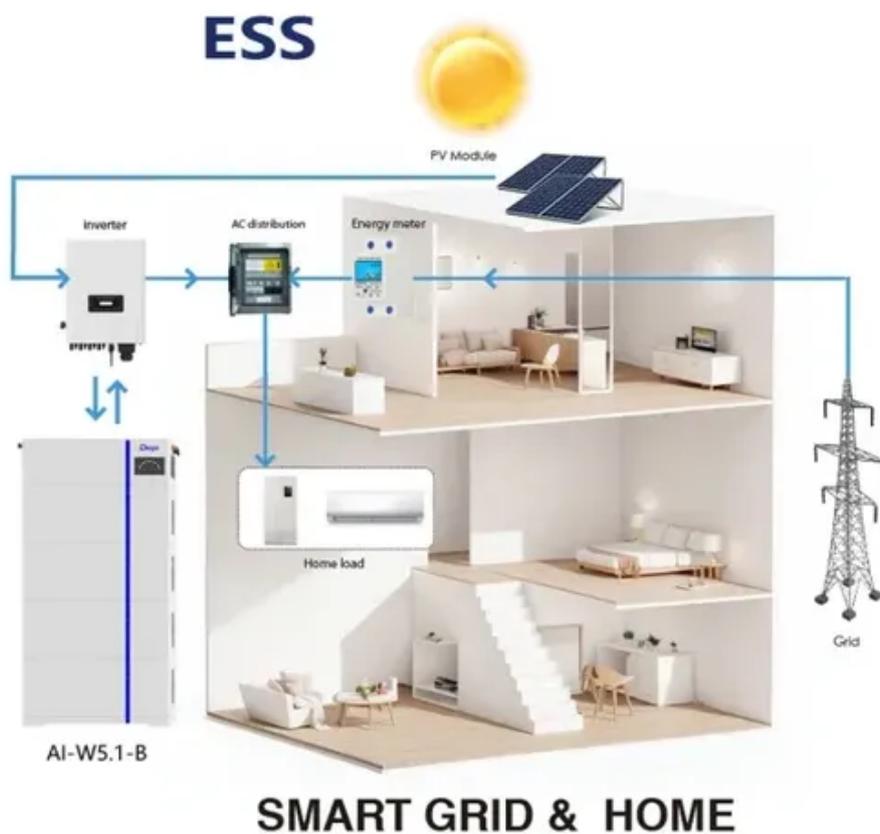




# Energy-saving wind power generation in the fourth quarter





## Overview

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This Q4 2025 release includes Q3 2025 in review, plus a 5-year look-ahead outlining expected capacity buildout, costs, supply chain, policy, and investment. Report Highlights. Delivered quarterly, the Wind Energy Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power & Renewables provides the clean power industry with exclusive insights through comprehensive research. Eighty-six percent of new capacity was from solar generation, with 12. solar power generation will grow 75% from 163 billion kilowatthours. US electric utilities that updated their IRPs in Q4 2024 did not increase load projections, but reduced planned wind and solar capacity, increased planned gas capacity and generation, and increased projected emissions. But the US wind industry is expected to rebound fast. The energy and power sector experienced transformative growth during the fourth quarter of 2024, driven by AI advancements, renewable energy projects, and strategic mergers. The integration of AI in industrial operations, significant mergers and acquisitions by key players, and the rise of EV.



## Energy-saving wind power generation in the fourth quarter

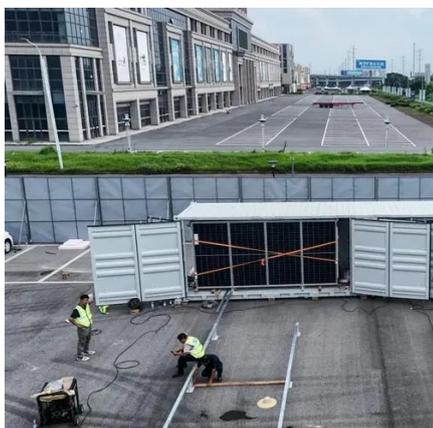


### US Wind Energy Monitor , Q4 2025

Delivered quarterly, the Wind Energy Monitor from the American Clean Power Association (ACP) and Wood Mackenzie Power & Renewables provides the clean power industry with exclusive insights ...

### Wind Energy , Department of Energy

Land-based, utility-scale wind energy projects use highly efficient, state-of-the-art wind turbines that generate cost-competitive electricity at power-plant scales.



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

As a result of new solar projects coming on line this year, we forecast that U.S. solar power generation will grow 75% from 163 billion kilowatthours (kWh) in 2023 to 286 billion kWh in ...

### [New Power Generation Quarterly: 2024 Q4](#), [Energy Democracy](#)

More than 17 gigawatts of new power generation capacity went online in the fourth quarter of 2024 and most of it was renewable: 12.6 gigawatts of large solar, 2.2 gigawatts of ...



## The State of Utility Planning, 2024 Q4

We provide analysis of expected load, planned capacity, modeled generation and emissions, and comparison to targets and decarbonization scenarios to evaluate progress toward a ...

### [Key US wind power trends and metrics to track . Reuters](#)

As of 2023, wind power accounted for 12% of U.S. electricity generation capacity, compared with 11% for solar, 8% for nuclear, 7% for hydro, 16% for coal and 43% for natural gas, ...



### [Wind Energy Growth . Energy Markets & Planning](#)

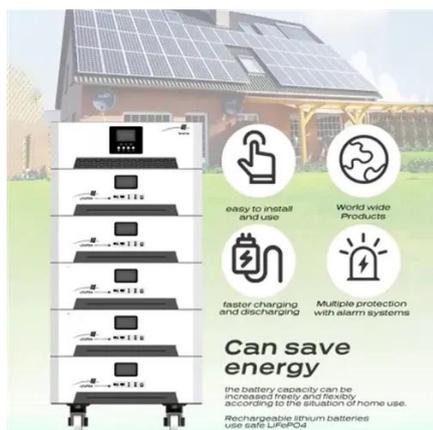
Just over 4 gigawatts (4,000 megawatts) of new wind power capacity was installed in the U.S. in 2024, down from recent years. Output from 154 gigawatts of installed wind now makes up 10.3% of the ...



### [Energy & Power Industry Q4 2024: Decarbonization & Tech](#)



The energy and power sector experienced transformative growth during the fourth quarter of 2024, driven by AI advancements, renewable energy projects, and strategic mergers.



### [US Wind and Solar Are Headed for a Record Year Despite Trump](#)

The Trump administration has been slashing green energy incentives, freezing the construction of wind farms and ordering coal-burning power plants to keep running longer than planned.

### [After a sluggish spring, US wind power is set for a 7.7 GW rebound](#)

But the US wind industry is expected to rebound fast, with 51% of forecasted capacity to come online in Q4 and full-year installations projected to hit 7.7 gigawatts (GW).





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