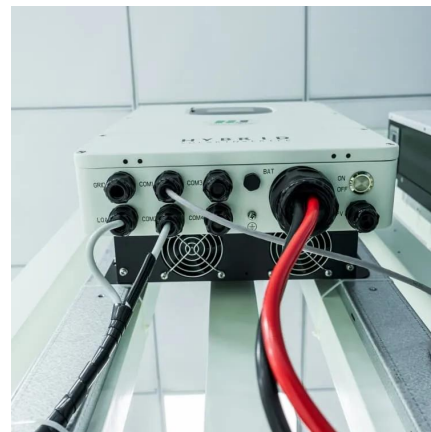


[Italy's latest renewables auction attracts 17.5 GW of solar project](#)

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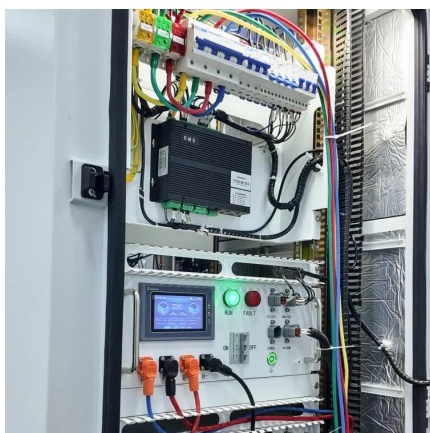
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