

# **Energy storage projects are a new industry**





## Overview

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What is energy storage in 2025?

Energy Storage in 2025: What's Hot and What's Next?

The energy storage landscape is changing quickly as scientists work to create better and longer-lasting storage solutions. Experts are focused on improving smart grids to ensure that electricity systems work well and are cost-effective.

Why is energy storage important?

Allison leads our global research into energy storage. The global energy storage market had a record-breaking 2024 and continues to see significant future growth and technological advancement. As countries across the globe seek to meet their energy transition goals, energy storage is critical to ensuring reliable and stable regional power markets.

Why did energy storage surge in Q1 2025?

That makes Q1 2025 the biggest first quarter for energy storage in US history. The surge was led by utility-scale projects, which accounted for over 1.5 GW of the new capacity, a 57% jump compared to Q1 2024. Surging energy demand is putting the electric grid under strain," said John Hensley, SVP of markets and policy analysis at ACP.

How many energy storage projects are in the pipeline?

In response to rising demand and the challenges renewables have added to grid balancing efforts, the power industry has seen an uptick in energy storage project activity, with more than 4,000 storage projects in the pipeline globally, according to GlobalData. Credit: Thitichaya Yajampa via Shutterstock.

Is energy storage at a crossroads?



The Q1 2025 results demonstrate the demand for energy storage in the US to serve a grid with both growing renewables and growing load,” said Allison Weis, global head of energy storage at Wood Mackenzie. “However, the industry stands at a crossroads, with potential policy changes threatening to disrupt this momentum.”.

How has the IRA impacted the energy storage industry?

The energy storage industry has continued to progress over the course of 2024 and into 2025, buoyed in significant part by the federal income tax benefits in the form of tax credits enacted under the IRA. Energy storage was one of the major beneficiaries of the IRA’s new rules on both the deployment and manufacturing sides.



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### Energy storage: 5 trends to watch in 2025 , Wood Mackenzie

In this dynamic environment, staying abreast of the latest market trends and developments is crucial for all industry players. This in mind, our Energy Storage Service team ...

### Energy Storage Rides a Wave of Growth but Uncertainty ...

Continued expansion of intermittent renewable energy, ESG-focused investments, the growing versatility of storage technologies to provide grid and customer services, and declining costs ...



### U.S. energy storage industry commits \$100 billion in ...

The U.S. energy storage industry is committed to investing \$100 billion in American grid batteries, including both capital for building new battery ...

### US energy storage set a new record in Q1 2025 but the future ...

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put



that growth at serious risk.



### Energy storage: 5 trends to watch in 2025 , Wood ...

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### Top 10 Energy Storage Trends & Innovations , StartUs Insights

Curious about how emerging startups are powering the future of energy storage? In this data-driven industry research on energy storage startups & scaleups, you get insights into ...



### Future of energy storage: 7 Powerful Trends in 2025

Explore the Future of energy storage--discover key technologies, market trends, and innovations powering the clean-energy transition.





## Energy-Storage.News

With RE+ bringing thousands of energy storage professionals to Las Vegas this week, here are some announcements that have hit the Energy-Storage.news desk.



## Industry Updates Archive

Trina Storage has shipped the first 1.2GWh batch of its self-developed Elementa 2 BESS to Chile, marking its largest overseas standalone energy storage project to date and ...

## Energy Storage , ACP

The energy storage industry has announced a historic commitment to invest \$100 billion in building and buying American-made grid batteries, including capital for new battery ...



## Energy Storage Market Outlook 2024 , StartUs Insights

The 2024 Energy Storage Industry Report explores current trends, investments, and tech advancements shaping the global market. This report examines the ...



## U.S. Energy Storage Industry to Invest \$100 Billion in ...

Industry Commits to Investing \$100 Billion into Building and Buying American-Made Grid Batteries The U.S. energy storage industry is committed to investing more than \$100 billion in American ...



## 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.

## CHINA'S ACCELERATING GROWTH IN NEW TYPE ...

The Coverage and Intensity of Policies Continuing to Increase Technological breakthrough and industrial application of new type storage are included in the 2023 energy work of the National ...





## The energy storage space is heating up. Here are some of the

Utility Dive examined four technologies at the forefront of the growing energy storage sector, and spoke to some of the companies bringing them to market, to get a better ...

### [INSIGHT: China new energy storage capacity to ...](#)

The new energy storage market in China has great development potential in the future. The cumulative installed capacity of new energy storage ...



## 10 cutting-edge innovations redefining energy storage solutions

From iron-air batteries to molten salt storage, a new wave of energy storage solutions is set to unlock resilience for tomorrow's grid.

## Energy Storage in 2025: What's Hot and What's Next?

Meanwhile, industrial consumers are adopting energy storage as a service to integrate renewable sources and meet their demands. This table ...



### **US energy storage set a new record in Q1 2025 but ...**

US energy storage set a Q1 record in 2025 with 2 GW added, but looming policy changes could put that growth at serious risk.



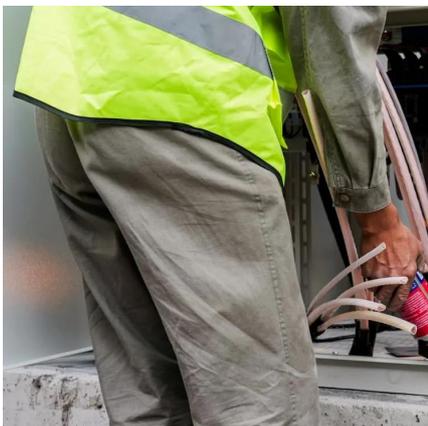
### **The energy storage space is heating up. Here are ...**

Utility Dive examined four technologies at the forefront of the growing energy storage sector, and spoke to some of the companies bringing ...



### **Navigating energy storage financing amidst rising interest rates ...**

The path forward will require creativity, coordination, and continued investment--but the rewards are clear: a more resilient, reliable, and decarbonized grid. ...





## Energy Storage News

This RFI solicits feedback on a proposed Blue Sky Training Program to train first responders, law enforcement agencies, local communities, and utilities on ...



## Energy Storage News

This RFI solicits feedback on a proposed Blue Sky Training Program to train first responders, law enforcement agencies, local communities, and utilities on responding to unanticipated failures ...

## U.S. Battery Storage Hits a New Record Growth in 2024

The U.S. battery storage market achieved unprecedented growth in 2024, fueled by the need for renewable energy integration and improved ...



## Energy Storage in 2025: What's Hot and What's Next?

Meanwhile, industrial consumers are adopting energy storage as a service to integrate renewable sources and meet their demands. This table illustrates the most influential ...



### What 2025 holds for the US energy storage market

The new Trump Administration's ambiguous stance on the production tax credit (PTC) and investment tax credit (ITC) for the renewable ...



### **Global energy storage market: review and outlook-Industry ...**

Global energy storage market The global energy storage market added 175.4 GWh of installed capacity in 2024, with the three major regional markets--China, the Americas, and ...

### **U.S. developers report half of new electric generating capacity will**

Developers added 12 gigawatts (GW) of new utility-scale solar electric generating capacity in the United States during the first half of 2025, and they plan to add another 21 GW ...





## **Energy storage industry put on fast track in China**

The new technologies including gravity storage, liquid air storage, carbon dioxide storage have been developed as well, according to the NEA. Also, some provincial-level ...

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