

# China s largest wind power generation base



## Overview

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The Jiuquan Wind Power Base, otherwise known as the Gansu Wind Farm, is the world's largest wind power complex; is located in the Gobi Desert near Jiuquan in China's Gansu Province; has 7,000 turbines with a planned 20GW capacity; enough to provide electricity to a small country. The Jiuquan Wind Power Base, otherwise known as the Gansu Wind Farm, is the world's largest wind power complex; is located in the Gobi Desert near Jiuquan in China's Gansu Province; has 7,000 turbines with a planned 20GW capacity; enough to provide electricity to a small country. China is the world leader in wind power generation, with the largest installed capacity of any nation [1] and continued rapid growth in new wind facilities. [2] With its large land mass and long coastline, China has exceptional wind power resources: [3] Wind power remained China's third-largest. China has more wind and solar capacity than any other country in the world. The country analysis brief on China released by the U. Energy Information Administration in May of 2025, shows that China added 76 gigawatts of wind energy in the year 2024. China has played an extraordinary role in advancing global wind power, adding 79.8 million kW of new capacity in 2024 -- up from 75.

## China's largest wind power generation base

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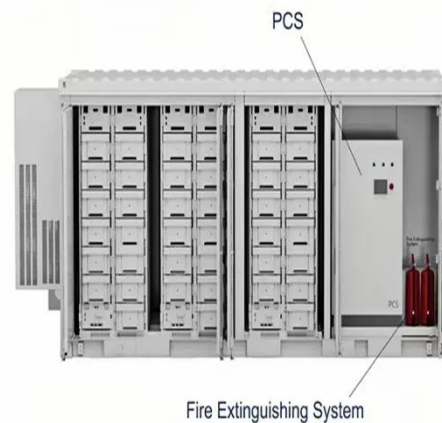
### China's largest onshore wind power base at full ...

China's largest onshore wind power base starts full-capacity production in North China's Inner Mongolia autonomous region on Sunday.

### China's solar and onshore wind capacity reaches new heights, while

Among China's iconic projects is the 1.7 GW Yangjiang Shaba III complex in the South China Sea, China's largest deep-sea wind farm. This project alone accounts for nearly 10% of Guangdong

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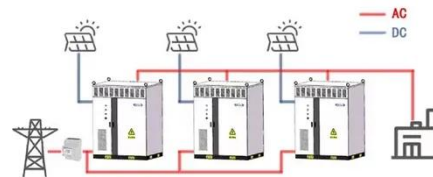
### China's Largest Land-Based Wind Turbine Installed with Record ...

A giant 16.2-megawatt land-based wind turbine, the largest single-unit onshore wind power generator in China, has been successfully installed in the eastern province of Jiangsu, ...

## China's installed wind power generation capacity tops world for 15

China's installed wind power generation capacity has consistently ranked first in the world for an impressive 15-year streak, according to the latest data released by the China Electricity ...

WORKING PRINCIPLE



## China Does In Fact Have Wind Turbines, A Lot Of Them.

According to the Global Wind Energy Council's 2024 Global Wind Report the Jiuquan Wind Power Base, sometimes known as Gansu, is the largest onshore aggregation of wind farms in ...

## GLOBAL WIND REPORT 2025: China accounts for 70% on new ...

The Asia-Pacific region remains at the forefront, with China accounting for 70% of global installations. Europe holds its position as the second-largest wind market, adding 16.4 GW of new capacity -- 12.9 ...



## How Much Wind Power Does China Actually Produce? The U.S.

The U.S. International Information Administration provides a full picture of China's energy generation statistics that

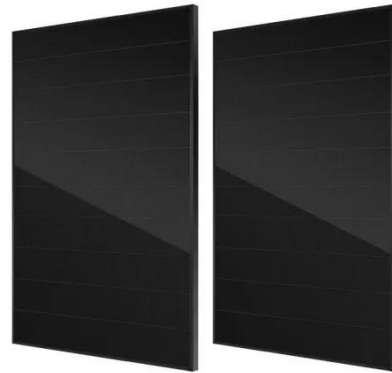
show that China has more wind and solar capacity than any other country in ...



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## Why China is widely recognized as a global leader in wind energy

China has ranked first worldwide in installed wind power capacity for 15 consecutive years. The country's wind power capacity has expanded to 600 million kW by the end of November ...



## Wind power in China

China became the largest wind energy provider worldwide in 2010, with the installed wind power capacity reaching 41.8 GW at the end of the year. However, about a quarter of this capacity was not ...

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## Gansu Wind Farm: World's Largest Wind Farm

Among the many impressive feats in global wind energy development, the Gansu Wind Farm in China stands out as a symbol of both ambition and

achievement. Known also as the Jiuquan

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