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Battery storage projects surge as utilities prepare for next grid era in 2026 -- Battery storage projects nationwide are accelerating ahead of 2026, with utilities deploying systems to ...

Efficient and durable energy storage is vital for renewable integration. Here, the authors design an aqueous iron-cerium redox flow battery using a universal complexing agent ...

The New York State Energy Research and Development Authority (NYSERDA) today announced over \$5 million is now available to support innovative energy storage ...

Learn about the Energy Department's innovative research and development in different energy storage options. Pumped storage hydropower (PSH) is a type of hydroelectric energy storage.

In June 2024, Governor Hochul announced that the Commission had approved a new Energy Storage Roadmap for the state to achieve a nation-leading six gigawatts of ...

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

NLR's multidisciplinary research, development, demonstration, and deployment drives technological innovation and commercialization of integrated energy conversion and ...

The Electric Power Research Institute (EPRI) conducts research, development, and demonstration projects for the benefit of the public in the United States and internationally. As ...

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in materials chemistry, gain a fundamental understanding of ...

Over the last several decades, PNNL has seized the energy storage challenge and, in collaboration with stakeholders and research partners, is modernizing energy storage ...

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