

In Q1 2025, China's wind and solar capacity surpassed its thermal (coal and gas) capacity for the first time, supplying nearly 23% of the country's total electricity consumed, up from roughly 18% in Q1 of ...

Put another way, this means that new zero emissions electricity generation in China in the first four months of 2025 more than covered all new electricity demand growth (which was +3.8% yoy to ...

In April 2025, China hit a new record of 96 TWh of solar generation, surpassing the previous record of 89 TWh set in August of 2024. This record may soon be surpassed again as ...

China's wind and solar capacity rose to 1,482 GW in the first quarter of 2025, overtaking coal for the first time, driven by 59.7 GW of new PV additions, according to the National Energy...

The growth of solar power industries worldwide has been rapidly accelerated by the growth of the solar market in China. Chinese-produced photovoltaic cells have made the construction of new solar ...

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 ...

OverviewHistorySolar resourcesSolar photovoltaicsConcentrated solar powerSolar water heatingEffects on the global solar power industryGovernment incentivesPhotovoltaic research in China began in 1958 with the development of China's first piece of monocrystalline silicon. Research continued with the development of solar cells for space satellites in 1968. The Institute of Semiconductors of the Chinese Academy of Sciences led this research for a year, stopping after batteries failed to operate. Other research institutions continued the development and research of sola...

China installed 104.93 GW of solar from January to April 2025, surpassing the 100 GW milestone 2 months earlier than in 2024, when the mark was reached in the first half, according to the ...

China's energy investment hit nearly \$500B in 2025 as power capacity surged to 3.9 TW, led by massive wind and solar expansion.

China's cumulative installed power generation capacity had reached 3.72 billion kilowatts by the end of September 2025, marking a year-on-year increase of 17.5 percent, official data showed ...

In the first half of 2025, the country installed more than twice as much solar capacity as the rest of the world combined, accounting for 67% of global additions.

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