

European solar power generation share



Overview

4 TWh) in June 2025, more than any other power source. This is an increase of 22% from June 2024. In second place was nuclear with 21. Renewables accounted for close to half of electricity generation in the European Union (EU) in 2025, marking a shift from a marginal role to a system-defining position. SolarPower Europe is the award-winning link between policymakers and the solar PV value chain. Wind power in the EU started the summer strongly, with the highest ever generation for the months of May and June. 1% of EU. Solar accounted for 22. The growth came mainly from solar, which produced 122,317 gigawatt-hours (GWh) - nearly 20% of the total electricity generation mix.

European solar power generation share



Solar energy

Year after year, photovoltaics make up a bigger share of the EU's energy mix. In 2024, the EU output of photovoltaic electricity accounted for 11% of the EU's gross electricity output, according to Ember.

[Learn More](#)

Solar breaks European power generation record

This March marked the third month in a row that Europe broke a historic power generation record. According to Eurelectric, solar now accounts for over 10% of the continent's electricity mix.

[Learn More](#)



Share of electricity production from solar, 2025

About this data Share of electricity generated by solar power Measured as a percentage of total electricity produced in the country or region.

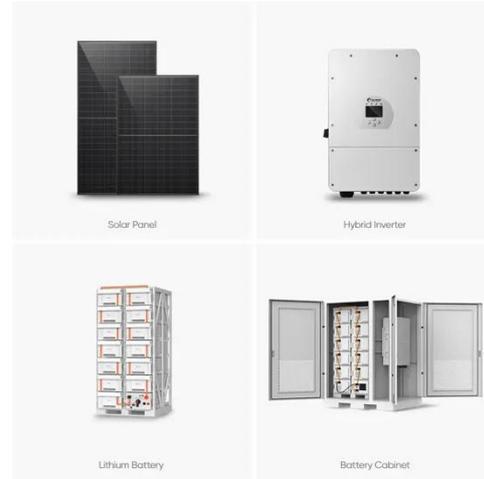
[Learn More](#)



Solar leads EU electricity generation as renewables hit 54%

According to new data from Eurostat, renewable energy sources generated 54% of the EU's net electricity in Q2 2025, up from 52.7% year-over-year. The growth came mainly from solar, ...

[Learn More](#)



EU Solar Output Tops 340 TWh in 2025, Lifting Renewables to Nearly ...

...

This shift comes as solar generation reached a record level in Europe in 2025, according to the report, producing more than 340 TWh. This lifted solar's share in the EU power mix to 12.6%, its ...

[Learn More](#)

Solar becomes EU's largest power source in June

Solar accounted for 22.1% of electricity generation in the European Union in June, as 13 member states set new records for the share of solar in their national power mixes.

[Learn More](#)



Europe's solar generation hits new high

EU solar power output grew 21.7% (i.e., by 54 terawatt-hours, TWh) in 2024, expanding from 9.3% to 11.1% of total



generation - a trend mostly driven by new capacity additions. Solar plants ...

[Learn More](#)

Solar is EU's biggest power source for the first time ever

Solar power generated 22.1% of EU electricity (45.4 TWh) in June 2025, more than any other power source. This is an increase of 22% from June 2024. In second place was nuclear with ...

[Learn More](#)



Solar reaches record 12.5% share of EU electricity generation

Solar reaches record 12.5% share of EU electricity generation Europe's power sector made significant strides in 2025, driven by record solar growth that reduced reliance on fossil fuels and helped contain ...

[Learn More](#)

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://v4venison.co.za>

