



# Solar power generation sector gains

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Clean energy continues to dominate new power capacity. For example, in 2024, more than 90% of all new electricity capacity worldwide came from renewable sources such as solar, wind, ...

Despite the changing market and policy conditions that the solar industry has faced this year, solar will remain the dominant power source added to the grid in the next five years.

In 2024, between 554 GWdc and 602 GWdc of PV were added globally, bringing the cumulative installed capacity to 2.2 TWdc. China continued to dominate the global market, ...

2025 has been a challenging year for renewables. The new tax law, commonly referred to as the One Big Beautiful Bill Act, rolled back many clean energy tax credits and imposed new restrictions, ...

Electricity generation by the U.S. electric power sector totaled about 4,260 billion kilowatthours (BkWh) in 2025. In our latest Short-Term Energy Outlook (STEO), we expect U.S. ...

These statistics highlight the substantial benefits of solar power, from carbon emission reductions and resource efficiency to recycling potential, revealing how this renewable energy source ...

Solar experienced the fastest growth among all power generation technologies in terms of electricity output, three times as much as wind power, which was ranked second.

Policymakers in some of the world's largest economies are reducing support for solar power generation. Even so, Goldman Sachs Research expects rapid growth in the sector, with global ...

Solar accounted for 58% of all new electricity-generating capacity added to the US grid through the third quarter of 2025, with more than 30 GW installed. Solar and storage, combined, ...

So far in January, EIA has issued three brief studies tapping solar energy to be the major player responsible for



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national electricity generation gains in 2025.

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