

Battery energy storage at China Southern Power Grid





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.

What is China Southern power grid's Guangxi energy storage station?

The energy storage station, built by China Southern Power Grid's Guangxi branch, is the first phase of an overall 100-MWh project.

Where is China's first large-scale energy storage plant?

A 10-MWh sodium-ion battery energy storage station has been put into operation in Guangxi, southwest China, the country's first large-scale energy storage plant using sodium batteries. (Image credit: China Southern Power Grid Energy Storage).

Where is a 10 MWh sodium-ion battery storage station located?

A 10-MWh sodium-ion battery storage station was put into operation on May 11 in Nanning, Guangxi in southwestern China, said China Southern Power Grid Energy Storage, the energy storage arm of Chinese grid operator China Southern Power Grid.



Battery energy storage at China Southern Power Grid

China launches world's first grid-forming sodium-ion battery storage

Jun 3, 2025 · China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, Yunnan province -- a national pilot project and ...

China Debuts World's First Grid-Forming Sodium-Ion Battery ...

Jun 4, 2025 · China has officially launched the world's first grid-forming Sodium-ion Battery energy storage facility. The Baochi Energy Storage Station, located in Yunnan province, comes as a ...

China's 1st large-scale lithium-sodium hybrid energy storage ...

May 27, 2025 · The Baochi energy storage station -- operated by China Southern Power Grid (Southern Grid) and located in Wenshan, Yunnan province in southwestern China -- can store ...

China's 1st large-scale sodium battery energy storage

May 13, 2024 · A 10-MWh sodium-ion battery energy storage station has been put into operation in Guangxi, southwest China, the country's first large-scale energy storage plant using sodium ...

China switches on first large-scale lithium ...

May 27, 2025 · Chinese state-owned grid operator China Southern Power Grid has switched on the country's first large-scale lithium-sodium hybrid ...

China launches world's first grid-forming ...

Jun 3, 2025 · China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, ...

Yunnan's Baochi Energy Storage Station Pioneers Grid ...

Jun 4, 2025 · The Baochi Energy Storage Station recently commissioned by China Southern Power Grid (CSG) is a significant development in the renewable energy sector. Located in ...

China's 1st large-scale lithium-sodium hybrid ...

May 27, 2025 · The Baochi energy storage station -- operated by China Southern Power Grid (Southern Grid) and located in Wenshan, Yunnan ...

China Launches Grid-Forming Sodium-Ion ...

Jun 12, 2025 · "China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy Storage Station in Wenshan, ...

China switches on first large-scale lithium-sodium hybrid storage ...

May 27, 2025 · Chinese state-owned grid operator China Southern Power Grid has switched on



the country's first large-scale lithium-sodium hybrid energy storage station, a 200MW/400MWh ...

China launches world's first grid-forming sodium-ion ...

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China southern power grid battery energy storage

As the first to build a megawatt-level lithium battery energy storage station in China, CSG Energy Storage currently manages nine electrochemical energy storage stations, and has ...

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

In early October, the second phase of the Fulin Sodium-Ion Battery Energy Storage Station in Nanning, Guangxi, commenced operations. As China's first large-capacity sodium-ion battery ...

China's 1st large-scale sodium battery energy ...

May 13, 2024 · A 10-MWh sodium-ion battery energy storage station has been put into operation in Guangxi, southwest China, the country's first ...

China Launches Grid-Forming Sodium-Ion Battery Storage ...

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