

New sodium ion battery and energy storage project

Researchers in Canada have just unveiled a new solid-state sodium battery design that could potentially lead to cheaper, safer, and more sustainable energy storage systems.

By stabilizing a metastable form of sodium solid electrolyte, a new technique creates all-solid-state sodium batteries that retain performance down to subzero temperatures

CATL intends to sell sodium-ion batteries into all sorts of industry segments -- passenger EVs, commercial EVs, and stationary energy storage systems.

The new architecture combines Peak Energy's sodium-ion energy storage technology that enables much higher safety and reliability than conventional BESS with Energy Vault's ...

A study provides new guidance for designing sodium-ion batteries, which are emerging as a less expensive and more environmentally friendly complement to lithium-based batteries.

Storing clean energy generated by solar and wind has long been a challenge. Sodium-ion batteries, with their low cost, enhanced thermal stability, and long cycle life, are an attractive...

A consortium of 13 national laboratories and universities aims to develop high-energy, long-lasting sodium-ion batteries that are made from inexpensive, abundant materials and reduce ...

The Sodium-ion Battery energy storage project at Cleantech Park represents the first real-world deployment of a system tailored specifically for hybrid solar installations.

Sodium-ion batteries (SIBs) have emerged as a promising alternative to lithium-ion batteries (LIBs) due to the abundance, cost-effectiveness, and environmental benefits of sodium ...

Peak Energy just switched on a 3.5 MWh sodium-ion battery, the largest sodium-ion energy storage project developed in the US.

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