



# Total wind power storage capacity





## Overview

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As of the end of 2024, China had cumulatively installed over 561 gigawatts of wind energy, in comparison to 154 gigawatts of wind energy installed in the United States. Cumulative installed wind energy capacity including both onshore and offshore wind sources, measured in gigawatts (GW). This includes onshore and offshore. Our annual report on electricity generation capacity in the United States breaks down the current and imminent generation of electricity by type of fuel, location, and ownership type. The report also looks at retirements, planned retirements, and cancellations since 2017. EIA's latest monthly "Electric Power Monthly" report (with data through November 30, 2025), once again.



## Total wind power storage capacity



### Solar, batteries, wind to make up 93% of 2025 US electricity capacity

The US Energy Information Administration (EIA) projects 32.5 GW of solar, 18.2 GW of energy storage, and 7.7 GW of wind will be deployed this year. These additions will make up nearly ...

### A comprehensive review of wind power integration and energy storage

Today, wind power is the most widely used RES, and it has experienced quick growth and advancement. In 2021, the global wind sector had its second-best year ever, installing about 94 ...



### [Monthly Wind and Solar Capacity Data , Ember](#)

This dataset contains monthly capacity data for wind and solar, including both total installed capacity as well as month-on-month and year-to-date additions. It covers 25 countries and/or regions, which ...

### Wind Energy Factsheet

Global wind capacity increased 11% annually over the last decade, reaching 1,136 GW in 2024. China led in new and cumulative capacity, followed by the U.S. and Germany. 21



## Global cumulative installed capacity of wind power 2024, Statista

China is by far the largest installer of wind power in the world, more than tripling the second-ranked United States. As of the end of 2024, China had cumulatively installed over 561 ...

## America's Electricity Generating Capacity

Of the 165,188 MW of new energy storage that is under development in the United States, 15,306 MW of additional energy storage under preparation, testing, or construction is projected to come online in ...



## Global Statistics

According to preliminary statistics published today by the World Wind Energy Association, global wind power capacity has now reached 1'173'581 Megawatt - well below the ...

## Total Installed Global Wind Energy



## Capacity Grew to 906 GW. This

Globally, 77.6 GW of new wind power capacity was connected to power grids in 2022, bringing total installed wind capacity to 906 GW<sup>1</sup>, a growth of 9% compared with 2021. The world's ...

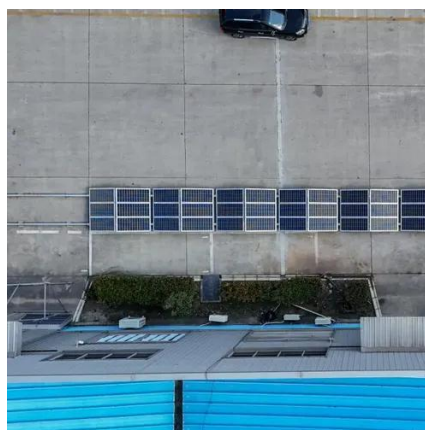


## EIA: 99%+ of new US capacity in 2026 will be solar, wind + storage

Solar, wind, and batteries are set to supply virtually all net new US generating capacity in 2026, according to the latest EIA data.

## Installed wind energy capacity

Cumulative installed wind energy capacity including both onshore and offshore wind sources, measured in gigawatts (GW).





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