



Dean of energy storage research institute

What is the University of Illinois doing about energy storage?

The University of Illinois is developing the next generation of energy storage devices through research in engineering and science. These efforts focus on storing renewable energy on the electric grid, enabling electric vehicles with extended range and reduced cost, and storage of thermal energy for enhanced building efficiency to name a few.

What is energy storage technology?

Energy storage technology acts as a reservoir that decouples the demand of energy from its supply and enables efficient use of energy. A variety of approaches are being used to store energy, including electrochemical and thermochemical storage.

What is energy storage & why is it important?

This scenario is especially relevant to the electric grid as renewable energy resources with inherently intermittent supply (e.g., wind and solar power) are integrated into it. Energy storage technology acts as a reservoir that decouples the demand of energy from its supply and enables efficient use of energy.



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