

# Energy Storage Group s New Energy Installed Capacity



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### [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.

### [U.S. Adds 58 GWh of New Energy Storage Capacity in 2025](#)

Despite actions in Washington targeting clean energy, over 600 GWh of energy storage is expected to be installed by 2030. This rapid deployment will help lower energy costs, enhance



### [ENGIE reaches more than 1.8 GW of Battery Energy](#)

ENGIE announces it has reached more than 1.8 GW of Battery Energy Storage System (BESS) capacity in operation across the United States,

### **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





## California Energy Storage System Survey

From 2018 through mid- 2025, battery storage capacity in California increased from 500 megawatts (MW) to more than 16,900 MW. The state projects 52,000 MW

### [California installs 10 GW of utility-scale batteries](#)

For the period of October through and including December of 2024, there are 31 energy storage projects in the 860M queue, totaling just over 1.9



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

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



### [A new record: US added 58 GWh of new energy storage capacity in](#)

The U.S. energy storage industry installed a record-breaking 57.6 gigawatt-hours (GWh) of new capacity in 2025, the largest single year of new battery capacity additions on record, per

the

### [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



### [SEIA: US installed 57.6 GWh of new energy storage](#)

The U.S. energy storage industry installed 57.6 GWh of new capacity in 2025, the largest single year of new battery capacity additions on

### [Vistra Completes Milestone Expansion of Flagship](#)

Executing on its commitment to grow its zero-carbon portfolio has made Vistra a market leader in battery energy storage, as it now owns the



### **Today in Energy**

Solar power makes up 51% of the planned 2026 capacity additions, followed by battery storage at 28% and wind at 14%. In 2025, 53 GW of new capacity was added to the grid, the largest

### [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.



### [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

### [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



### [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 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



### [California utility PG&E proposes 1.6GW/6.4GWh of new](#)



Plans to procure energy from nine large-scale battery energy storage system (BESS) projects in California have been announced by Pacific

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