



# Share of solar power generation in Northeast China





## Overview

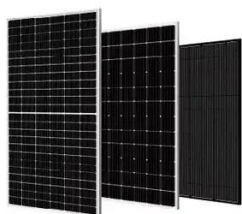
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China achieved a new milestone in its energy transition, with wind and solar power together generating a quarter (26%) of the country's electricity in April 2025, the highest monthly share on record, according to the latest data from global energy think tank Ember. From 2020 to 2024, Heilongjiang increased its share of clean power generation by more than any other province in China except Liaoning, also in the north-east (Image: Xinhua / Alamy) China has been steadily shifting towards a cleaner power mix. The 28% share of non-fossil fuel generation in 2015. 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. China's National Energy Administration (NEA) released its 2025 power sector statistics on Jan. Solar showed significant growth of +75% yoy during this period, with 105GW added during this period. In the month of April alone, 45. Rapid solar capacity expansion overwhelms the grid, PV manufacturers compete for market shares, and then large target markets slap import tariffs on Chinese PV products, taking off their competitive edge.



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### Solar energy in China

Rapid solar capacity expansion overwhelms the grid, PV manufacturers compete for market shares, and then large target markets slap import tariffs on Chinese PV products, taking off ...

### [China's north cleans up its power mix as the south lags](#)

The increase in clean power generation in the north-east came from wind, nuclear, bioenergy and solar, in that order. In terms of capacity, 21 gigawatts (GW) of wind power were ...

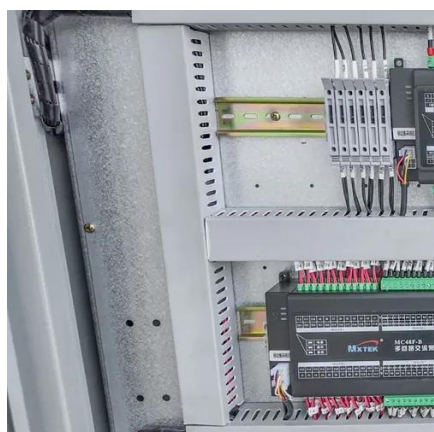


### Electricity production by source, World

Solar (photovoltaic) panels cumulative capacity  
Solar and wind power generation  
Solar energy generation by region  
Solar energy generation vs. capacity  
Solar photovoltaic module prices vs. ...

### [China achieves new milestone in energy transition](#)

China has set a new benchmark in its transition to renewable energy, with wind and solar power sources generating 26% of the nation's electricity in April 2025. The achievement marks ...



### [Wind and Solar Reach 25% Share of China's Electricity Mix](#)

China reached a significant renewable energy milestone in April, with wind and solar power together generating 26% of the country's electricity, marking the first time these sources have supplied more ...

### [WIND POWER AND SOLAR PV CONTINUE TO EXPERIENCE ...](#)

According to the National Energy Administration's forecast, the share of installed capacity of non-fossil energy will increase to about 55% in 2024, and the share of wind and solar power generation will ...



### **China electricity statistics**

CEF's discussions with China's XCMG heavy equipment OEM indicate China will readily deliver on this new ambitious target, as XCMG is now possibly the world's largest mine and haulage electric vehicle ...



### [Solar power generation utilization rate in Northeast China](#)



Solar power generation: High solar energy utilization rate mainly appears in the spring, and the autumn utilization rate is also relatively high, and there is an overall trend of



[Wind and solar generate over a quarter of China's electricity for the](#)

Wind power accounted for 13.6% of generation while solar contributed 12.4%. The rise of solar power in particular has been remarkable. The share of solar power has tripled in the last five ...

[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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