

Tarim Basin Solar Power Station

Why is Tarim Basin so difficult to explore?

Tarim Basin is a major petroliferous basin in China, and one of the most difficult areas to explore due to its harsh ground environment and complicated underground conditions. The company has discovered and developed 32 large and medium-sized oil and gas fields, with the total output exceeding 470 million tonnes over the past 30-plus years.

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.

Where is the Tarim Oilfield located?

The Tarim Oilfield is located in the hinterland of the Taklimakan Desert, the largest desert in China, within the Tarim Basin of Xinjiang. The green energy generated is equivalent to 22,200 tonnes of standard oil, reducing carbon dioxide emissions by 70,500 tonnes, according to the China National Petroleum Corporation (CNPC).

How many solar power stations are there in Xinjiang?

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 construction of a 100-megawatt photovoltaic project in Xinjiang's Luntai county, located on the northern edge of the Taklimakan Desert, has recently commenced.

China's largest ultra-deep oil and gas base, the Tarim oilfield in Xinjiang, has generated over 2 billion kWh of solar power this year. With five large-scale solar stations and 239 distributed projects, the ...

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

The photovoltaic power project in the Tarim Oilfield of northwest China's Xinjiang Uygur Autonomous Region has generated over 105 million kilowatt-hours (kWh) of green electricity so far ...

Yunnan starts 1st Grid-Forming Shared Energy Storage Power Station; China Datang opens 1st PV-CSP demo base in Xinjiang. More China Solar PV News Snippets here.

This aerial photo taken on November 4, 2023 shows a major gas and oil processing station in the Fuman oilfield in northwest China's Xinjiang Uygur Autonomous Region. The Fuman ...

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

The total installed photovoltaic capacity of the Tarim Oilfield has leapt to 1.3 million kilowatts. The construction of the PV power generation project begun in May 2023.



Tarim Basin Solar Power Station

The energy project, to be located in the Taklamakan Desert in the Tarim Basin, is designed to have a total power generation capacity of 12.5 million kilowatts (kW), comprising 8.5 ...

Located in northwest China's Xinjiang Uygur Autonomous Region, Tarim Basin is a major petroliferous basin in China. The company has discovered and developed 32 large and medium ...

The annual solar power generation at PetroChina Tarim Oilfield, China's third-largest onshore oil and gas field, has surpassed 2 billion kWh as of Sunday.

Web: <https://www.rocksteadyfloors.co.za>

