

Total wind power generation in 2025

This dataset contains yearly electricity generation, capacity, emissions, import and demand data for over 200 geographies. You can find more about Ember's methodology in this ...

In the first three quarters of 2025, solar generation rose by 498 TWh (+31%) and already surpassed the total solar output in all of 2024. Wind generation grew by 137 TWh (+7.6%). Together, ...

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 ...

The 2025 Global Wind Report shows global wind capacity reaching 1,136 GW, with 55 countries adding new turbines in 2024. China led new installations, followed by the USA, Germany, ...

The Global Wind Energy Council's (GWEC) Global Wind Report 2025 warns that projected wind capacity will only meet 77% of 2030 targets, jeopardizing net-zero and Paris ...

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 ...

The renewable power capacity data shown in these tables represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce ...

By April 2025, clean electricity sources, including wind and solar, were projected to surpass 51% of total utility-scale electricity generation in the U.S., building on a 25.5% renewable share seen in recent ...

Global Wind Power Growth Accelerates in the First Half of 2025. The report can here be downloaded in pdf format.

In 2024, global wind capacity additions reached around 125 GW, and this momentum is expected to continue into 2025. The GWEC Global Wind Report 2025 reviews the industry's 2024 performance ...

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