

In 2026, the average annual operating hours for wind power generation will be approximately 2,310, a slight decrease from 2025. Considering the growth in installed capacity, wind ...

Renewable sources--wind, solar, hydro, biomass, and geothermal--accounted for 22% of generation, or 874 billion kWh, last year. Annual renewable power generation surpassed nuclear ...

Wind farms have generated a record share of U.S. electricity production so far in 2024, and are the second largest source of clean power behind nuclear plants in the U.S. generation system.

Solar and wind are growing fast enough to meet all new electricity demand worldwide for the first three quarters of 2025, according to new data from energy think tank Ember.

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 new Berkley Lab analysis finds that despite an expected future reduction in the number of turbines per power plant, the total estimated annual energy output of wind plants will increase due ...

According to data from the Federal Energy Regulatory Commission (FERC), wind energy accounted for 30.1% of the new electricity capacity added in January 2025, and as the most-used renewable ...

Wind speeds increase with height above the Earth's surface. Average hub height is 103m for U.S. onshore wind turbines, 7 and 124m for global offshore turbines. 8

The addition of over 72 GW of new capacity globally demonstrates the sector's resilience and the trust that governments, investors, and communities continue to place in wind power as a ...

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 wind...

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