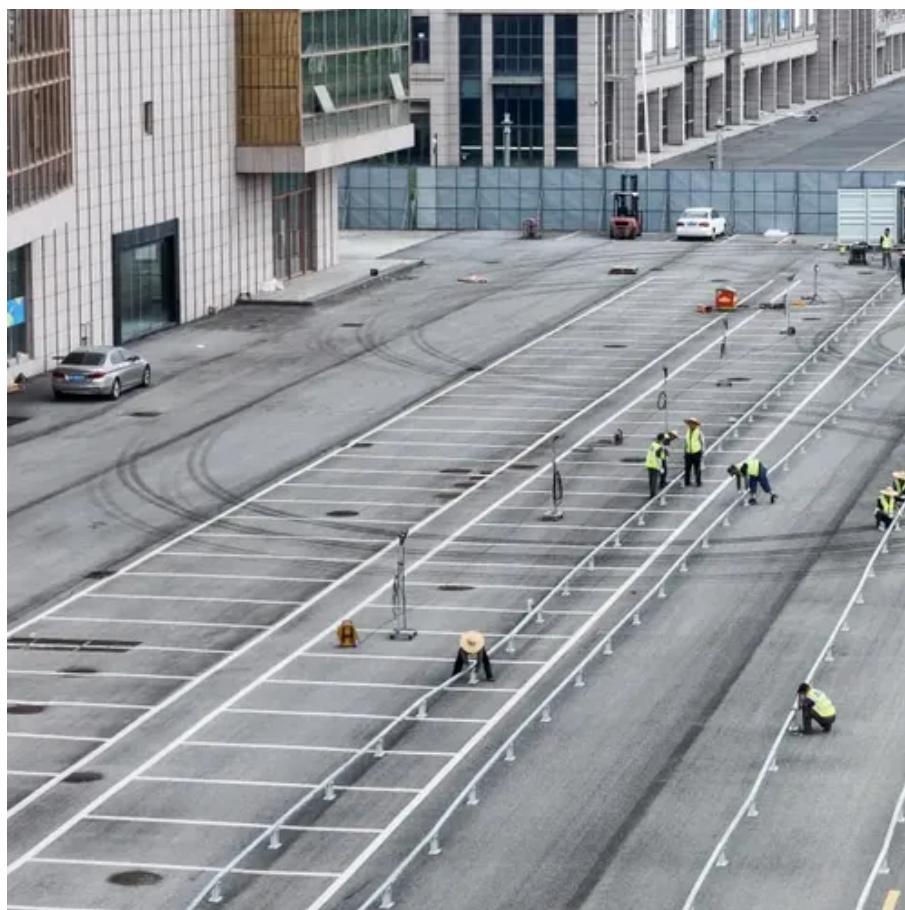




# Energy storage projects in the second quarter of 2025





## Overview

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5.6 GW total storage added in Q2 2025. 4.9 GW came from utility-scale projects, up 63% year over year. Homes added 608 MW, a 132% jump year over year. California, Texas, and Arizona each added more than 1 GW of storage. Led national growth; largest ever quarter.

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The United States added a record 5.6 GW of battery storage from April to June 2025. The jump came from big grid projects and from homes adding batteries, too. ACP and Wood Mackenzie report that the market reached its biggest quarter ever: 5.6 GW installed in Q2 2025. That's a new high for the US.

WESTLAKE VILLAGE, Calif.-- (BUSINESS WIRE)-- Energy Vault Holdings, Inc. (NYSE: NRGV) ("Energy Vault" or "the Company"), a leader in sustainable, grid-scale energy storage solutions, announced financial results for the second quarter ended June 30, 2025. "We made good progress in our key growth.

The energy storage sector maintained its upward trajectory in 2024, with estimates indicating that global energy storage installations rose by more than 75%, measured by megawatt-hours (MWh), year-over-year in 2024 and are expected to go beyond the terawatt-hour mark before 2030. Continued.



## Energy storage projects in the second quarter of 2025



### [Preparing Taiwan for a decarbonized economy](#)

Taiwan's Innovative Green Economy Roadmap (TIGER) is a two-year program with the MIT Energy Initiative, exploring ways that industry and government can promote and adopt ...

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

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



### [U.S. Energy Storage Market Hits Record 5.6 GW in Q2 2025](#)

The U.S. energy storage market posted its strongest quarter on record in Q2 2025, with 5.6 gigawatts (GW) of new installations, according to the U.S. Energy Storage ...

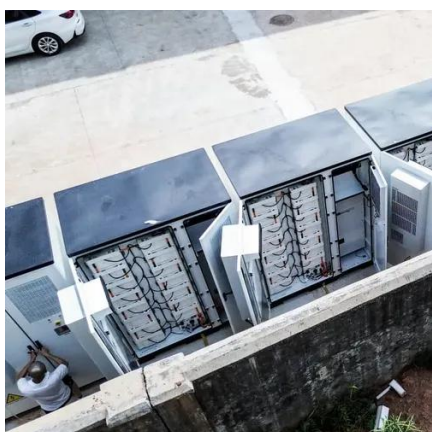
### [Evelyn Wang: A new energy source at MIT](#)

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 ...



### [Study shows how households can cut energy costs](#)

Giving people better data about their energy use, plus some coaching, can help them substantially reduce their consumption and costs, according to a study by MIT ...



### [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, ...



### [Energy Storage Market Has Record Quarterly ...](#)

The latest U.S. Energy Storage Monitor from the groups reports 5.6 GW of installations during the second quarter of 2025. The ...



## **Ensuring a durable transition**



At the MIT Energy Initiative's Annual Research Conference, speakers highlighted the need for collective action in a durable energy transition capable of withstanding obstacles.



### **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 ...

### [Energy Vault Reports Second Quarter 2025 Financial Results](#)

WESTLAKE VILLAGE, Calif.-- (BUSINESS WIRE)-- Energy Vault Holdings, Inc. (NYSE: NRGV) ("Energy Vault" or "the Company"), a leader in sustainable, grid-scale energy storage ...



### [Energy Storage Market Has Record Quarterly Deployments](#)

The latest U.S. Energy Storage Monitor from the groups reports 5.6 GW of installations during the second quarter of 2025. The groups said utility-scale energy storage ...



### **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 ...



### [Record Quarter for US Energy Storage - Energy Drink](#)

The U.S. energy storage sector achieved its best quarter ever, adding a record 5,6 GW of new capacity in the second quarter of 2025, according to a report by the American ...

### [US energy storage hits record 5.6 GW in the second quarter](#)

The US energy storage market recorded historic growth in the second quarter of 2025, with a total installed capacity of 5.6 gigawatts (GW), according to the latest US Energy Storage Monitor ...



### [US Energy Storage Sets a New Record in Q2 2025](#)

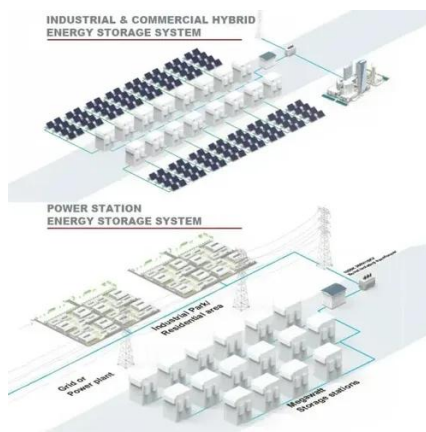
The United States added a record 5.6 GW of battery storage from April to June 2025. The jump came from big grid projects and from homes adding batteries, too. ACP and ...



### **CEA records 21 GWh of US battery storage factory cancellations in 2025**



Clean Energy Associates (CEA) says falling costs are driving rising demand for US-made energy storage systems, based on second-quarter data, even as some manufacturing ...



### Confronting the AI/energy conundrum

The MIT Energy Initiative's annual research spring symposium explored artificial intelligence as both a problem and solution for the clean energy transition.

### US Energy Storage Installations Reach New Quarterly Record in ...

While early adopters continue leading in deployment, activity across the country shows clear demand for utility-scale energy storage as a solution to rising electricity prices and ...



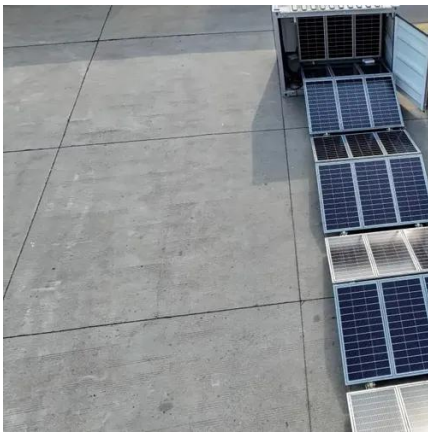
### MIT Climate and Energy Ventures class spins out entrepreneurs ...

In MIT course 15.366 (Climate and Energy Ventures) student teams select a technology and determine the best path for its commercialization in the energy sector.

### Unlocking the hidden power of boiling -- for energy, space, and ...



Unlocking its secrets could thus enable advances in efficient energy production, electronics cooling, water desalination, medical diagnostics, and more. "Boiling is important for ...



[Battery boom: 5.6 GW of US energy storage added in Q2](#)

US battery storage hits record 5.6 GW in Q2 2025, led by utility-scale growth, but sourcing rules may slow future gains.



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