
Where is the wind and solar complementarity in China's solar container communication stations

Are wind and solar energy resources complementary in China?

The results reveal that wind energy and solar energy resources in China undergo large interannual fluctuations and show significant spatial heterogeneity. At the same time, according to the complementarity of wind and solar resources, over half of China's regions are suitable for the complementary development of resources.

Are weather stations suitable for complementarity of wind and solar energy resources? In China, 54.29% of the weather stations have good complementarity of wind- and solar-energy resources on the interannual scale, but 45.71% of the weather stations are not suitable for complementary development of wind- and solar-energy resources on the interannual time scale.

Is concentrated solar power a viable alternative in China's Electricity Supply?

Concentrating solar thermal power as a viable alternative in China's electricity supply. *Energy Policy*, 39: 7622-7636. Chen, F., Yang, Q., Zheng, N., Wang, Y., Huang, J., Xing, L., Li, J., Feng, S., Chen, G., Kleissl, J. (2022). Assessment of concentrated solar power generation potential in China based on Geographic Information System (GIS).

Is concentrated solar power generation potential in China based on GIS?

Assessment of concentrated solar power generation potential in China based on Geographic Information System (GIS). *Applied Energy*, 315: 119045. Gokon, N. (2023). Progress in concentrated solar power, photovoltaics, and integrated power plants towards expanding the introduction of renewable energy in the Asia/Pacific region.

From a strategic planning perspective, although the "Three North" regions (northern, northwestern, and northeastern China) have favorable geography and abundant ...

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