

New Energy Base Station Wind Power Construction and Installation





Overview

What is CHN energy's wind power base project?

On April 26th, CHN Energy's 2.5 GW Wind Power Base Project in Ningxia Tengger "Desert, Gobi, and Barren Land" area, covering Guyuan City, Hongsibao District of Wuzhong City and Haiyuan County, was approved and is about to enter the construction phase.

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 China's first GW-level wind power project?

This is the first wind power project in China's largest "Desert, Gobi, and Barren Land" Energy Base. The total investment of the wind power project is approximately 12 billion yuan. It is the first GW-level wind power project in the Ningxia Tengger "Desert, Gobi, and Barren Land" Energy Base. Its construction is expected to start within the year.

How will China's new power base work?

All projects at the base are scheduled to be put into operation within China's 14th Five-Year Plan (2021-25) period. Once operational, the base is expected to export 24 billion kWh of power annually to East China's Shandong Province through the ultra-high-voltage power transmission line.



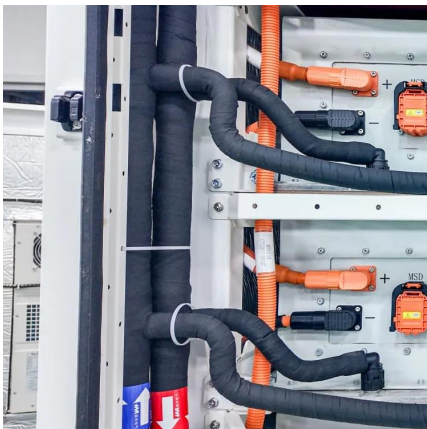
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China promotes construction of large-scale wind and solar power ...

China has been promoting the construction of large-scale wind power and photovoltaic (PV) bases since the beginning of this year. The newly installed wind and solar ...

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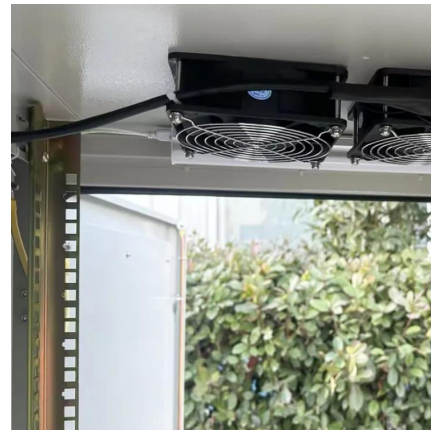
[Projects at China's 1st 10 Million KW Multi ...](#)

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[The First Wind Power Project in China's Largest "Desert, ...](#)

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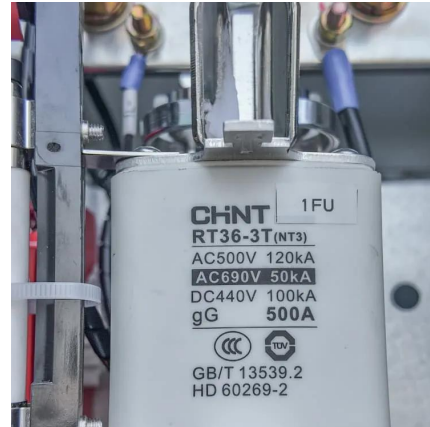
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It became the first wind power project to commence construction and operation in the clean energy base of the Yalong River Basin since the start of the "14th Five-Year Plan (2021-25)."

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The development of global renewable energy has accelerated and expanded, and the construction of China's renewable energy base has been fully launched. The reporter ...

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The development of global renewable energy has accelerated and expanded, and the construction of China's renewable energy base has been fully launched. The reporter learned that the planning and ...

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[Offshore Wind Power Dual-base by WOM and Shanghai...](#)

The commencement of the offshore wind power dual-base signifies that WOM will join hands with Shanghai Electric and its partners to fully leverage its aggregation advantages ...

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Guizhou in SW China advances clean energy with new comprehensive base

An aerial drone photo taken on Aug. 6, 2025 shows a new power plant in Bijie, southwest China's Guizhou Province. In recent years, Guizhou Province has accelerated the ...

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[Major renewable energy power base starts 2nd phase construction](#)

Construction of the second phase of China's largest renewable energy power base in the country's Gobi Desert and other arid regions will further facilitate the country's shift from ...

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Development direction, technical issues, and key construction ...

The implementation of green energy transformation, clean energy power replacement and supply, and the construction of the new power system are the primary driving ...

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[China promotes construction of large-scale ...](#)

China has been promoting the construction of large-scale wind power and photovoltaic (PV) bases since the beginning of this year. The newly installed wind and solar power capacity reached 820 million ...

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[Large high-altitude mountain wind power base put into ...](#)

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