

Installed capacity of solar systems





Overview

How much solar capacity will China have in 2024?

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 2024. Planned solar capacity projects will likely lead to continued growth in China's solar capacity.

How many solar panels were installed in 2024?

In 2024, global cumulative PV capacity reached over 2.2 TW, with China alone surpassing 1 TW. At least 554 GW of new PV systems were commissioned in 2024, possibly reaching 601.9 GW. China installed up to 357.3 GW, accounting for almost 60% of new global capacity.

Does China have more utility-scale solar?

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-scale solar capacity installed in the United States at the end of 2024.

How much solar capacity did Pakistan add in 2024?

Pakistan added a record 17GW of new solar capacity in 2024. Image: World Bank. The world reached 2.2TW of cumulative installed solar capacity in 2024, with China alone accounting for 1TW of total operating capacity.



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

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[Solar electricity installed capacity , 2023](#)

Official statistics by year of solar electricity installed capacity (GW). The values are presented in tables and charts with calculations of changes and shares, and with extensive analytical ...



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[IEA: World reaches 2.2TW of cumulative installed solar capacity](#)

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