

China's solar power generation in the next decade

With wind and solar generation growing exponentially and challenging fossil generation, and with the wider economy electrifying fast, China's energy-related fossil fuel demand is likely soon to begin falling.

China is adding more solar and wind power to its energy grid than any other economy - but that huge buildout has its challenges. Here's what we can learn

As the demand for solar power increases due to climate change, the cheap nature of Chinese photovoltaic cells has resulted in China's solar exports growing massively in recent years in spite of ...

China is set to have more solar power capacity than coal for the first time this year, marking a "historic" milestone in the country's energy transition. Data released on Monday by a ...

OverviewControversyHistorySolar resourcesSolar photovoltaicsConcentrated solar powerSolar water heatingEffects on the global solar power industryThe government subsidies for solar power energy projects have been considered "unsustainable" as the costs of subsidizing a rapidly growing industry are massive and some of China's struggles dealing with the costs have become visible. The renewable energy fund, which is paid by consumers, has a 100 billion yuan deficit while tariff payments have occasionally been paid late. Government subsidies for solar power have also been attributed to over construction, as many solar power projects have been f...

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 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 ...

China's solar energy production is reaching simply staggering levels, dragging energy costs down around the globe.

China's solar generating capacity is expected to surpass coal for the first time this year, according to the country's top electricity industry group, marking a milestone in the country's ...

China is set to break new ground in its energy transition, with 2025 renewable capacity additions projected to exceed 500 GW, driven by surging solar and wind deployment, according to a ...

Between January and April 2025, China had already added 104.9 GW of solar installations, including 45.2

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GW in April alone, a 215 percent year-on-year increase. The country"s ...

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