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# The EU installs solar panels to generate electricity

What percentage of European electricity comes from solar energy?

In 2024, 46.9% of the electricity generated in the EU came from renewables and 22% of renewable electricity came from solar energy (Eurostat, March 2025). June 2025 was the first month in history where solar energy was the main source of electricity generated in the EU at 22%. Source: SolarPower Europe

Is solar power the EU's leading source of electricity?

In a historic milestone for clean energy, solar power became the leading source of electricity in the EU for the first time in June 2025. New data from energy think tank Ember reveals that solar accounted for 22.1% of the EU's electricity mix, surpassing nuclear and leaving fossil fuels far behind.

Is solar a good source of energy in the EU?

Solar is the fastest growing energy source in the EU and is cheap, clean and flexible. The cost of solar power decreased by 82% between 2010-2020, making it the most competitive source of electricity in many parts of the EU.

What is the largest source of electricity in the EU?

Solar became the EU's largest source of electricity for the first time in June 2025. National records for solar and wind rolled in across EU countries in May and June, pushing coal to an all-time low. In June 2025, solar was the largest source of EU electricity for the first time, with multiple countries producing record amounts of solar power.

Solar power has taken the lead in the EU's electricity generation for the first time in June, according to think tank Ember.

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Solar energy technologies convert sunlight into energy, either as electricity (photovoltaics and concentrated solar power) or in the form of solar heat. Solar is the fastest growing energy ...

Solar energy was the main source of electricity in the European Union for the first time in history in June, according to new figures.

The European Union deployed 65.1 GW of solar this year, according to SolarPower

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Europe's EU Solar Market Outlook 2025-2030. The figure is a 0.7% decrease on the 65.6 GW ...

One of the main advantages of solar power is its decentralised nature. Rooftop and local solar installations generate electricity close to ...

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Solar panels are a great addition to your home as they generate renewable electricity - even on cloudy days. And when it comes to safety, they're among the most reliable ...

In Q2 2025, renewables powered 54% of EU electricity, with solar leading the mix and topping all sources in June for the first time.

Welcome to our EU Solar Market Outlook 2025-2030 Times for solar in the EU have changed - and unfortunately not for the better. In 2025, the EU solar market contracted for the ...

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