

Southern Energy Storage Project





Overview

Southern Company 's SO Alabama Power unit is set to revolutionize the state's energy landscape with the development of first-ever utility-scale Battery Energy Storage System ("BESS").What is China Southern power grid energy storage?

China Southern Power Grid Energy Storage, the energy storage division of China Southern Power Grid, has commissioned a 10 MWh sodium-ion battery storage station in Nanning, southwestern China. The company said the facility is the first large-scale project of its kind in China, and the first phase of a 100 MWh global project.

Where is China Southern power grid deploying a 10 MWh sodium-ion battery?

China Southern Power Grid has deployed a 10 MWh sodium-ion battery in China's Guangxi Zhuang region. It is the first phase of a 100 MWh project. China Southern Power Grid Energy Storage, the energy storage division of China Southern Power Grid, has commissioned a 10 MWh sodium-ion battery storage station in Nanning, southwestern China.

What is a 10 MWh sodium ion battery energy storage station?

The 10 MWh sodium ion battery energy storage station features 210 Ah sodium ion battery cells that can be charged to 90% in 12 minutes, according to the company. The system consists of 22,000 cells.

Are solar panels the future of energy storage?

Today, with record solar panel installations reshaping electricity systems around the globe, there's growing interest in cheap, long-term energy storage. And power plants don't need to cram as much energy into a confined space as electric vehicles do.



Southern Energy Storage Project

China switches on first large-scale sodium-ion battery

May 15, 2024 · China Southern Power Grid has deployed a 10 MWh sodium-ion battery in China's Guangxi Zhuang region. It is the first phase of a 100 MWh project.

Aypa Power secures California RA agreements with investor ...

Nov 7, 2024 · Outline plan of Aypa Power's Gabriel Battery Storage project, as shown at a July meeting of the board of directors at CCA Peninsula Clean Energy. Image: Aypa Power / ...

Southern Company Energy Storage and Battery Initiatives for ...

5 days ago · Explore Southern Company's strategic investments and partnerships in battery storage, powering a sustainable and reliable energy future. Learn about their BESS initiatives.

Sungrow and Globeleq Sign Term Sheet for the Red Sands ...

May 26, 2025 · The Red Sands BESS project is part of South Africa's inaugural Battery Energy Storage Independent Power Producer Procurement Programme (BESIPPPP) and is located in ...

Alinta Energy green lights South Australia's ...

Jul 1, 2025 · Image: Alinta Energy. Energy generator and retailer Alinta Energy has approved the development of the first stage of its Reeves ...

First grid-forming BESS to support South Australia's clean energy

1 day ago · Sungrow, the leading global PV inverter and energy storage system provider, has marked the official commencement of construction of client Engie's Pelican Point BESS at ...

Malaysia's 4 GW / 5.12 GWh solar-plus-storage complex gets ...

Dec 2, 2025 · The Southern Johor Renewable Energy Corridor (SJREC) will be developed as part of a \$6 billion project for a 2,000 kilometer-squared hybrid solar and battery energy storage ...

Could this 1980s battery design unlock long ...

May 7, 2025 · Utility Southern Co. will install Inlyte's iron-salt long-duration battery, tech the startup has updated for the era of renewables and data ...

Impressive Malaysia solar storage project gets 4 GW World ...

Dec 3, 2025 · The World Bank has given its backing to a monumental 4 GW solar and storage project in Malaysia, a move set to redefine the nation's energy landscape. This ambitious ...

Southern's Unit to Build State's First Large-Scale Energy Storage

Mar 4, 2025 · Southern Company's SO Alabama Power unit is set to revolutionize the state's energy landscape with the development of first-ever utility-scale Battery Energy Storage ...



China's first large-scale sodium-ion battery ...

May 18, 2024 · China's first major sodium-ion battery energy storage station is now online, according to China Southern Power Grid Energy Storage.

China switches on first large-scale sodium-ion ...

May 15, 2024 · China Southern Power Grid has deployed a 10 MWh sodium-ion battery in China's Guangxi Zhuang region. It is the first phase of a 100 ...

China Southern Power Grid Energy Storage signs tripartite ...

On March 28, 2023, China Southern Power Grid Energy Storage Co., Ltd. (hereinafter referred to as "China Southern Power Grid Energy Storage", Party B) signed the "Tongzi County Pumped ...

Blackstone, Arevon close on 800MWh ...

Feb 13, 2024 · Blackstone Credit & Insurance has closed financing for a large-scale battery storage project in California, US, with developer Arevon.

Southeast Asia's biggest BESS officially ...

Feb 2, 2023 · Singapore has surpassed its 2025 energy storage deployment target, with the official opening of Southeast Asia's biggest BESS.

Vena Energy Breaks Ground on 408 MWh Battery Energy Storage ...

3 days ago · [Australia; 8 December 2025] - Vena Energy, the renewable energy arm of Vena Group and a major green energy solutions provider across the Asia-Pacific region, has ...

Could this 1980s battery design unlock long-term clean energy storage?

May 7, 2025 · Utility Southern Co. will install Inlyte's iron-salt long-duration battery, tech the startup has updated for the era of renewables and data center demand.

Joint venture ZEBRE acquires 333MWh BESS ...

May 9, 2025 · ZEBRE, a joint venture (JV) between HDRE and ZEN Energy, has acquired a 333MWh battery energy storage system (BESS) in South ...

Monroe Sequestration Partners To Store CO2 Captured By Southern Energy

Jun 5, 2025 · Carbon removal developer Southern Energy has picked Monroe Sequestration Partners (MSP), a 50% affiliate of DevvStream, as a trusted partner to handle the storage ...

Largest battery in southern hemisphere to get even bigger

11 hours ago · Origin Energy (Origin) has approved the third stage of its large-scale battery at Eraring Power Station, adding further storage capacity to the project already underway and ...

Arizona Peaking Capacity Energy Storage Project, ...

Jul 6, 2022 · WAPA is responding to a request to fund the Applicant's proposed Project for project financing under the Transmission Infrastructure Program (TIP) for the proposed Project. As an ...



Monroe Sequestration Partners To Store CO2 ...

Jun 5, 2025 · Carbon removal developer Southern Energy has picked Monroe Sequestration Partners (MSP), a 50% affiliate of DevvStream, as ...

Southern Co unit to install 150-MW battery in Alabama , Energy Storage

Mar 4, 2025 · Alabama Power, a subsidiary of Atlanta-based Southern Company (NYSE:SO), on Monday announced plans to develop the first utility-scale battery energy storage system ...

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