

# Wind power and photovoltaic power generation installed capacity



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### [FERC reports solar plus wind were over 88% of new US capacity in 2025](#)

Solar + wind are a quarter of US generating capacity; all renewables combined are over a third: Taken together, wind and solar constitute nearly a quarter (24.1%) of the US's total available

### [Solar and wind make up 90% of new US electricity capacity so far this](#)

A review by the SUN DAY Campaign of data released by the Federal Energy Regulatory Commission (FERC) reveals that the combination of solar and wind accounted for 90% of new U.S.



### [FERC: Solar + wind made up 90% of new US power generating capacity](#)

Solar and wind accounted for 90% of new US electrical generating capacity added in the first seven months of 2025, according to data just released by the Federal Energy Regulatory

## Renewable electricity - Renewables 2025 - Analysis

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





## Renewable Capacity Highlights 2025

Renewable power capacity increased by 585 GW (+15.1%) in 2024. Over three-quarters of the capacity expansion was due to solar energy which witnessed an increase of 452 GW (+32.2%); this was

### [U.S. wind generation hit record in April 2024, exceeding coal-fired](#)

In March 2004, coal-fired generation produced 154.3 TWh of electricity, while wind produced 1.3 TWh. Installed wind power generating capacity has increased substantially in the



## Electric Generation Capacity and Energy

These tables and corresponding charts are provided to show the total installed electric generation nameplate capacity of all power plants one megawatt (MW) and larger located within California, and

### Wind energy generation vs. installed capacity, 2024

Wind energy generation, measured in gigawatt-hours (GWh) versus cumulative installed wind energy capacity, measured in gigawatts (GW). Data includes energy from both onshore and offshore wind



### [China continues to lead the world in wind and solar, with twice as](#)



The combined capacity at pre-construction and announced stages for utility-scale solar power reaches 387 GW and 336 GW for wind. This includes the second and third waves of "mega

## Global Statistics

With 1'346'866 Megawatt of installed capacity, the world has reached a new record in total installations after it had fallen short of expectations and forecasts for 2024. As expected, some of the



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