

# China's largest solar power station

The Huanghe Hydropower Hainan Solar Park in China's remote Qinghai province is the largest solar facility in the country and the second-largest in the world. It has an installed capacity of ...

In 2011, China owned the largest solar power plant in the world at the time, the Huanghe Hydropower Golmud Solar Park, which had a photovoltaic capacity of 200 MW. In 2018, it held the record again ...

The 1.5 GW Tengger Desert Solar Park, also known as Great Wall of Solar, is the largest solar PV power station in China.

It's the largest single-unit solar power station in the world, and covers a staggering 200,000 acres [312 square miles] of desert.

China has just connected what it believes to be the world's biggest solar power plant to the grid in northwestern Xinjiang.

OverviewHistorySolar resourcesSolar photovoltaicsConcentrated solar powerSolar water heatingEffects on the global solar power industryGovernment incentivesChina is the largest market in the world for both photovoltaics (PV) and solar thermal energy. Its PV capacity crossed 1,000 gigawatt (one terawatt, 1 TW) in May 2025. By June 2025, China's PV capacity surpassed 1,100 gigawatt. In 2024, China added 277 gigawatts (GW) of solar power, which was equivalent to 15% of the world's total cumulative installed solar capacity.

Located in remote Qinghai province, with a total installed capacity of 2.2 gigawatts, it is China's largest and world's 2nd largest solar plant. The development plan of the project was divided into 5 phases ...

China has transformed a vast stretch of shallow coastal waters into the world's biggest open-sea solar power facility, capable of powering millions of households. The HG14 project off Dongying in ...

XINING, June 9 -- Amid China's green energy revolution, the world's largest solar photovoltaic power plant on the Qinghai-Xizang Plateau is forging a unique development path, ...

China Green Electricity Investment of Tianjin, a subsidiary of China Green Development Group (CGDG), has switched on the 3.5 GW Midong PV farm in Urumqi, China's Xinjiang region. ...

China's 3 GW Mengxi Blue Ocean PV Power Plant in the vast and remote Gobi Desert was reportedly commissioned in early November. The plant is located on a former coal mining site in ...



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