

Will pumped storage power station improve the power grid in North China?

WANG LIQUN/XINHUA With the operation of a large-scale pumped storage power station, the power grid in North China will become more stable and efficient. The station -- akin to a power bank -- can store significant amounts of electrical energy and supply power during peak consumption periods, experts said.

Why is North China's Power Station a stabilizer?

"This power station acts as a stabilizer for North China's entire power grid system," Wang Zhiyuan, an electrical engineer at the station, told China Daily on Wednesday. The growing integration of new energy sources, such as wind and solar power, into the grid has introduced challenges due to the intermittent nature of wind and sunlight.

Where is Xinghuo PV power station located?

The Xinghuo PV power station in Heilongjiang province, north-east China, in operation since 2022. From 2020 to 2024, Heilongjiang increased its share of clean power generation by more than any other province in China except Liaoning, also in the north-east (Image: Xinhua /Alamy) China has been steadily shifting towards a cleaner power mix.

Does Liaoning have a nuclear power base?

Liaoning hosts three major nuclear power bases, and its nuclear generation share has grown significantly compared to other coastal provinces. While it was not selected as one of China's five clean energy demonstration provinces, Liaoning is the first to set a particularly ambitious target for clean energy's share of power generation.

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