



Installed capacity of wind power stations

How many GW of wind power are there in 2021?

With about 100 GW added during 2021, mostly in China and the United States, global installed wind power capacity exceeded 800 GW. 32 countries generated more than a tenth of their electricity from wind power in 2023 and wind generation has nearly tripled since 2015.

How many GW of wind power are there in 2022?

The worldwide total cumulative installed electricity generation capacity from wind power has increased rapidly since the start of the third millennium, and as of the end of 2022, it amounts to almost 900 GW.

How much wind power does the world need?

The world's installed wind power capacity now meets around 10% of global electricity demand - another important milestone. More than ten countries now have a wind power share of more than 20%, led by Denmark, which generates an astonishing 56% of its electricity from wind.

How much wind power is there in 2023?

The cumulative capacity of installed wind power worldwide amounted to approximately 1,021 gigawatts in 2023. Onshore wind power accounted for the majority of total wind power capacity, at about 946 gigawatts that year. Which country has the largest wind market?

How big is China's solar & wind power capacity?

Wind and solar now account for 37% of the total power capacity in the country, an 8% increase from 2022, and widely expected to surpass coal capacity, which is 39% of the total right now, in 2024. Cumulative annual utility-scale solar & wind power capacity in China, in gigawatts (GW)

How big is China's offshore wind capacity?

2023 Q1 globally, combined. Notably, operating offshore wind capacity has reached 31.4 GW, representing approximately 10% of China's total wind capacity, and nearly equivalent to the United States' prospective offshore

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