

Energy Storage Project Planning for 2025



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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

[Energy , MIT News , Massachusetts Institute of Technology](#)

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.



2025 C&I Energy Storage Investment Whitepaper

This white paper examines the current state, key trends, and future prospects of the C&I energy storage market in 2025, providing stakeholders with

[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



[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

[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



[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

[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.



Explained: Generative AI's environmental impact

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



[Concrete "battery" developed at MIT now packs](#)

[10 times the power](#)

New concrete and carbon black supercapacitors with optimized electrolytes have 10 times the energy storage of previous designs and can be incorporated into a wide range of architectural



[Energy Storage Rides a Wave of Growth but Uncertainty Looms:](#)

In this report, our lawyers outline key developments and emerging trends that will shape the energy storage market in 2025 and beyond.

[Forecast uncertainty tempers a banner 2025 for US energy storage](#)

Forecast uncertainty tempers a banner 2025 for US energy storage: reports Uncertainty around future load growth, federal guidance on foreign-sourced battery materials and other policy



EPRI's Energy Storage Roadmap, Vision for 2025

These target future states were collaboratively developed as visions for the beneficial use of energy storage. The future states are further described below, including the gaps to address which may

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



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