



Italian solar power plant





Overview

Italy's cumulative installed solar PV capacity reached 43.5 GW at the end of December 2025. Of this total, 27% (11,627 MW) comes from residential systems, 43% (18,850 MW) from commercial and industrial (C&I) installations, and 30% (13,036 MW) from large-scale plants. Solar power is an important contributor to electricity generation in Italy, accounting for 12%. From pv magazine Italy Italy deployed 6,437 MW of new PV capacity in 2025, according to new data released by Italian grid operator Terna. Italy has endorsed solar power efficiently through government incentives; joined hands with Spain and Germany to enter into the world of unparalleled, thriving solar power during the first ten years of the new century. This comprehensive guide explores the leading solar companies making significant impacts in the Italian renewable energy landscape, offering insights. In 2024, Italy achieved its strongest year of solar growth in over a decade, installing 6.



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[Top 10 Solar Companies in Italy \[Updated 2025\]](#)

Discover the leading solar companies in Italy for 2025. Explore Enel, Futura, Grace Solar and other top players shaping Italy's renewable energy future with innovative technologies and solutions.

[National Survey Report of PV Power Applications in Italy 2024](#)

In 2024, Italy achieved its strongest year of solar growth in over a decade, installing 6.7 GW of new photovoltaic (PV) capacity and bringing cumulative capacity to 37 GW. PV generation reached 36 ...



Solar Power Plants in Italy (Map)

Data and information about Solar power plants and their location plotted on an interactive map of Italy.

Italy solar photovoltaic industry

Since 2010, the number of photovoltaic systems in Italy has recorded a 10-fold increase, reaching almost 1.6 million units in 2023. That year, Lombardy and Veneto were the regions ...



Solar power in Italy

In Genoa an Italian first in solar energy was underlined, as in 1963, Giovanni Francia built the first solar plant able to produce steam at temperatures above 550 °C.

[Italy installs 6.4 GW of solar in 2025 - pv magazine International](#)

Italy installs 6.4 GW of solar in 2025 The country's cumulative installed PV capacity reached 43.5 GW at the end of December, according to the latest figures released by Italian grid ...



[Top five solar PV plants in operation in Italy](#)

Of the total global solar PV capacity, 2.02% is in Italy. Listed below are the five largest active solar PV power plants by capacity in Italy, according to GlobalData's power plants database.

Italy Solar Power Plants



All 5449 solar power plants in Italy Name English
Name Operator Output Method Wikidata Centrale
Archimede Archimede Combined Cycle Power
Plant Enel 774 MW thermal Q3664636 Impianto ...



[Zelestra Delivers Full Commercial Operations At Its First Solar](#)

Zelestra, a global, multi-technology, customer-focused renewable energy company, has announced full commercial operations at the 6.5 MWdc Ginosa solar plant in Puglia, Italy.

Largest solar power stations in Italy

By 2017, Italy had built over 730 000 solar power plants with a total capacity of 19.7 GW, bringing the figure close to 8%. The capacity surpassed 20 GW in 2018, and the "National Energy Strategy," or ...





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