

The current status of solar power plants in China



Overview

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 first time.

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[China's solar power capacity growth to slow in H2 after](#)

BEIJING, Aug 13 (Reuters) - China's new solar power capacity will slow in the second half of 2025 as reforms removing guaranteed pricing create uncertainty

[H1 2025: China installs more solar than rest of 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.



China Wind & Solar brief July 2025

As of May 2025, China has installed 1,080 GW of solar capacity, with May seeing China's largest monthly increase in operating capacity. China's annual solar additions jumped from 55 GW in 2021 to

[China's Solar Capacity Installations Grew Rapidly in 2024](#)

Planned solar capacity projects will likely lead to continued growth in China's solar capacity. More than 720 GW of solar capacity are in development:



Solar energy in China



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[China adds 315 GW of solar in 2025 - pv magazine](#)

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

[China starts work on solar plant built under extreme conditions, amid](#)

China has broken ground on a 50-megawatt concentrated solar power plant in Tibet at an altitude of 4,550 metres (14,900 feet), making it the world's highest-altitude parabolic trough solar



[China's solar capacity installations grew rapidly in 2024](#)

China has more utility-scale solar than any other country. 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

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