



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

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In this report, our lawyers outline key developments and emerging trends that will shape the energy storage market in 2025 and beyond.

Assess the role of energy storage in meeting capacity, flexibility, and transmission needs for a future decarbonized grid with electrified transportation, building, and industry sectors.

In December 2020, DOE released the Energy Storage Grand Challenge (ESGC), which is a comprehensive program for accelerating the development, commercialization, and utilization of next ...

After a decade of lithium-ion procurement, the leading clean energy states are finally turning their attention to long duration energy storage. Although it may still seem like a new idea, state-mandated ...

Long-duration energy storage (LDES) will play an increasingly important role in decarbonizing the power sector as more variable renewable energy is added to the electric power grid. LDES is defined by the U.S. Depart ...

Thermal energy storage (TES) has attributes suitable for long-duration storage including the ability to store heat effectively in low-cost materials. This report discusses several generic TES strategies that ...

This paper presents a comprehensive review of the most popular energy storage systems including electrical energy storage systems, electrochemical energy storage systems, mechanical energy storage ...

The US Energy Storage Monitor is a quarterly publication of Wood Mackenzie Power & Renewables and the American Clean Power Association (ACP). Each quarter, new industry data is compiled into this report to ...

These target future states were collaboratively developed as visions for the beneficial use of energy storage. The future states are further described below, including the gaps to address which may enable this future

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vision ...

For industry stakeholders, we intend this analysis to motivate decision-makers to look beyond near-term energy storage trends and consider whether longer-duration storage might hold value given expected future storage ...

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