

# Does Inner Mongolia have great potential for solar power generation

Could wind power revolutionize Inner Mongolia's energy landscape?

Wind turbines seen in Ulaanqab, North China's Inner Mongolia autonomous region, Aug 3, 2019. [Photo/VCG] The Inner Mongolia autonomous region is leveraging its abundant wind and solar power potential to revolutionize its energy landscape, transforming itself into a hub for clean, sustainable power generation, the region's officials said on Friday.

Is Inner Mongolia a good place for solar energy?

The total prospective capacity from coal power plants takes up almost 7% of the national total, ranking as the third largest province with coal projects in the pipeline. Meanwhile, Inner Mongolia boasts tremendous potential for solar and wind energy. Its deserts and sandy lands make ideal locations for solar and onshore wind installations.

How much solar energy does Inner Mongolia have?

Huang Zhiqiang, executive vice-chairman of Inner Mongolia, said the region accounts for more than half of the nation's exploitable wind resources and over one-fifth of solar resources.

What does Inner Mongolia do to maintain national energy security?

Inner Mongolia prioritizes maintaining national energy security, a major task entrusted to the region by the central leadership, supplying electricity at the highest levels nationwide, she said.

Where is photovoltaic power generation in Inner Mongolia?

Electricians inspect a photovoltaic power generation array in Dalad Banner, Inner Mongolia autonomous region, in July. SONG WEIXING/FOR CHINA DAILY Region plans to generate more clean electricity than coal power by 2030

Does Inner Mongolia produce electricity?

The electricity generation in Inner Mongolia significantly surpasses the province's own demand. Over the past 18 years, the exportation of electricity generation has consistently ranked as the highest in the country.

where  $i$  represents the region, and  $t$  is time.  $g_1$  is the threshold value of wind and solar energy per capita power generation.  $v_{1_1}$ ,  $v_{1_2}$  respectively reflect the impact of ...

The central and western regions of Inner Mongolia and the northeastern regions of Xinjiang harbor great potential for solar power generation but are short of water resources. ...

The findings revealed that, Inner Mongolia has a great potential to generate wind and solar electricity, for wind power, the category of "excellent" regions covers 83855 km<sup>2</sup> and ...

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Mongolia is an Asian country with rich RE resources and a dry and sunny climate further exacerbating the PV potential. Still, the majority of Mongolian electricity originates from ...

In particular, Inner Mongolia and Xinjiang are rich in onshore wind technical potential, accounting for 76.5% of the national total, while other provinces have less potential, ...

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