

What is Xinjiang's solar power station?

At the very center of the "sun" stands a 220-meter-high tower. It is not a mysterious ritual from the old days, nor artwork. The project is a modern attempt by the region to capitalize on its abundant solar energy and turn it into heat and power. The photothermal power station is the first of its kind in Xinjiang.

How much energy does Xinjiang produce?

Xinjiang generated some 84.45 billion kilowatt-hours of clean energy power last year, a record high. About 32 percent of the electricity was transmitted to 20 other Chinese provinces, regions and municipalities, helping cut over 23 million tonnes of carbon dioxide.

Is Xinjiang a greener country?

With the largest land area among provincial level regions in China, Xinjiang is home to vast expanses of Gobi deserts with limited rainfall but strong wind and sunshine. The far west Chinese region has been a pioneer in the country's new energy drive by turning its natural endowments into power for a greener future.

How has China's Wind and solar power industry impacted economic growth?

The rapid expansions of the wind and solar power industries have made significant contributions to China's broader economic growth. Data from the National Bureau of Statistics shows that in the first half of this year, China's output of photovoltaic cells and wind turbines increased 54.5 percent and 48.1 percent, respectively.

Why is China promoting green coal mining?

China has established a long-term mechanism for green coal mining and built modern coal mines that are safe, intelligent and eco-friendly. It has implemented comprehensive management and ecological restoration of mining areas, resulting in continuous improvement to the eco-environment in these areas.

LANZHOU, July 19 (Xinhua) -- In Guazhou County of northwest China's Gansu Province, a solar thermal energy storage power station can generate power for 24 hours non-stop. Its main ...

BEIJING, Sept. 27 (Xinhua) -- Over the past three months, Anhui Huasun Energy Co., Ltd. has been racing against time to make solar modules for a gigantic photovoltaic project in China's ...

BEIJING, Oct. 1 (Xinhua) -- China's total installed capacity for new energy generation, including wind, solar and biomass power, topped 1.27 billion kilowatts by the end of August, according ...

With more than 250 days of sunshine per year, Greece is rich in renewable solar energy potential. According to a recent report by the Hellenic Association of Photovoltaic ...

Over the past decade and more, while accelerating the restoration of natural vegetation and curbing desertification, Ningxia has continuously improved the comprehensive ...

URUMQI, Dec. 30 (Xinhua) -- Rich in sunshine, Xinjiang Uygur Autonomous Region is significant in China's solar power generation. Besides increasing the installation and grid connection of ...

China aims to see its total installed wind and photovoltaic power capacity surpass 1.2 billion kilowatts by 2030 as it accelerates the shift toward a cleaner energy system. The ...

New-energy electricity generation in Xinjiang reached 84.5 billion kWh and accounted for 24 percent of the total electricity produced in 2020, mostly attributed to solar power. It is equal to the ...

XINING, June 9 (Xinhua) -- 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, ...

HOHHOT, April 4 (Xinhua) -- The northern region of China is witnessing a remarkable surge in the construction of solar and wind power parks along its desert belt and this development is ...

BEIJING, Dec. 2 (Xinhua) -- China's total installed capacity of renewable energy rose 20.8 percent year on year to top 1.4 billion kilowatts at the end of October, data from the National Energy ...

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