



Electricity consumption exceeds solar power generation

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Solar energy production reached more than 10% of the world's electricity consumption for the first time in 2024, said an annual report from the International Energy Agency (IEA).

The increase in solar and wind power outpaced global electricity demand growth in the first half of 2025. Solar alone met 83% of the rise, with many countries setting new records.

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, according to a new ...

The global share of wind and solar power is growing rapidly Last year, electricity generation from renewable sources provided a record 32% of the world's electricity. This is stated in ...

At the same time, lower year-on-year electricity generation from wind and hydropower during this period boosted fossil-fired generation, which further contributed to higher power prices.

Electricity demand is growing around the world but the growth in solar and wind was so strong it met 100% of the extra electricity demand, even helping drive a slight decline in coal and...

While high electricity prices - and new incentives that increased the economic attractiveness of residential and commercial systems - accelerated the expansion of solar PV in 2022 and 2023, ...

For the first time, renewable energy has overtaken coal as the primary source of electricity around the world, a new report says, indicating a shift in the global reliance on environmentally...

We expect the combined share of generation from solar power and wind power to rise from about 18% in 2025 to about 21% in 2027. In our STEO forecast, utility-scale solar is the fastest ...



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