



National wind power and photovoltaic power generation base

Where is the world's largest wind power & photovoltaic base project located?

The world's largest wind power and photovoltaic base project in China, which is a 10-million-kilowatt new-energy base, began construction in Ordos, North China's Inner Mongolia Autonomous Region.

Will China build a wind and solar power base in 2022?

According to a plan issued by the National Development and Reform Commission (NDRC) and the NEA in 2022, China will build wind and solar power bases with an installed capacity of 455 million kilowatts by 2030. China's southwest can support both hydro and wind power due to its varied landscape, comprising rivers and mountains.

How can we accelerate the construction of large-scale wind and PV power bases?

To accelerate the construction of large-scale wind and PV power bases in deserts and Gobi areas, and actively promote the construction of multi-energy and complementary clean energy bases in the upper Reaches of the Yellow River, Xinjiang and northern Hebei.

How many kW of solar power will be installed at the base?

The clean energy projects at the base are planned to have an installed capacity of 6 million kW, which includes 4.5 million kW of wind power and 1.5 million kW of solar power. Construction of the supporting energy storage facilities is also included.

What is a 1 million kilowatt wind-solar power project?

A view of the 1 million-kilowatt wind-solar power project in Qingyang, Northwest China's Gansu Province, the first project to enter service at the Huaneng Longdong Energy Base, the country's first 10-million-kilowatt multi-energy complementary comprehensive energy base [Photo/sasac.gov.cn]

What is the growth rate of wind and photovoltaic power in China?

During the 12th Five Year Plan for Economic and Social Development of the People's Republic of China (12th Five-Year Plan) period, the combined annual power generation of wind and photovoltaic (PV) power in China accounted for less than 4%, annual growth of about 0.6% (Fig. 1). Fig. 1.

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