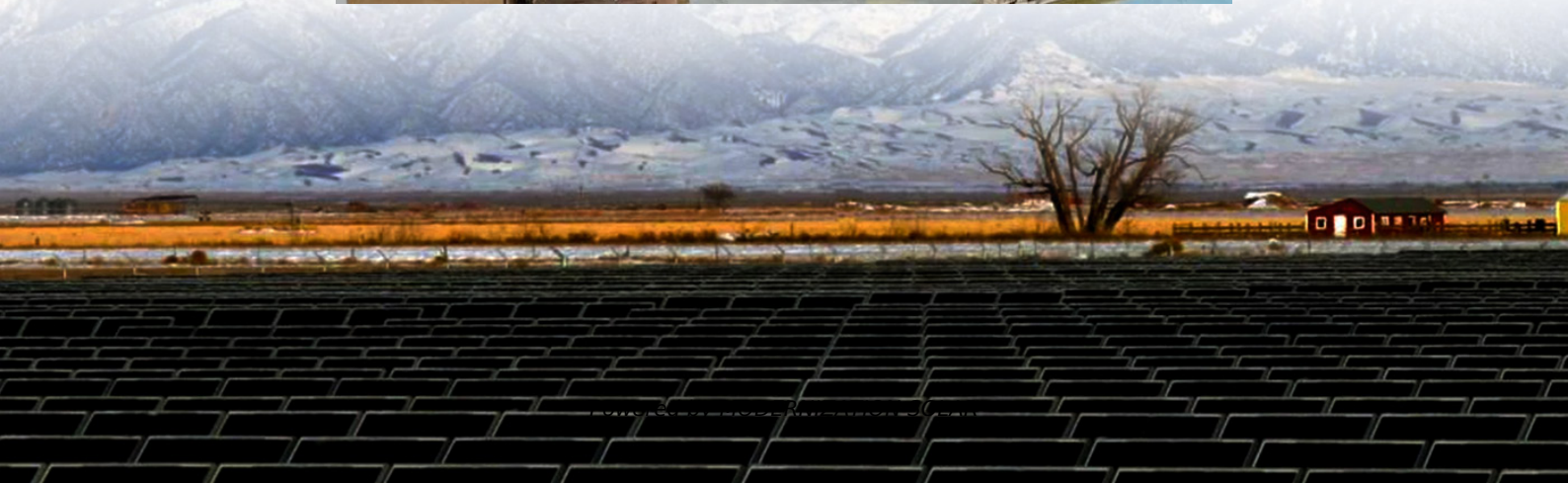


First invitation to a large-capacity energy storage power station





Overview

What is the first large-scale sodium-ion battery energy storage station in China?

In May 2024, Southern Grid commissioned a 10 MWh sodium-ion battery energy storage station in Nanning, Guangxi province, the first large-scale sodium-ion battery energy storage station in China. The energy storage station can store 100,000 kWh of electricity on a single charge, which can meet the needs of around 12,000 households for a day.

Who makes the world's first high-capacity power sodium-ion batteries?

Hina Battery, a Chinese power battery maker, said yesterday that the energy storage station uses the world's first high-capacity power sodium-ion batteries made by the company. (Sodium-ion batteries used in the Baochi energy storage station. Image credit: Hina Battery).

What is the largest grid-forming energy storage station in China?

This marks the completion and operation of the largest grid-forming energy storage station in China. The photo shows the energy storage station supporting the Ningdong Composite Photovoltaic Base Project. This energy storage station is one of the first batch of projects supporting the 100 GW large-scale wind and photovoltaic bases nationwide.

How many kWh can a solar energy storage station store?

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other existing sodium-ion batteries. It can store 800,000 kWh of electricity per day, which can be used by 270,000 households.



First invitation to a large-capacity energy storage power station



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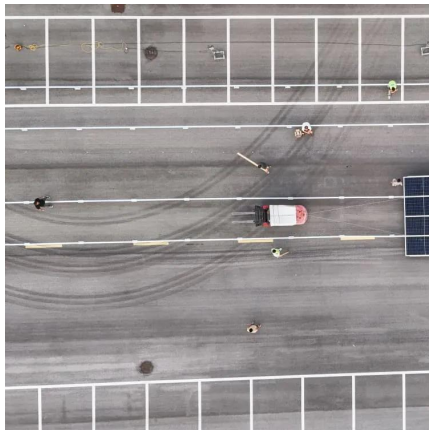


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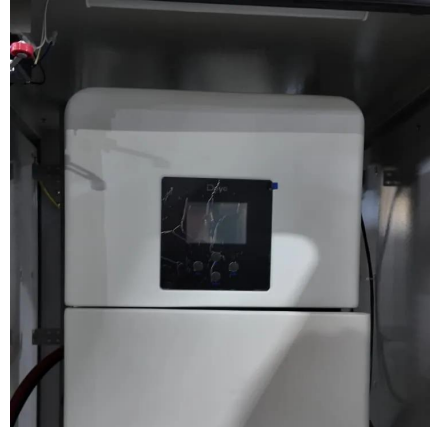
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[Across China: Pioneering energy storage system lights up](#)

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[First large-capacity sodium-ion energy storage power station ...](#)

As the first large-capacity sodium-ion energy storage power station in China, after completing the technical validation "from 0 to 1", it has achieved a key leap towards large-scale application ...



China's 1st large-capacity sodium-ion energy station ...

As China's first large-capacity sodium-ion battery energy storage station, this project is part of the national key research and development plan focusing on "hundred-megawatt-hour-level ...



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