

# China's solar power generation released

How much solar power will China have in 2025?

With the April 2025 additions, China's aggregate installed solar power generation capacity has reached 990 GW, with a 47.7% year-on-year (YoY) increase. The China Photovoltaic Industry Association (CPIA) has forecast between 215 GW and 255 GW of new PV capacity additions for 2025, after growing by 277 GW in 2024.

How much solar power does China have?

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 June. That pace cements solar as the fastest-growing source of new electricity generation worldwide.

How much solar power did China install in H1 2025?

In H1 2025, the world added 380 gigawatts (GW) of new solar capacity - a staggering 64% jump compared to the same period in 2024, when 232 GW came online. 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.

Will China generate more electricity from solar or coal?

By the end of the year, wind and solar energy combined are projected to account for about half of China's total installed power capacity, while coal's share falls to around one-third, according to the China Electricity Council. The crossover does not mean China will immediately generate more electricity from solar than from coal.

China's wind and solar power installed capacity totaled 1,840 GW at the end of 2025, according to data released by the National Energy Administration yesterday.

China is set to have more solar power capacity than coal for the first time this year, marking a "historic" milestone in the country's energy transition. Data released on Monday by a ...

According to data released by the China Electricity Council (CEC) on Monday, 3 February, China's newly installed power generation capacity reached 550 million kilowatts in 2025. Of this, ...

China installed a record 315 GW (AC) of new solar capacity in 2025, lifting cumulative installed PV capacity to 1.2 TW and pushing non-fossil power sources past thermal generation for the ...

BEIJING: China added record amounts of wind and solar power capacity in 2025, while polluting coal and gas power also surged, according to data released on Wednesday (Jan by its ...

Last year was the second year that China's cumulative installed capacity of renewable energy power generation has exceeded 50 percent of the country's total installed capacity. By the ...

Solar surged 64% in H1 2025 with 380 GW added worldwide, led by China's record pace, keeping 2025 on track for new highs.

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China's cumulative installed solar power capacity surpassed 1 TW in May after nearly 200 GW of new solar plants came online in the first five months of the year, according to official data ...

China's solar power sector saw steady expansion in 2025, contributing significantly to the growth of the nation's overall power generation capacity, according to data released Wednesday by ...

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