



# The current maximum wind power generation capacity

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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.

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 ...

China, with 145,362 MW of installed capacity, is the world's largest generator of electricity from wind energy. India is the second largest in Asia with an installed capacity of 25,088 MW. [6]

Today nearly 84,000 onshore wind turbines across the country are generating clean, reliable power. Wind power capacity totals over 155 GW, making it the fourth-largest source of electricity generation ...

Texas leads in installed wind capacity (41 GW), followed by Iowa (13 GW) and Oklahoma (12.6 GW). 7 Texas (1,323 MW) and Illinois (928 MW) installed the most new wind capacity in 2023. 7 Iowa ...

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 ...

Solar and wind made up nearly 91% of new US power capacity to the end of May 2025, according to the latest FERC data.

Table 1.1 shows the sources from which electricity can be generated in the U.S. Natural gas facilities make up a plurality of America's current generation capacity, followed by coal, wind, and solar ...

Annual global onshore wind installations surpassed 100 GW for the first time in 2023, while the U.S.



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experienced a slowdown. 10.8 GW of offshore wind capacity was added worldwide, a 24% increase ...

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

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