

China's solar power generation per year

China solar generation, 2014-2025 billion kWh, cumulative output from January to April each year Source: China National Bureau of Statistics

The Summary summarises the annual statistics of China's energy and power supply and consumption in the previous year, especially the development of wind power and solar PV.

China's installed capacity of wind and solar power has been on the rise over the past years. The country added 120 GW of wind and solar power in 2022, 290 GW in 2023, 360 GW in ...

China power statistics - April 2025 In the first four months of the year, wind and solar power generation capacity accounted for 89% of new capacity (see Figure 1 below). Solar continued to show significant ...

In 2020, China saw an increase in annual solar energy installations with 48.4 GW of solar energy capacity being added, accounting for 3.5% of China's energy capacity that year. 2020 is currently the ...

China's National Energy Administration (NEA) released its 2025 power sector statistics on Jan. 28, showing the country added 315.07 GW (AC) of new solar capacity last year, alongside ...

Photovoltaic (PV) technologies dominate China's solar industry, with roughly 99% of China's solar power capacity. Chinese PV manufacturing accounts for the vast majority of global PV production.

China was responsible for installing a massive 256 GW of that solar capacity. For context, it took until September last year to pass the 350 GW mark. This year, the milestone was achieved in...

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The 277 GW of utility-scale solar capacity installed in China in 2024 alone is more than twice as much as the 121 GW of utility-scale solar capacity installed in the United States at the end of ...

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