

What is Berkeley Lab's new energy storage center?

A brainchild of Lab Director Mike Witherell last spring, the intent was to reinforce Berkeley Lab's role as a serious national energy storage player, highlight the Lab's new Energy Storage Center which was established in the fall of 2020, and shine a spotlight on the depth and breadth of exciting energy storage work taking place at the Lab.

Why is energy storage important?

Energy storage is critical in the fight against climate change. It's a major area of focus for the Department of Energy (DOE) because of its importance as a solution for energy-efficient transportation, buildings, industry, the evolving grid, and resilience.

Are energy storage technologies a viable alternative to batteries?

Thermal, mechanical, and chemical energy storage technologies are evolving to be a viable alternative to batteries for a range of energy storage applications.

To build on the work of that committee, the department established the Energy Storage Grand Challenge. The goal of this challenge is to create and sustain U.S. global leadership in the ...

Slides from the Nov 17, 2020 Pumped Thermal Energy Storage Workshop, part of the SETO CSP R& D Virtual Workshop Series. Click to download the PDFs of the panelists' presentations below.

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Energy Storage for Manufacturing and Industrial Decarbonization Workshop "Energy StorM" Enabling Carbon-Free Energy for Industrial Decarbonization February 8-9, 2022 Hosted by: ...

This free, virtual workshop will bring together members of industry, national laboratories, universities, and government to discuss the needs, challenges, and opportunities associated ...

The world of non-battery energy storage technology is a rapidly evolving and exciting field of study. This joint industry-government-academia TMCES workshop will bring together some of ...

This joint industry-government-academia TMCES workshop will bring together some of the world leaders in our technology field from industry, academia, and government, and will provide an ...

The Bioenergy Technologies Office hosted the Bioenergy's Role in Soil Carbon Storage Workshop in March

2022, which covered the topic of soil carbon storage with a focus on the role of bioenergy.. Input and insight from ...

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