

The latest solar power station power generation



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. Data source: IRENA (2025) - Learn more about this data processed This is the citation of the original data obtained from the source, prior to any processing or adaptation by Our World in Data. To cite data downloaded from this page.

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China adds 315 GW of solar in 2025 - pv magazine International

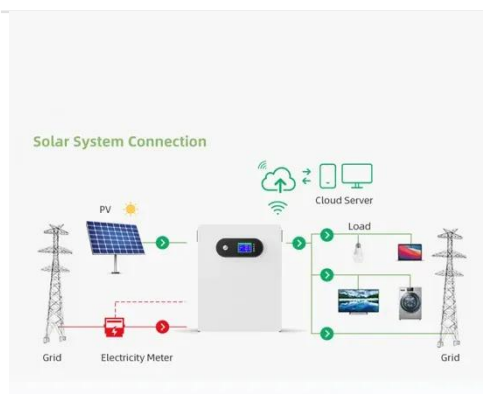
China installed a record 315 GW (AC) of new solar capacity in 2025, lifting cumulative installed PV capacity to 1.2 TW and pushing non-fossil power sources past thermal generation for the ...

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China Solar PV News Snippets

State Power Investment Corporation (SPIC) has announced the EPC tender results for a 500 MW offshore solar PV project, with Shanghai Investigation, Design & Research Institute Co., ...

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America's Electricity Generation Capacity, 2025 Update

In 2024, over 30,000 MW of solar capacity came online, which is a 30% increase in operating solar capacity. An additional 34,000 MW are under preparation, testing, or construction and projected to ...

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Solar, battery storage to lead new

U.S. generating capacity additions

In 2024, generators added a record 30 GW of utility-scale solar to the U.S. grid, accounting for 61% of capacity additions last year. We expect this trend will continue in 2025, with 32.5 GW of new utility ...

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US Expects To Add 32 Gigawatts Of Solar Power In 12 Months

"Power plant developers added 31 gigawatts (GW) of utility-scale solar PV generating capacity in 2024, which increased total U.S. utility-scale solar capacity by 34%. EIA further noted

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Clean Energy to Dominate U.S. Power Plant Construction in 2025

In contrast, solar output is forecast to increase by more than 30%. This trend highlights the U.S.'s transition toward cleaner, more cost-effective energy sources, positioning solar and storage as ...

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Installed solar energy capacity

Total renewable capacity (on-grid and off-grid) Hydropower Renewable hydropower (including mixed plants) Pumped storage (note that this is included in total hydropower capacity, but ...

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Chart: Solar, batteries to lead US power plant... , Canary Media

This year, utility-scale solar is expected to continue its winning streak as the largest source of new electricity generation. More than half of new power plant capacity built this year will be ...

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How China's solar plant delivers 24/7 clean power--even at night!

Discover how China's Dunhuang Phase II solar power plant is transforming solar energy by generating electricity around the clock with innovative molten salt

storage. This video explores the

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