

# Energy storage delays grid construction



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### [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

### [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.



### [California lawmakers say utilities must be accountable](#)

Eighteen California legislators wrote to the California Public Utilities Commission last week asking them to hold Pacific Gas & Electric and Southern

### [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



### [Pervasive, Nationwide Storage Grid-Connection Delays](#)

Grid-interconnection delays are impeding new renewable-energy projects across the nation from coming on line, especially energy storage

[U.S. EV Battery Storage Projects Face Grid Interconnection Delays](#)

Utility-scale battery storage projects linked to electric vehicle infrastructure expansion are encountering grid interconnection delays across several U.S. regions in 2026.



[Grid Interconnection Delays 2026: A Threat to US Energy](#)

Grid interconnection delays threaten US energy growth in 2026 with a 2,600 GW backlog. Discover the economic risks & key solutions driving vital grid reform now.

[The Roadblock to Battery Storage in California](#)

The California Independent System Operator (CAISO) is facing significant delays in processing Battery Energy Storage System (BESS) projects



**Breaking the U.S. interconnection logjam**

Experts at Intersolar and Energy Storage North America highlight key reforms to accelerate interconnection and reduce project delays.

[Generators and Buildings Face Big Delays in](#)

Months-long delays in energizing grid connections are hampering the completion of new homes and buildings, impeding efforts to lower California's



[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

[Battery Energy Storage Growing on U.S. Grid, But](#)

Historic amounts of energy storage, primarily lithium-ion battery systems, are being added to the U.S. grid, driven by a need to balance



[Energy Storage Delays in California: A Wake-Up Call for Resilience in](#)

The recent delays in recommissioning Pacific Gas and Electric (PG&E)'s Elkhorn Battery Energy Storage System (BESS) at Moss Landing have exposed a critical vulnerability in California's

[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



[Breaking the U.S. interconnection logjam - pv](#)

Lengthy interconnection queues remain a major roadblock to deploying energy storage; in 2024, an estimated 139GW of storage capacity

**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



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



### [Introducing the MIT-GE Vernova Climate and Energy Alliance](#)

The MIT-GE Vernova Climate and Energy Alliance, a five-year collaboration between MIT and GE Vernova, aims to accelerate the energy transition and scale new innovations.



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

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

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



### [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



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