Photovoltaic and wind power generation forecast for the second half of the year

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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 ...

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, ...

The International Energy Agency projects significant growth for photovoltaics (PV) in 2024 over the record-breaking year in 2023. Over the next two years, virtually all new electric ...

Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW in the ...

As a result of new solar projects coming on line this year, we forecast that U.S. solar power generation will grow 75% from 163 billion kilowatthours (kWh) in 2023 to 286 billion kWh in ...

While our commercial and community solar outlooks have risen slightly due to enhanced project pipeline visibility, we"ve downgraded our residential outlook as tight module availability is ...

The forecast for 2025 is underpinned by rising residential electricity rates, which increased by 5% year-over-year as of March 2024, and by 30% over the past five years.

The share of solar PV and wind in global electricity generation is forecast to double to 25%in 2028 in our main case. This rapid expansion in the next five years will have implications for power systems ...

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.

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For solar PV, wind and bioenergy for power, deployment has been revised downwards. Solar PV accounts for over 70% of the absolute reduction, mainly from utility-scale projects, while offshore ...

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