

The European Union installed a record 65.5 GW of new solar PV capacity in 2024. This figure highlights the incredible pace and industrial scale of the continent's transition to renewable energy.

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.

As Europe accelerates its transition to renewable energy, solar power has emerged as a cornerstone of this transformation. However, a significant challenge persists: the majority of solar panels installed ...

Find the most up-to-date statistics about the solar photovoltaic industry in Europe

Solar panels have become widespread across Europe over the past decade, and growth is not slowing. Some 56GW of solar PV capacity was installed across the EU 27 in 2023 - a 40% ...

By the end of 2024, the total installed PV capacity in the EU is expected to exceed 260 GW, driven by favorable policies, corporate investments, and increasing energy independence ...

The European solar market slows to 65.5 GW of new installations in 2024, marking just a 4% growth compared to 2023. Explore the challenges and future outlook for solar energy in Europe ...

The cumulative installed solar PV capacity of the EU-27 Member States reached 269 GW at the end of 2023. It has multiplied over 2,500 times since the beginning of the millennium, when the grid ...

Comprehensive ranking of Europe's top solar companies in 2025. Profiles include market share analysis, technology innovations, and key solar mounting solutions transforming EU renewable energy.

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

The EU solar sector continues its upward trajectory, with mid-2025 figures confirming robust growth. SolarPower Europe's latest analysis highlights record installations, policy momentum, ...

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