

Energy storage is getting stronger and new energy is following suit

Key trends include advancements in lithium-ion and solid-state batteries, hybrid energy storage systems, long-duration storage solutions, smart grid integration, and the rise of virtual power ...

This article delves into the latest breakthroughs in energy storage and explores how these innovations, combined with the development of next-generation fuels, are transforming the way we ...

In this piece, we highlight six key reasons why energy storage will be at the center of the global transition, beyond the obvious intermittent issues of wind and solar.

MITEI's three-year Future of Energy Storage study explored the role that energy storage can play in fighting climate change and in the global adoption of clean energy grids.

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

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.

Wind and solar are now the fastest-growing sources of electricity on the planet. But their fundamental weakness is intermittency: the sun doesn't always shine, and the wind doesn't always ...

A quick look at projections for energy storage development, including costs and types of long-duration technologies in demonstration.

Renewable energy integration and decarbonization of world energy systems are made possible by the use of energy storage technologies. As a result, it provides significant benefits with ...

Transitioning to renewable energy is vital to achieving decarbonization at the global level, but energy storage is still a major challenge. This review discusses the role of energy storage in the ...



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