

# China Southern Power Grid Energy Storage Project





## Overview

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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 China's first large-scale sodium-ion battery energy storage station located?

China has made a groundbreaking move in the energy sector by putting its first large-scale Sodium-ion Battery energy storage station into operation in Guangxi, southwest China. This 10-MWh station marks a significant leap towards adopting new, cost-effective battery technology for widespread use.

How many kWh will China's solar power project provide a year?

When the entire project is completed, it will be able to provide 73 million kWh of clean power annually, meeting the electricity needs of 35,000 residential customers and reducing carbon dioxide emissions by 50,000 tons, according to a May 11 statement from China Southern Power Grid Energy Storage.



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### [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 Unveils First Large-Scale Sodium-Ion Battery Energy Storage**

May 13, 2024 · Notably, Sodium-ion Battery cells in this station can achieve a 90 percent charge in just 12 minutes, showcasing rapid charging capabilities. Sodium-ion Battery 's Role in ...



### [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 Lithium-Sodium Hybrid ...](#)

Jun 4, 2025 · CSG's power grid covers the five provincial-level regions in southern China and is connected to the power grids of Hong Kong and ...



### [China's first large-scale sodium-ion battery energy storage](#)

This development signified a notable advancement in the realm of large-scale sodium-ion battery energy storage projects. It is understood that Fulin Sodium-Ion Battery Energy Storage ...



### [China Unveils First Large-Scale Sodium-Ion ...](#)

May 13, 2024 · Notably, Sodium-ion Battery cells in this station can achieve a 90 percent charge in just 12 minutes, showcasing rapid charging ...



### **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 switches on first large-scale lithium-sodium hybrid storage project

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 ...](#)

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

### China Southern Power Grid will build a pumped storage power ...

On September 26, 2023, China Southern Power Grid Energy Storage Co., Ltd. (hereinafter referred to as the "Company", Party B) signed the "Dayao Pumped Storage Power Station and ...



### [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 ...



### [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 Launches Lithium-Sodium Hybrid Energy Storage](#)

Jun 4, 2025 · CSG's power grid covers the five provincial-level regions in southern China and is connected to the power grids of Hong Kong and Macao SARs, as well as Southeast Asian ...

### [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 ...



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