

Global electricity generation from solar will quadruple by 2030 and help to push coal power into reverse, according to Carbon Brief analysis of data from the International Energy Agency (IEA).

Renewable energies including wind and solar have surpassed coal as the world's primary source of electricity.

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. electricity generation will ...

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...

In the initial six months of 2025, renewable energy overtook coal as the largest source of electricity generation for the first time ever, marking what researchers called a "historic shift."

Coal, a time-tested fossil fuel, has powered industries for centuries, while solar power, harnessed from the sun's rays, is the leader in renewable energy technologies.

For the first time on record, renewable energy from solar and wind produced more electricity than coal in the first half of 2025. For the first time ever, renewable energy has overtaken coal...

Renewable energy overtook coal as the world's leading source of electricity in the first half of this year - a historic first, according to new data from the global energy think tank Ember.

The economics of power generation are increasingly favoring ...

Therefore in an electricity system without sufficient grid energy storage, generation from other sources (coal, biomass, natural gas, nuclear, hydroelectricity) generally go up and down in reaction to the rise and fall of ...

The economics of power generation are increasingly favoring renewable energy sources like solar. With diminishing costs and enhanced efficiency, solar power is emerging as a highly competitive alternative ...

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