
Medium- and long-term planning for the energy storage industry

What is the implementation plan for the development of new energy storage?

In January 2022, the National Development and Reform Commission and the National Energy Administration jointly issued the Implementation Plan for the Development of New Energy Storage during the 14th Five-Year Plan Period, emphasizing the fundamental role of new energy storage technologies in a new power system.

Why are energy storage technologies important?

They are also strategically important for international competition. KPMG China and the Electric Transportation & Energy Storage Association of the China Electricity Council ('CEC') released the New Energy Storage Technologies Empower Energy Transition report at the 2023 China International Energy Storage Conference.

Will the energy storage industry thrive in the next stage?

The energy storage industry is going through a critical period of transition from the early commercial stage to development on a large scale. Whether it can thrive in the next stage depends on its economics.

What drives energy storage project development?

Globally, energy storage project development is increasingly driven by the utility-scale segment, with mandates and targeted auctions driving gigawatt-hour projects in markets like China, Saudi Arabia, South Africa, Australia and Chile.

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, ...

This article proposes a distributed collaborative planning model for energy storage, transmission and distribution networks considering characteristics of long-term hydrogen ...

On February 27, the National Energy Administration released the "2025 Energy Work Guidance" to outline the year's energy work roadmap and boost the new energy storage ...

Foreword Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and ...

Secondly, combining the advantages of electrochemical energy storage and hydrogen energy storage technologies, integrating the dual regulation of short-term power and ...

The US energy storage market continued its record-breaking growth in 2024, adding 3.8 GW of energy storage in the third quarter alone--an 80% increase from the prior ...

BEIJING, Feb. 17 -- Chinese authorities unveiled several measures on Monday to promote the new-type energy storage manufacturing sector, as part of efforts to accelerate the ...

The battery storage industry in the U.S. has grown in leaps and bounds in recent years, surpassing its most aggressive targets to become one of the largest new sources of ...

China's medium- and long-term hydrogen plan targets 50,000 hydrogen fuel-cell vehicles and 100,000-200,000 tonnes/year of green hydrogen production by 2025, supported ...

