

OverviewSourcesRenewable electricity overviewNational laws and policiesClean Development Mechanism projects in ChinaEnvironmental protection and energy conservationEnergy production and consumptionChallengesAs of 2020, China had more than 150 dams with generating capacity of more than 300 megawatts and installed capacity of 369 gigawatts. As of 2021, China operates four of the world's six largest dams. These include the world's biggest (Three Gorges Dam, with 22.5 gigawatts capacity) and second biggest (Baihetan Dam).

It opened a solar power farm at an altitude of 5,940 feet, but it can generate only about 0.5 megawatts, enough to power about 80 American households.

Data and information about Solar power plants and their location plotted on an interactive map of China.

Situated in the Gobi Desert, China's Midong Solar Park is a 133 km²; installation designed to generate 5 GW of power, enough to supply energy to over 2 million households.

Haidian Beijing Remote Solar PV Park is an 88MW solar PV power project. It is located in Beijing, China.

Jiangsu Haian Baidian solar farm is a solar photovoltaic (PV) farm in pre-construction in Baidian Town, Hai'an City, Nantong, Jiangsu, China.

The solar power park has encouraged surrounding villagers to raise what they call "photovoltaic sheep" since 2018. They have been provided with four free sheep pens, enabling the ...

China also added approximately 216 gigawatts (GW) of solar power and around 80 GW of wind power in 2023, representing the largest annual capacity increase recorded to date.

Some of the largest projects under development are in the Inner Mongolia region in northern China. The Kubuqi Desert in Inner Mongolia is the planned site of the largest collection of ...

As of 2025, there were over 10 thousand solar farms in operation in China with a combined capacity of over 447.51 gigawatts.

As the Trump administration's "Big, Beautiful Bill" eliminates many clean-energy incentives in the U.S., China continues huge investments in wind and solar power, reportedly accounting for 74...

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