



Wind power generation hits a new high

Is wind power a new record in 2024?

This TIE was updated August 14, 2024 to correct the units. Electricity generation from wind established a new record in the United States in April, and wind generation exceeded coal-fired generation in both March and April, data from our July 2024 Monthly Energy Review show.

Will wind power 80 million homes in 2023?

By the end of 2023, the world will have added enough wind energy to power nearly 80 million homes, making it a record year. FILE - Rain clouds move over wind turbines near Aschersleben, Germany, Oct. 29, 2023. By the end of 2023, the world will have added enough wind energy to power nearly 80 million homes, making it a record year.

Will more wind power be added to the US?

After years of record growth, the industry group American Clean Power expects less land-based wind to be added in the United States by year's end, about enough to power 2.7 million to 3 million homes.

How has wind power changed over the past 25 years?

Installed wind power generating capacity has increased substantially in the United States over the last 25 years, growing from 2.4 gigawatts (GW) in 2000 to 150.1 GW in April 2024. By contrast, a substantial number of coal plants have retired over the past 25 years, with total coal capacity falling from 315.1 GW in 2000 to 177.1 GW by April 2024.

Will wind power gain more ground in the electricity generation market?

There are several reasons to believe wind power will gain further ground in the electricity generation market in the coming years. Global wind generation capacity has been one of the fastest-growing forms of electricity production so far this century. It expanded around 20% per year from 2001 through 2021, according to Ember.

Will global wind power rise in the final months of 2024?

Global wind electricity generation in the first nine months of 2024 has only climbed around 7% versus the same period in 2023, according to energy think tank Ember. But historical trends suggest this figure could spike in the final months of the year, pushing annual generation to a new record.

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