

This is the first month in recorded history where solar energy exceeded nuclear in electricity output. According to Ember, "solar power reached 10% of global power generation for the ...

Solar power Solar and wind power has grown faster than electricity demand this year, report says A new analysis of solar and wind power shows its generation worldwide has outpaced electricity demand ...

The data shows that renewables such as wind, solar, and battery capacity are growing at a much faster rate than traditional fossil fuels such as coal and natural gas.

Nationally, solar achieved 10.6% of U.S. electricity in April, while California contributed nearly 42% of its power from solar at peak. This surge is crucial--but without urgent homeowner ...

Sources: China Photovoltaic Industry Association, NEA results, February 2025; Climate Energy Finance, Monthly China Energy Update, February 2025; IEA, National Survey Report of PV ...

The mix of all renewables provided almost 40% more electricity than did nuclear power during the first four months of 2024 and surpassed nuclear power by 72.1% in April alone.

In April, solar provided 87% of new capacity, making it the 20th consecutive month solar has taken the lead, according to data belatedly posted on July 1 by the Federal Energy Regulatory...

PJM has been slow to develop utility-scale solar, but that may be changing. The region has set three peak records this month, topping 11,000 MW for the first time April 1 and then breaking ...

When the Moon blocks the Sun during an eclipse, utility suppliers have to pull power from the grid to make up for gaps in solar energy.

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. ...

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