

Energy storage project announcement time



Overview

2024, LPO announced a conditional commitment for a loan guarantee of up to \$305.54 million to finance Project IceBrick, a VPP consisting of up to 193 cold thermal energy storage installations at commercial buildings across California.

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[Los Esteros Critical Energy Facility \(03-AFC-02C\) Petition for](#)

The project owner seeks approval to modify the LECEF Decision and develop a 200 MW with approximately 1,600 mega-watt hours, lithium-ion phosphate (LFP) battery energy storage

[Energy Dome signs US contract with Alliant](#)

Madison, Wisconsin - 23 October 2024 - Energy Dome, a leader in long-duration energy storage solutions, announces a landmark advancement in its commercial



[Ofgem super-charging clean power storage for first time in 40 years](#)

A new era for renewable power and energy security begins today (Tuesday 8 April) as Ofgem launches a new cap and floor investment support scheme, unlocking billions in funding to

[MIT Energy Initiative conference spotlights research](#)

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.



[LPO Announces Conditional Commitment to Nostromo](#)

On December 9, 2024, LPO announced a conditional commitment for a loan guarantee of up to \$305.54 million to finance Project IceBrick, a VPP consisting

[Next-generation geothermal energy: Promise, progress, and challenges](#)

Geothermal energy, a clean, continuous energy source accessible in many locations, has been slow to catch on. Nearly 2,000 years ago, the Romans made extensive use of geothermal



[New facility to accelerate materials solutions for fusion energy](#)

The new Schmidt Laboratory for Materials in Nuclear Technologies (LMNT) at the MIT Plasma Science and Fusion Center accelerates fusion materials testing using cyclotron proton beam

[How artificial intelligence can help achieve a clean energy future](#)

A look at how AI can be used to help support the clean energy transition by helping to manage power grid operations, plan infrastructure investments, guide the development of novel



Long-Duration Energy Storage

Download the Funding Opportunity Announcement, issued November 2022. Watch a recap of the Long-Duration Energy Storage Request for Information Webinar,

[New materials could boost the energy efficiency of microelectronics](#)

MIT researchers developed a new fabrication method that could enable them to stack multiple active components, like transistors and memory units, on top of an existing circuit, which



[Explained: Generative AI's environmental impact](#)



Long Duration Energy Storage Program

In 2025, the CEC awarded Charge Bliss, Inc. a \$28 million grant award to deploy an LDES system to support a microgrid serving the Valley Children's Hospital in Madera, CA. The

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.



[A new approach could fractionate crude oil using much less energy](#)

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce the amount of energy needed for crude oil

[PG&E delays recommissioning of California BESS](#)

California utility Pacific Gas and Electric (PG&E) has pushed back recommissioning of the Elkhorn battery energy storage system (BESS) by approximately one year, to 30 June 2026. This



[Global news, analysis and opinion on energy storage](#)

New South Wales has been warned that it must accelerate the development of battery energy storage systems to meet its 2030 targets.

[What's the best way to expand the US electricity grid?](#)

Growing energy demand means the U.S. will almost certainly have to expand its electricity grid in coming years. What's the best way to do this? A new study by MIT researchers examines





Evelyn Wang: A new energy source at MIT

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel

[Energy Vault, PG&E Announce Successful Completion](#)

Today's announcement comes on the heels of the recent completion of the Cross Trails BESS, the first project to be placed in service under Energy



[Using liquid air for grid-scale energy storage](#)

Liquid air energy storage could be the lowest-cost solution for ensuring a reliable power supply on a future grid dominated by carbon-free yet intermittent energy sources, according to a new

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