

# Can solar power be generated in the Tarim Desert

China's solar-powered Tarim Desert Highway, recognized as the longest photovoltaic irrigation and sand control project in China, has generated more than 5 million kilowatt-hours of ...

China's Tarim Oilfield, a main gas source for the West-East Gas Pipeline, has generated more than 2 billion kilowatt-hours of solar power in 2025, with peak daily output exceeding 10...

Within the Tarim oilfield, five large- scale solar power stations have been built, with a cumulative installed generation capacity of 2.6 gigawatts. Also, full- scale constructi&#173;on of a 100- ...

China's largest ultra-deep oil and gas production base, the Tarim oilfield, has reached a major clean energy landmark after its annual solar power generation exceeded 2 billion kWh, ...

Located in the heart of the Taklimakan Desert, the oilfield's large-scale, distributed photovoltaic projects now form a combined oil, gas and renewable energy system.

Workers of PetroChina's Tarim Oilfield branch set up photovoltaic equipment along the Tarim Desert Road in northwest China's Xinjiang Uygur Autonomous Region, March 20, 2022.

To date, Tarim Oilfield has completed five centralized solar power projects with a total installed capacity of 2.6 million kilowatts, along with 239 distributed photovoltaic projects at ...

(Yicai) June 11 -- The Tarim Desert Highway, which is China's longest solar irrigation and desertification control project, has generated over 5 million kilowatt-hours of renewable electricity to-date, state ...

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