



# Sodium ion energy storage in china southern power grid





## Overview

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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 the first large-scale hybrid lithium-sodium battery energy storage facility in China.

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The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize renewable energy and cut costs as China accelerates its energy transition. China Southern Power Grid (CSG) announced on May 26 the commissioning of the Baochi Energy.

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 energy storage station, this project is part of the national key research and development plan focusing on.

The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize renewable energy and cut costs as China accelerates its energy transition. From ESS News China Southern Power Grid (CSG) announced on May 26 the commissioning of the.

China has officially introduced the world's first grid-forming Sodium-ion Battery energy storage facility. Located in Yunnan province, the Baochi Energy Storage Station is a national pilot project and represents a significant advancement in the global energy storage sector. Announced by China.



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### ['World-first' grid-scale sodium-ion battery project in ...](#)

A battery energy storage system (BESS) project using sodium-ion technology has been launched in Qingdao, China. The demonstration ...

### [China flips switch on cutting-edge energy facility with incredible](#)

A new energy storage plant featuring sodium- and lithium-ion batteries has opened in China's Yunnan province. The energy storage station, operated by China Southern Power ...



### [China launches sodium-ion battery energy storage station: Here's ...](#)

China has launched its first large-scale sodium-ion battery energy storage station, potentially reducing reliance on lithium-based batteries.



### ['World's largest' sodium-ion battery energy storage project goes ...](#)

The company delivered sodium-ion energy storage cells in bulk to China Southern Power Grid at the end of 2023, and the world's first 10-MWh sodium-



ion battery energy ...



### [China Launches World's First Grid-Forming Sodium-Ion Battery Energy](#)

Announced by China Southern Power Grid (CSG) on May 26, this state-of-the-art facility integrates both Lithium-ion and Sodium-ion Battery technologies on a large scale to ...



### [China's First Lithium-Sodium Hybrid Energy Storage Station is](#)

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 launches world's first grid-forming sodium-ion battery ...](#)

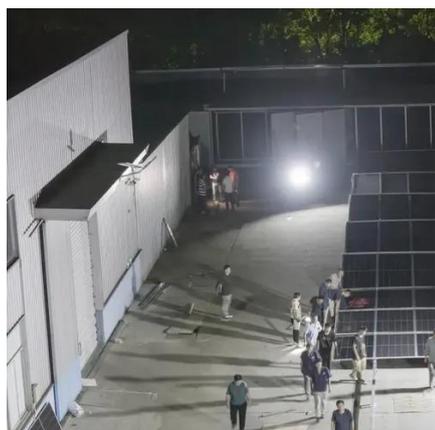
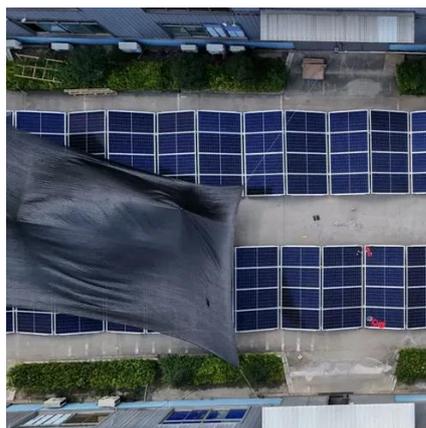
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## [China flips switch on cutting-edge energy facility ...](#)

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## [China's 1st large-scale lithium-sodium hybrid ...](#)

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

## [China Launches World's First Grid-Forming ...](#)

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## [Yunnan's Baochi Energy Storage Station Pioneers Grid-Forming Sodium-Ion](#)

Located in Wenshan, Yunnan province, this facility is the first large-scale hybrid lithium-sodium battery energy storage facility in China and holds the distinction of deploying ...



## [China's 1st large-capacity sodium-ion energy station expands ...](#)

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 ...

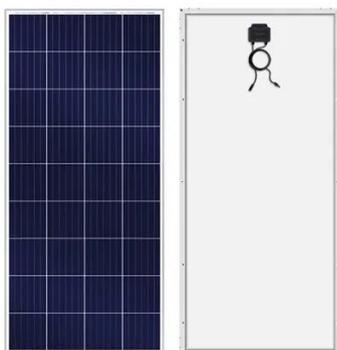


## [China launches sodium-ion battery energy storage ...](#)

China has launched its first large-scale sodium-ion battery energy storage station, potentially reducing reliance on lithium-based ...

## [China's first large-scale sodium-ion battery goes online](#)

China's first ever large-scale sodium-ion battery project has begun operation in Nanning, Guangxi. The 2.5 MW/10 MWh project represents the first phase of China Southern ...



## [China activates first large-scale sodium-ion battery](#)

China Southern Power Grid Energy Storage, the unit that acts as the energy storage arm of grid operator China Southern Power Grid (CSPG), said it had put a 10 MWh ...



## [Video: Inside China's New Large-Scale Sodium ...](#)

screencap: Sodium-ion BESS in Guanxi, China  
China Southern Power Grid Energy Storage/CCTV  
On May 11, China ...

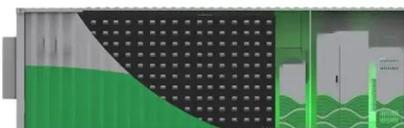


## [China's first high-capacity sodium-ion battery ...](#)

China's first large-scale sodium-ion battery energy storage station officially commenced operations on Saturday. The station will help ...

## [China Launches Grid-Forming Sodium-Ion Battery ...](#)

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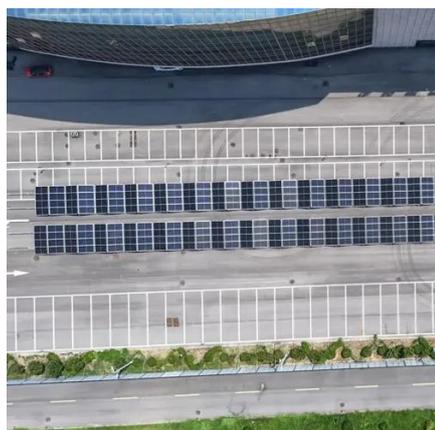
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## [China Debuts World's First Grid-Forming Sodium-Ion Battery Plant](#)

Announced by China Southern Power Grid (CSG) on May 26, this cutting-edge facility integrates both Lithium-ion and Sodium-ion Battery technologies on a large scale to ...



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The company delivered sodium-ion energy storage cells in bulk to China Southern Power Grid at the end of 2023, and the world's first 10 ...

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

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 activates first large-scale sodium-ion battery](#)

China Southern Power Grid Energy Storage, the unit that acts as the energy storage arm of grid operator China Southern Power Grid ...



## [World's largest Sodium-ion battery energy storage project ...](#)

Previously, the largest operational sodium-ion deployment was China Southern Power Grid's Fulin 10MWh BESS station. This announcement comes just under a month since ...



## [China launches world's first grid-forming sodium ...](#)

The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize ...



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## Contact Us

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