

Wind power and photovoltaic power generation in the second half of the year



Overview

Together, wind and solar PV are projected to surpass fossil-fired power generation in 2025, assuming normal weather conditions in the second half of the year. power generation for the next two years. As a result of new solar projects coming on line this year, we forecast that U. solar power generation will grow 75% from 163 billion kilowatthours. Solar PV and wind energy are key drivers of this trend, with their combined share in global electricity generation expected to rise from 15% in 2024 to 17% in 2025 and to above 19% in 2026 - up from 4% a decade earlier. The year-on-year increase in electricity demand - the fifth largest year-on-year increase this century.

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In our latest Short-Term Energy Outlook, we forecast that wind and solar energy will lead growth in U.S. power generation for the next two years. As a result of new solar projects coming on ...

[Supply: Renewables grow the most, followed by gas and nuclear](#)

Together, wind and solar PV are projected to surpass fossil-fired power generation in 2025, assuming normal weather conditions in the second half of the year. As a result, the share of low-emissions ...



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Worldwide solar and wind power generation has outpaced electricity demand this year, and for the first time on record, renewable energies combined generated more power than coal, ...



[A Decade of Growth in Solar and Wind Power: Trends Across the U.S.](#)

Solar and wind energy will lead the growth in U.S. power generation for at least the next two years, according to EIA estimates. This report uses data from the EIA to analyze solar and



[Solar power surges while wind energy stalls, report reveals](#)

While solar is thriving, wind power has encountered significant hurdles. Both onshore and offshore wind projects struggled through four consecutive years of declining additions in 2024. This ...



[US Electricity 2025 - Special Report](#)

The US clean electricity transition continued as wind and solar generated more than coal for the first time. Electricity demand growth sped up and solar generation rose more quickly than gas ...



[Wind power and photovoltaic power generation in the second half ...](#)

Led by new solar power, the world added renewable energy at breakneck speed in 2023, a trend that if amplified will help Earth turn away from fossil fuels and prevent severe warming and its effects.



[Renewable energy highlights, July 2025](#)

Total electricity generation increased by an average of 2.5% each year between 2012 and 2023. During the same period, renewable electricity expanded at a compound annual growth rate (CAGR) of 5.9%, ...

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