

St George Sodium-Lithium Combined Energy Storage Power Station Project

Where is China's first large-scale lithium-sodium hybrid energy storage station located?

Baochi Energy Storage Station, China's first large-scale lithium-sodium hybrid energy storage station, starts operations in Southwest China's Yunnan Province on May 25, 2025. Photo: CCTV News China's first large-scale lithium-sodium hybrid energy storage station began operations on Sunday in Southwest China's Yunnan Province.

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.

What is lithium-sodium hybrid technology?

The lithium-sodium hybrid technology enables more stable integration of large-scale renewables into the power grid and supports future participation in electricity market trading, " Wu Bin, deputy manager of the Baochi Energy Storage Station project, was quoted by CCTV News as saying.

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)

CSG has launched China's first large-scale lithium-sodium hybrid energy storage station in Wenshan Zhuang and Miao Autonomous ...

On May 25, the Southern Power Grid Baochi Energy Storage Station, a national pilot demonstration project for new-type energy storage, commenced operations in Wenshan ...

A 200MW/400MWh BESS project in China combining lithium-ion and sodium-ion batteries has been put into operation.

Spanning 3.3 hectares, China's lithium-sodium energy station can cycle twice daily, storing massive renewable power.

On May 25, China's first large-scale lithium-sodium hybrid energy storage station -- the Baochi energy storage station developed by CSG -- was officially put into operation in ...

CSG has launched China's first large-scale lithium-sodium hybrid energy storage station in Wenshan Zhuang and Miao Autonomous Prefecture.

The energy storage station uses the latest high-capacity sodium-ion batteries with a top response speed six times faster than other ...

China's first large-scale lithium-sodium hybrid energy storage station, located in Wenshan, Yunnan province, is now operational. The station, run by China Southern Power ...

China's first large-scale lithium-sodium hybrid energy storage station began operations on Sunday in

Southwest China's Yunnan Province. This station integrates the ...

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.

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