
Clean Energy and New Energy Storage

Recently, several projects--including Shanghai Electric Group's 5GWh all-vanadium redox flow battery project, the Washi Power sodium-ion battery base project, and ...

We explore the data to see where the clean energy transition stands today, from rising investment and job growth to grid needs and critical mineral demand.

Breakthroughs in battery technology are transforming the global energy landscape, fueling the transition to clean energy and reshaping industries from transportation to utilities. ...

KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower ...

We need additional capacity to store the energy generated from wind and solar power for periods when there is less wind and sun. Batteries are at the core of the recent ...

Energy-storage technologies are needed to support electrical grids as the penetration of renewables increases. This Review discusses the application and development ...

<p>The strategic deployment of electrical energy storage technologies enables a new power system with higher renewable energy integration and further empowers the whole society's ...

Research at the University of Virginia School of Engineering and Applied Science could help unlock a new energy storage method, potentially helping solve one of the biggest ...

Energy storage solutions are central to the clean energy transition, ensuring the stability and reliability of renewable energy sources on the grid. As technologies like lithium-ion ...

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The development of energy storage technologies creates opportunities for clean energy transitions in the transportation and electricity sectors. These...

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