

Why did Southern Company Invest in Johnson energy storage?

Southern Company's SO subsidiary has made an early-stage investment in Johnson Energy Storage, Inc., an Atlanta-based battery manufacturing company that develops solid-state battery technology. This move highlights Southern Company's commitment to clean energy solutions and supporting local innovations.

What is SSE's first battery energy storage system?

SSE's first battery energy storage system (BESS) project at Salisbury in Wiltshire, England is now fully operational. The 50MW /100MWh BESS project, which could power over 80,000 homes* for two hours at times of peak demand, is the first operational battery site in SSE's portfolio.

Who is Johnson Energy Storage?

Johnson Energy Storage is a battery manufacturer founded by Dr. Lonnie Johnson, a former NASA engineer. They have dedicated over two decades to developing solid-state battery technology, focusing on a less expensive solid glass electrolyte and separator, which holds promise for wider adoption.

Where are SSE Renewables constructing a battery project?

In addition to Salisbury, SSE Renewables is currently constructing a 150MW battery project in Ferrybridge, West Yorkshire, which is due to complete in the first half of next year, and a 320MW battery project in Monk Fryston, North Yorkshire, which will be able to deliver flexible energy at scale once completed in up to two years' time.

What's new at Salisbury's battery storage site?

"I am delighted to formally open Salisbury's battery storage site. SSE Renewables have installed 26 batteries on this site and they are now fully operational. This welcome investment means supply of energy from renewable sources is reliable. Salisbury is leading the way as we continue our journey to net zero."

Can solid-state battery technology revolutionize the energy landscape?

Solid-state battery technology has the potential to revolutionize the energy landscape, particularly in the realm of electric vehicles and renewable energy storage. Southern Company's collaboration with Johnson Energy Storage represents a significant step forward in its development.

Battery and energy storage technologies are pivotal for U.S. national security, climate goals, and economic resilience. As one of 10 inaugural awardees of the U.S. National Science ...

BOULDER, Colo. June 28, 2022 - GKN Hydrogen and Southern California Gas Co. (SoCalGas) today announced the companies will work with the U.S. Department of Energy's (DOE's) ...

Energy Storage. Consumers are increasingly interested in pairing solar with energy storage

("solar-plus-storage"). Batteries are currently the most common energy storage product for homeowners. ...
New Mexico - Interconnection of ...

As laid out in Pathway 2045, SCE estimates the state needs to add 30 GW of utility-scale storage to the grid and 10 GW of storage from distributed energy resources to ...

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The new partnership will enable the construction of 13 new large-scale battery energy storage systems across southern Sweden, adding an additional 196 MW of flexible ...

China Southern Power Grid is developing a trading mechanism to adapt to the participation of emerging market entities such as pumped storage, new energy storage and ...

A spokesperson for Southern Power confirmed to Energy-storage.news that the two projects are true solar-plus-storage rather than just colocation sharing a grid connection. ... (BESS) to increase its network ...

Clearway Energy Group LLC ("Clearway") announced the start of full construction today at its Daggett 3 Solar Power + Battery Energy Storage System (BESS) ...

The plan specified development goals for new energy storage in China, by 2025, new . Home Events Our Work News & Research. Industry Insights China Update ...

Long-duration energy storage (LDES) is a key resource in enabling zero-emissions electricity grids but its role within different types of grids is not well understood. Using the Switch capacity ...

Southern Company recently joined with industry researchers to launch the Energy Storage Research Center, a unique research and development (R& D) facility focused on the ...

New Southern California Energy Storage Project Launches, Delivering Clean Power and Improved State Grid Resiliency ... "SBES is a clean energy storage solution that ...

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