

This situation is not unique to South Africa, where, across the continent, countries are facing similar challenges as they look to scale up renewable energy without compromising reliability. ...

Tom Sisto, CEO of US flow battery provider XL Batteries, writes that lithium-ion batteries' dependence on a supply chain controlled almost completely by one country is a risk that could ...

The Kazatomprom agreement provides Slovakia with enhanced flexibility and security for its nuclear-centric energy system, potentially influencing both near-term operations and long-term ...

Rising power demand across the United States is driving strong momentum to create a more reliable and affordable energy future. A new report from the American Gas Association (AGA) ...

With 8 GW and counting, Texas is shaping the future of American grid resilience. The 550 MW of new battery storage now greenlit by Lydian Energy is not just another headline, it is the next ...

Commerce and Industry Minister Piyush Goyal on Thursday (10 July) called on the energy storage sector to curb its reliance on imports from select countries and explore alternative supply ...

The rapid development of wearable, portable, and foldable electronics has intensified the demand for flexible energy storage systems with high performance and mechanical resilience. Flexible ...

Envision recently completed a large-scale, CSA C800 witnessed burn test of its 5 MWh energy storage system, demonstrating robust thermal containment and adding to industry-wide safety ...

The modular system design approach of Sigenergy's SigenStack has now been verified by full-scale fire testing and third-party validation. Its architecture demonstrates a compelling direction ...

Heatventors specializes in advanced thermal energy storage solutions, utilizing phase change materials to efficiently store and release heat or cold. Their technology offers a sustainable ...

The 2025 heatwave that scorched Europe from June to July was more than a climatic anomaly--it was a stress test for the continent's energy infrastructure. Temperatures exceeding 40°C ...

SAN LEANDRO, Calif., July 24, 2025 -- Inlyte Energy, a manufacturer of iron-sodium battery energy storage systems, will deploy a first-of-its-kind resilience-focused battery at Alliance ...

Industrial AI: Predicting with Certainty Technology, particularly AI, is now playing a pivotal role in helping



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utilities adapt. From asset investment planning to predictive maintenance, Industrial AI ...

This payment amounts to 492 million euros and is part of Slovakia's national recovery and resilience plan, as reported by TASR correspondent. Peter Kmec, Deputy Prime Minister for ...

A 105Ah MD lithium battery is a high-capacity, medium-duty energy storage solution designed for applications requiring sustained power delivery and deep-cycle resilience. Using LiFePO4 ...

Our portfolio combines renewable energy generation assets, battery storages and assets with energy consumption/generation flexibility. Any energy asset with flexibility can contribute to the ...

The rapid development of wearable, portable, and foldable electronics has intensified the demand for flexible energy storage systems with high performance and mechanical resilience. Flexible electrodes, as core components of such ...

SAN LEANDRO, Calif., July 24, 2025 /PRNewswire/ -- Inlyte Energy, a manufacturer of iron-sodium battery energy storage systems, will deploy a first-of-its-kind resilience-focused battery ...

China's renewable energy infrastructure is not just a climate imperative--it's a blueprint for the future of global energy. For investors, the key lies in aligning with sectors that bridge clean ...



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