

New sodium-based energy storage battery system

Increases in the energy density of sodium-ion batteries means they are now suitable for stationary energy storage and low-performance electric vehicles. The abundance of raw material for making ...

Peak Energy's sodium-ion phosphate pyrophosphate (NFPP) battery storage system was unveiled in July and is now running at the Solar Technology Acceleration Center (SolarTac) in ...

American battery startup Peak Energy and energy developer Jupiter Power have teamed up to deploy grid-scale sodium-ion batteries. It's a big step forward for the nascent--and in some ways,...

Peak Energy designs and deploys next-gen sodium-ion energy storage that is safer, lower-cost, and more reliable. Our systems remove legacy failure points and enable rapid grid ...

A new, large scale iron-sodium energy storage system will be manufactured in the US, helping to support more wind and solar in the grid.

A new sodium-ion battery offers a cheaper and safer alternative to conventional lithium-ion systems, scientists say, paving the way for more sustainable EVs.

New developments in sodium battery materials have led to developments that could pave the way for lower-cost sodium-ion batteries that can compete with lithium-ion batteries for large-scale ...

Under the terms of the phased agreement, Peak Energy will supply up to 4.75 GWh of its sodium-ion battery energy storage systems (ESS). These systems are slated for deployment across...

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 ...

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

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