

Thermal energy storage represents a fundamental shift in how we think about energy management. It's not just about generating clean energy - it's about using that energy more intelligently and efficiently.

US infrastructure investment firm ArcLight Capital Partners unveiled the acquisition of Advanced Power, an energy infrastructure firm that has so far developed 6 GW of thermal and renewable generation assets in the US and ...

In this video, we explore how brick batteries and crushed volcanic rock batteries are transforming energy storage. While lithium-ion batteries have dominated the grid-scale market, they face ...

Boston-based Electrified Thermal Solutions, a leader in electrified heating and thermal energy storage solutions, and HWI, A member of Calderys, one of the leading suppliers of refractory ...

BOSTON, July 24, 2025 /PRNewswire/ -- Boston -based Electrified Thermal Solutions, a leader in electrified heating and thermal energy storage solutions, and HWI, A member of Calderys, one ...

Both air-cooled and liquid-cooled energy storage systems (ESS) are widely adopted across commercial, industrial, and utility-scale applications. But their performance, operational cost, ...

In a rapidly evolving energy landscape, the ability to strategically integrate smart technologies makes all the difference. That's why more and more companies, public administrations, and ...

Your Key Responsibilities Develop and optimize innovative salt hydrate formulations for thermal energy storage. Conduct lab-scale synthesis, testing, and analysis of new materials. Plan and ...

The prominent companies driving energy storage innovation are highlighted in this article, which lists the top 10 energy storage developers in Sweden. In order to preserve energy security and ...

TES startups leverage technologies such as phase change materials, sensible heat storage and thermal batteries to create energy storages. ETC specializes in thermal storage, energetic efficiency, industrial wastes ...

Navigating today's energy transition demands more than innovation--it requires partners who blend scale, safety, and intelligence. With the global battery energy storage system company ...

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The rapid advancement of high-power, miniaturized, and integrated electronic and energy storage systems necessitates multifunctional interfaces capable of simultaneously providing thermal ...

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