

The latest report from Ember shows solar and wind outperformed fossil fuel generation in the EU in 2025 for the first time ever.

In June 2025, for the first time, the sun became the main source of electricity generation in the EU. Installed solar photovoltaic capacity reached 406 GW in 2025, far surpassing the targets set in the European ...

Solar is the fastest growing energy source in the EU and is cheap, clean and flexible. The cost of solar power decreased by 90% between 2010-2023, according to the International Renewable Energy Agency making it ...

About The European Electricity Review analyses full-year electricity generation and demand data for 2024 in all EU-27 countries to understand the region's progress in transitioning from fossil fuels to clean ...

Solar has become the EU's main source of electricity, marking a historic turning point in Europe's energy mix as solar power surpasses nuclear and wind, accelerates renewable expansion, lowers carbon emissions, ...

European homes are making the shift to green and clean energy. With inexpensive clean energy solutions that meet your needs, investing in a Jackery solar generator is a smart choice.

OverviewEU solar energy strategyPhotovoltaic solar powerConcentrated solar powerSolar thermalOrganisationsSee alsoSolar power consists of photovoltaics (PV) and solar thermal energy in the European Union (EU). In 2010, the EUR2.6 billion European solar heating sectors consisted of small and medium-sized businesses, generated 17.3 terawatt-hours (TWh) of energy, employed 33,500 workers, and created one new job for every 80 kW of added capacity.

Solar power consists of photovoltaics (PV) and solar thermal energy in the European Union (EU). Solar power is growing in every EU country.

As solar PV deployment ramps up across the EU, it's not just about harnessing clean energy - it's also about powering job growth. The expansion of solar installations creates a ripple effect, spurring demand for skilled ...

June 2025 marked a significant milestone as solar emerged as the EU's primary electricity source for the first time, generating 22% of all power that month, surpassing nuclear, wind, hydro, and natural gas.

Discover all statistics and data on Residential solar photovoltaics in Europe now on statista !

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