

# 2025 Wind power generation accounts for



## Overview

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According to data from the Federal Energy Regulatory Commission (FERC), wind energy accounted for 30., it also surpassed the previous record set in 2024. The world's wind power sector recorded strong growth in the first half of 2025, with global installations rising by 64% compared to the same period of 2024. Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity. As a result of new solar projects coming on line this year, we forecast that U. solar power generation will grow 75% from 163 billion kilowatthours (kWh) in 2023 to 286 billion kWh in 2025. Wind Power 2025 drives record capacity additions, with FERC data showing robust renewable energy growth, IRA incentives, onshore and offshore projects, utility-scale generation, grid integration, and manufacturing investment boosting clean electricity across key states. With 117 GW of new installations worldwide 2024 marked. Q1 2025 wind installations more than doubled compared to the same period last year, but regulatory uncertainty drove turbine orders down 50% in the first half of 2025—reaching their lowest level since 2020. The latest quarterly analysis from Wood Mackenzie and the American Clean Power Association.

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### 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 Energy Monitor , Q2 2025 , ACP

Q1 2025 wind installations more than doubled compared to the same period last year, but regulatory uncertainty drove turbine orders down 50% in the first half of 2025--reaching their lowest level since ...



### Renewable energy statistics 2025

Renewable energy statistics 2025 provides datasets on power-generation capacity for 2015-2024, actual power generation for 2015-2023 and renewable energy balances for over 150 countries and areas for ...

## 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

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## 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 ...

## 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

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**TAX FREE**

**ENERGY STORAGE SYSTEM**

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW/115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled



## Global Electricity Mid-Year

## Insights 2025 , Ember

Solar and wind outpaced demand growth in the first half of 2025, as renewables overtook coal's share in the global electricity mix.



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

Total new installations for 2025 are expected to reach a record 150 GW, surpassing previous annual totals of 120 GW in 2024 and 121 GW in 2023. By the end of 2025, global wind ...



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## Share of electricity production from wind, 2025

Share of electricity production from wind, 2025 Measured as a percentage of total electricity produced in the country or region.



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## GLOBAL WIND REPORT 2025: China accounts for 70% on new

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Onshore wind with 109 GW connected to the grid accounted for about 83% of new

installations, reaching a record-high. In contrast, offshore wind capacity additions reached just 8 GW--26% lower than the ...



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