



Shuitou installs solar power generation

How much solar power did China install in the first quarter?

For more information, visit China installed a record 60 gigawatts (GW) of new solar photovoltaic (PV) capacity in the first quarter of 2025 - the highest ever recorded in a first quarter in the country's history, according to Rystad Energy research and analysis.

Did China surpass 100 GW of solar PV capacity in H1 2024?

Last year, China exceeded 100 GW of new solar PV capacity in H1 2024, with an increase of 24.06 GW over 78.42 GW the country reported for H1 2023 (see China Exceeds 100 GW Solar Installations Mark In H1 2024).

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 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.

Through photovoltaic quartz sand purification technology, Shuitou Town has effectively reduced energy consumption and reduced energy consumption by 40%. Shuitou Town has also achieved a waste ...

Guangdong Fogang Shuitou (CNNC) solar farm is an operating solar photovoltaic (PV) farm in Shuitou Town, Fogang, Qingyuan, Guangdong, China.

During H1 2025, China has added 211.61 GW of new PV capacity, more than doubling last year's figures when installs reached 102.5 GW in H1 2024.

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Shanxi Province Jiaokou Shuitouzhen solar farm is an operating solar photovoltaic (PV) farm in Shuitou, Jiaokou, Lüliang, Shanxi, China.

Note: NEA considers utility-scale solar to include projects of at least six megawatts of installed alternating current capacity. Utility-scale solar power capacity in China reached more than ...

China's solar power capacity has surpassed 1 TW, marking a historic milestone as the country accelerates its energy transition. Around 92 GW of new PV systems were installed in China ...



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

Shuitou solar PV Park is a 300MW solar PV power project located in Shanxi, China. It was developed by TBEA Xi'an Electric Technology Co Ltd. The project is currently active. The ...

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