

Did you know the same materials powering your smartphone's vibrations could hold the key to grid-scale energy storage? Let's talk about rare earth energy storage materials - the Clark ...

Rare-earth-metal-based materials have emerged as frontrunners in the quest for high-performance hydrogen storage solutions, offering a paradigm shift in clean energy technologies. This ...

Rare earth elements (REEs), essential for permanent magnets used in these applications, are emerging as critical enablers of today's green economy, powering the transition to ...

Discover why rare earth elements like scandium and neodymium are critical to the energy transition and how they present long-term investment opportunities in transition materials.

China's 600 MW compressed air energy storage plant proves grid-scale power storage can scale without lithium or battery minerals.

India's Ministry of Science and Technology describes the development as a potential breakthrough for compact, high-efficiency energy storage systems. The decisive factors, it notes, are ...

The new rare earth export controls pose major risks for a range of strategic sectors such as energy, defence and semiconductors On 9 October 2025, the Ministry of Commerce of China ...

1 - Introduction Seventeen elements are classified as Rare Earth Elements (REEs), a group of chemically similar metals critical for many advanced technologies. They include the 15 lanthanide ...

Rare earth minerals are critical components in the development and efficiency of renewable energy storage systems. These elements, often hidden in the shadows of more common metals like iron and ...

This article focuses on the relationship between rare earth elements and the energy transition, while discussing demand and supply of these critical minerals in the energy transition ...



New Energy Storage Rare Earth

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