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China Southern Power Grid Immersed Energy Storage Station





Overview

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).

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 a 10 MWh sodium-ion battery storage station located?

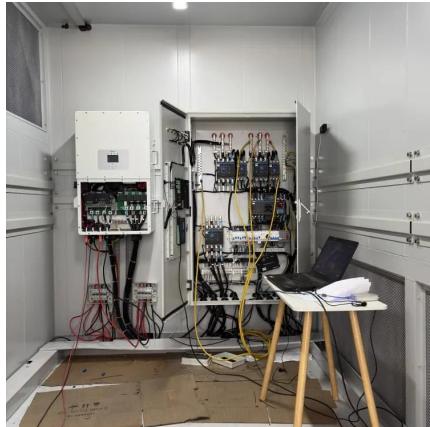
A 10-MWh sodium-ion battery storage station was put into operation on May 11 in Nanning, Guangxi in southwestern China, said China Southern Power Grid Energy Storage, the energy storage arm of Chinese grid operator China Southern Power Grid.

Where will lithium-sodium hybrid systems be deployed in China?

As standardization frameworks develop, lithium-sodium hybrid systems could see broader deployment across China's renewable-rich regions such as Tibet, Xinjiang, and Gansu. Grid-forming storage is projected to account for up to 40% of China's new energy storage market by 2030.



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[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 leads the world in new-type energy storage capacity](#)

Sep 11, 2025 · "China's advances in new-type energy storage are moving from isolated breakthroughs to a more systematic framework," said Rao Hong, chief scientist at China ...



[China Southern Power Grid Immersed Energy Storage Station](#)

On March 6th, the world's first submerged liquid cooled energy storage power station - the Meizhou Baohu Energy Storage Power Station of China Southern Power Grid officially put into ...

[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 ...



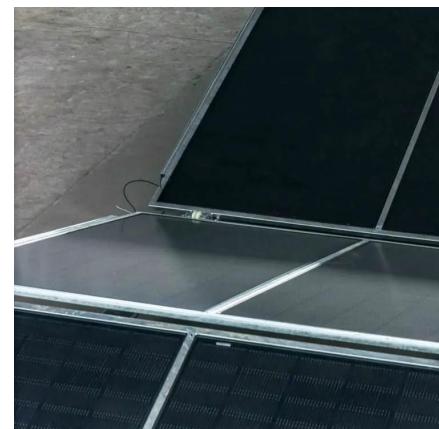
[China's 1st large-scale sodium battery energy ...](#)

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's Largest Grid-Forming Energy Storage Station ...](#)

Apr 9, 2024 · On March 31, the second phase of the 100 MW/200 MWh energy storage station, a supporting project of the Ningxia Power's East NingxiaComposite Photovoltaic Base Project ...



[New Energy Technology: Largest energy ...](#)

Jan 7, 2024 · LIN QIHUA Engineer, China Southern Power Grid Energy Storage "It's challenging to evaluate the performance of different technical ...



[?World-first?Kortrong Energy Storage joins ...](#)

Mar 15, 2023 · The immersion energy storage system newly developed by Kortrong has been successfully applied to the world's first immersion ...

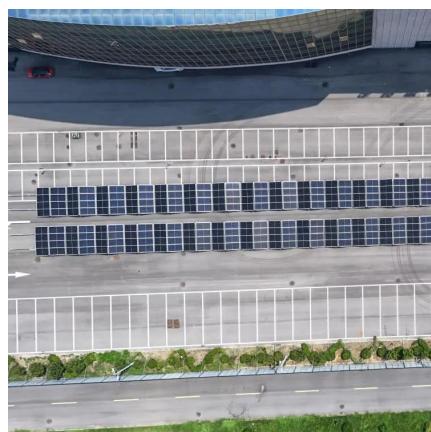


[China switches on first large-scale sodium-ion ...](#)

May 15, 2024 · China Southern Power Grid Energy Storage, the energy storage division of China Southern Power Grid, has commissioned a 10 ...

[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 First Lithium-Sodium Hybrid Energy Storage Station ...](#)

May 28, 2025 · 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 ...



Welcome to China Southern Power Grid

Nov 10, 2025 · Our Core Business Power Grid Development Safe Power Supply Science and Innovation UHVDC Smart Grid Energy Storage Simulation Laboratory Pumped Storage DC ...



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 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 ...



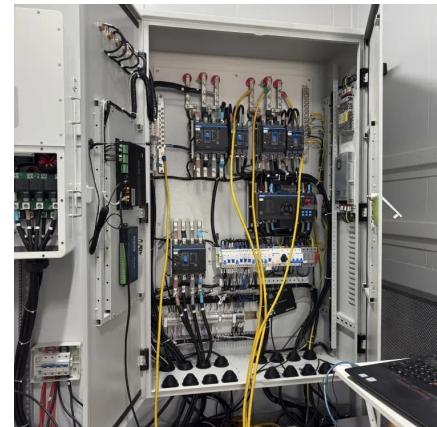
The world's first submerged liquid cooled energy storage power station

Oct 27, 2025 · The official operation of this power station marks the successful application of immersion liquid cooling, a cutting-edge technology, in the field of new energy storage ...



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's 1st large-scale sodium battery energy storage station ...](#)

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 ...



[?World-first?Kortrong Energy Storage joins hands with China Southern](#)

Mar 15, 2023 · The immersion energy storage system newly developed by Kortrong has been successfully applied to the world's first immersion liquid cooling energy storage power station, ...



The world's first submerged liquid cooled ...

Oct 27, 2025 · The official operation of this power station marks the successful application of immersion liquid cooling, a cutting-edge ...



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

Nov 5, 2025 · 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 ...



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