



# Tarim Solar Thermal Power Generation Project

How much solar power is generated at PetroChina Tarim Oilfield?

URUMQI, Dec. 28 (Xinhua) -- The annual solar power generation at PetroChina Tarim Oilfield, the country's third-largest onshore oil and gas field, has surpassed 2 billion kWh as of Sunday.

How many solar projects has Tarim Oilfield completed?

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 production stations and individual oil and gas wells, totaling 63,000 kilowatts.

How many kilowatts a year has photovoltaic power produced in Tarim Oilfield?

Photovoltaic power generation in the Tarim oilfield has achieved "three leaps in three years" - from 260 million kilowatt-hours in 2023 to 1.34 billion kilowatt-hours in 2024 and 2 billion kilowatt-hours this year, Liang Yulei, a manager at PetroChina's Tarim Oilfield, was quoted as saying in the news report.

How much green electricity does Tarim Oilfield generate?

"Based on the national residential electricity consumption in 2024, the 2 billion kWh of green electricity generated here can meet the annual electricity needs of more than 1.8 million people," said Liang Yulei, head of the new energy department at Tarim Oilfield.

China's Tarim Oilfield's five solar power plants have pushed annual photovoltaic electricity generation beyond 2 billion kilowatt-hours, setting a new milestone for integrated fossil fuel ...

Within the Tarim oilfield, five large-scale solar power stations have been built, with a cumulative installed generation capacity of 2.6 gigawatts.

Workers patrol at a station of the Tarim Oilfield in northwest China's Xinjiang Uygur Autonomous Region, Feb. 6, 2023. (Xinhua/Li Xiang) URUMQI, Dec. 28 (Xinhua) -- The annual solar power generation at ...

China National Petroleum Corporation (CNPC) has marked a major step in its green transition with the successful commissioning of its largest-ever solar project at the Tarim oilfield in the ...

China's Tarim Oilfield achieves 2 billion kWh solar generation in 2025, balancing energy production with environmental goals in Xinjiang's desert region.

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Solar energy On December 28th, as disclosed by Chinese state news agency Xinhua, Tarim oil field, operated by PetroChina, surpassed the mark of 2 billion kilowatt-hours (kWh) of ...



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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, according to data ...

China's oil and gas production base, the Tarim oilfield in Xinjiang, has achieved annual photovoltaic power generation exceeding 2 billion kWh. Daily peak output has surpassed 10 million ...

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