

# How much is the growth rate of wind power generation



## How much is the growth rate of wind power generation

---



### **WWEA Half-year Report 2025: Global Wind Power Growth**

The first half of 2025 has been a defining period for the global wind energy sector - not only for its record-breaking growth but for the clarity it provides about the world's energy direction.

### **US wind growth picks up speed as power demand surges**

The US is expected to add more than 7 gigawatts (GW) of new wind capacity in 2025, a 36% increase from this year, according to the latest US Wind Energy Monitor report from Wood



### **A Decade of Growth for U.S. Solar and Wind , Climate Central**

In 2024 solar power grew 27% and wind power grew 8% compared to 2023 levels. California and Texas led in solar power. Together, these two states generated 41% of all U.S. solar

### **Global wind power market**

In 2024, the total wind power capacity installed worldwide surpassed 1.1 terawatts, growing by more than 100 gigawatts in comparison to the previous year. China is the leading country



[Solar and wind to lead growth of U.S. power generation for the next](#)

We expect that wind power generation will grow



### [U.S. Department of Energy Projects Strong Growth in U.S. Wind Power](#)

According to the new reports, wind power accounted for 22% of new electricity capacity installed in the United States in 2022, second only to solar, representing \$12 billion in capital

11% from 430 billion kWh in 2023 to 476 billion kWh in 2025. In 2023, the U.S. electric power sector produced 4,017 billion kilowatthours



### **U.S. Wind Power 2025: Capacity, IRA, Renewable Growth**

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

### **Global wind power growth accelerates in first half of 2025**

By the end of June 2025, total installed capacity reached 1,245 GW (1.25 TW), representing an annual growth rate of 13.5%, with wind supplying around 12% of global electricity



### **Wind power generation, 2025**

Annual electricity generation from wind is measured in terawatt-hours (TWh) per year. This includes both onshore and offshore wind sources.

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.bartstudio.biz>