

How much green energy does Xinjiang have?

According to Wang, the base can generate about 2.1 billion kWh of electricity from green energy annually, nearly 4.5 percent of Shihezi's total electricity output in 2022, saving 650,000 tonnes of standard coal. Xinjiang's installed power capacity from new energy sources has surpassed 62 million kilowatts.

How many new energy projects are in Xinjiang?

Currently, Xinjiang has over 70 million kW worth of new energy projects under construction and is accelerating the development of 10-million-kW-level new energy bases. Xinjiang also has 13 solar thermal projects under construction, contributing to the national total of 33 projects.

What is Xinjiang's new energy push?

Xinjiang's new energy push is part of the country's accelerating shift from fossil fuels to clean energy. Official data showed that China's installed capacity of renewable energy power generation totaled 930 million kilowatts by the end of 2020, accounting for 42.4 percent of the country's total.

Where are Xinjiang Uygur solar panels located?

An employee inspects photovoltaic panels at a solar power plant in Hami prefecture, the Xinjiang Uygur autonomous region, in September. [Photo by Cai Zengle/China News Service] URUMQI - In the vast Gobi Desert in the Xinjiang Uygur autonomous region, over 10,000 pentagonal mirror-like devices form concentric rings resembling a radiating sun.

How much energy will Xinjiang have by 2025?

By 2025, Xinjiang's installed capacity of new energy is expected to exceed 116 million kW, accounting for more than half of Xinjiang's total installed capacity, which provides strong support for continuous energy structure optimization and high-quality economic development of the region.

What is Xinjiang's photothermal power station?

At the very center of the stellar array stands a 220-meter tower. The project is an attempt by the region to capitalize on its abundant solar energy and turn it into heat and electricity. The photothermal power station is the first of its kind in Xinjiang.

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6 ???· The photothermal power station is the first of its kind in Xinjiang. It can generate power equivalent to that of burning some 60,000 metric tons of standard coal each year, reducing ...



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