

New changes in energy storage

Thermal energy storage (TES) is increasingly important due to the demand-supply challenge caused by the intermittency of renewable energy and waste he...

The Department of Energy in the Philippines has outlined a new set of market rules and policies for energy storage systems (ESS).

The DOE released its draft Energy Storage Strategy and Roadmap (SRM), providing direction and opportunities for energy storage investments.

Consultation Response Gas Market Response to CRE's public consultation 2025-07 on the new changes to the rules for marketing natural gas storage capacity

"Energy storage has entered a new phase of growth with its first year of double-digit deployment. We are increasingly seeing the industry"s ...

The deployment of "new type" energy storage capacity almost quadrupled in 2023 in China, increasing to 31.4GW, up from just 8.7GW in ...

By advancing renewable energy and energy storage technologies, this research ultimately aims to contribute to a sustainable and reliable energy future where climate change ...

Allison Weis, Wood Mackenzie's global head of storage, noted that while consistent growth is expected, there are some uncertainties over the ...

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

In particular, the melting point, thermal energy storage density and thermal conductivity of the organic, inorganic and eutectic phase change materials are the major ...

This paper mainly studies the application progress of phase change energy storage technology in new energy, discusses the problems that still need to be solved, and ...

From discussions on energy storage safety to the AI-driven operational revolution, and the deep coupling of long-duration storage with ...

How will lithium-ion and alternative technologies fare in the global long-duration energy storage (LDES)

revolution? To read our view on ...

Lawmakers in Chile's Senate. Image: Senado de Republica de Chile. The Senate of Chile has unanimously passed major legislation which will incentivise the ...

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, ...

China's National Development and Reform Commission and the National Energy Administration have issued new rules for the power market.

To best capitalize on phase change phenomena of materials for thermal storage, material parameters, including molecular motion and entropy, must be mathematically described, so ...

Solar + Battery Storage: New Dual Requirements Solar panels must now be paired with battery energy storage systems (BESS). Any new commercial building that requires solar photovoltaic ...

Abstract In recent years, phase change materials (PCMs) have attracted considerable attention due to their potential to revolutionize thermal energy storage (TES) ...

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

"Energy storage has entered a new phase of growth with its first year of double-digit deployment. We are increasingly seeing the industry's growth diversified across ...

Abstract Phase change energy storage (PCES) materials have attracted considerable interest because of their capacity to store and release thermal energy by ...

5 · China on Friday unveiled an action plan to promote the development of new forms of energy storage between 2025 and 2027, amid efforts to support green energy transition and ...

Australian government's competitive CfD tenders for dispatchable renewables backed with storage are "unprecedented" step for energy policy.

Policy Support and investment are imperative to expand energy storage infrastructure, making renewable systems more reliable and widely adoptable. Understanding ...

2 · New plan calls for expansion of energy-storage applications, including more projects in desert areas and at retired coal-fired power plant sites.

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Chinese authorities unveiled several measures on Monday to promote the new-type energy storage manufacturing sector, as part of efforts to accelerate the development of ...

Two energy storage topics appeared to come up in conversation more than any other at the first day of RE+: US domestic content and the race for energy density increases.

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

According to the news, recent research by the Shanghai Securities News reporter found that demand for energy storage cell orders from companies such as Everweft Lithium Energy, ...

RM Funds is urging investors to voted down director appointments at Gore Street Energy Storage (GSF) and block equity issue permissions as it continues to fight for change at ...

Modo Energy's new data shows the impact of recently introduced bulk dispatch on the battery marketplace. Image: Zenobe Battery storage market intelligence firm Modo ...

China aims to further develop its new energy storage capacity, which is expected to advance from the initial stage of commercialization to large-scale development by 2025, with ...

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