

Energy Storage Project Portfolio



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Energy Vault Enters Japanese Market with Acquisition of 850 MW

Energy Vault(R) develops, deploys and operates utility-scale energy storage solutions designed to transform the world's approach to sustainable energy storage.

[Solar and Energy Storage Project Portfolio , Arevon](#)

We are committed to providing renewable energy across the U.S. Explore our solar, energy storage, solar-plus-storage, and distributed generation projects.



[Energy Vault enters Japan with 850MW BESS portfolio](#)

The transaction also includes onboarding a local team of energy experts, strengthening Energy Vault's presence in one of the fastest-growing energy storage markets among developed

Energy Vault Enters Japanese Market with Acquisition of 850 MW

The transaction includes the integration of an established team of local energy experts and the acquisition of an 850 MW Battery Energy Storage System (BESS) development portfolio. Japan





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](#)

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



Top 7 Battery Energy Storage System (BESS) Projects in the USA 2026

Discover the largest battery storage projects in the U.S. for 2025, including Darden, Bellefield, and Swiftsure.

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



[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

Battery Energy Storage Projects

Explore Prevalon's portfolio of utility-scale battery energy storage projects across North America and global markets - 35+ deployments, 6.4+ GWh, spanning



Two-Property Utah 1.8 GWh Battery Energy Storage Portfolio Trades

JLL's US Energy and Infrastructure Advisory team announced that it has arranged the sale of a two-project 1.8 GWh battery energy storage portfolio in Utah. JLL acted as the exclusive sell

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



[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.

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



ENERGY STORAGE PROJECTS

Accelerated by DOE initiatives, multiple tax credits under the Bipartisan Infrastructure Law and Inflation Reduction Act, and decarbonization goals

[Making clean energy investments more successful](#)

New research emphasizes the importance of well-validated models and forecasting tools in evaluating choices for investments in clean energy technologies and policies by governments and



[Energy Vault to acquire 850MW BESS portfolio in Japan](#)

Energy Vault has signed a binding agreement to acquire a portfolio of 850MW battery energy storage system (BESS) projects from a domestic energy storage developer in Japan.

[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





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

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