ContainerPower Energy Solutions

Sulfur battery energy storage project

Overview

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Researchers in Germany have recently unveiled a new lithium-sulfur (Li-S) solid-state EV battery that could pave the way for lighter, safer and far more energy-efficient storage systems. The new technology, which was created by scientists at the Fraunhofer Institute for Material and Beam Technology.

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To overcome existing technological hurdles of this cell chemistry, the Fraunhofer Institute for Material and Beam Technology IWS and its partners are investigating a new cell architecture that reduces electrolyte content and adapts solid-state chemistry. Their goal is to develop practical cell.

The 5.8 MWh battery storage system is integrated with a 2.1 MW solar plant and two electrolyzers to produce green hydrogen. Spanish company CYMI (Control y Montajes Industriales, of the COBRA IS group) has completed operational testing of the sodium-sulfur (NaS) energy storage facility which is.

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