



New energy storage field is ready to go





Overview

From iron-air batteries to molten salt storage, a new wave of energy storage innovation is unlocking long-duration, low-cost resilience for tomorrow's grid.

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From iron-air batteries to molten salt storage, a new wave of energy storage innovation is unlocking long-duration, low-cost resilience for tomorrow's grid. In response to rising demand and the challenges renewables have added to grid balancing efforts, the power industry has seen an uptick in.

We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U.S. power grid in 2025 in our latest Preliminary Monthly Electric Generator Inventory report. This amount represents an almost 30% increase from 2024 when 48.6 GW of capacity was installed, the largest.

Houston/WASHINGTON, D.C., September 26, 2025 — The U.S. energy storage market set a record for quarterly growth in Q2 2025, with 5.6 gigawatts (GW) of installations, according to the latest U.S. Energy Storage Monitor report released today by the American Clean Power Association (ACP) and Wood.

The US energy storage market just posted its strongest Q1 ever, adding more than 2 gigawatts (GW) of capacity across all segments, according to the latest US Energy Storage Monitor from Wood Mackenzie and the American Clean Power Association (ACP). That makes Q1 2025 the biggest first quarter for.



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[Energy Storage Innovators Plumb Iron Age For New Batteries](#)

The Iron Age is rising again, as energy storage innovators search for new technologies that can outperform lithium-ion on cost and duration.

[Draft Energy Storage Strategy and Roadmap ...](#)

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically ...



Ready to Let Go

Very little new natural gas storage capacity has been built along the Gulf Coast the past few years, but that's changing. Driven by ...

[Long Island residents concerned about plans for lithium-ion ...](#)

HOLBROOK, N.Y.-- A new storage facility on Long Island just got the green light to house lithium-ion batteries, but residents who live near the proposed plant tell CBS New ...



[The 7th Hongqiao Forum "New Energy Storage ...](#)

On October 15, the sub-forum forward-looking salon of the 7th Hongqiao Forum "New Energy Storage Driving Future Energy Transformation" was ...

[New energy storage to see large-scale development by 2025](#)

China aims to further develop its new energy storage capacity, which is expected to advance from the initial stage of commercialization to large-scale development by 2025, with ...



[UK renewable energy entrepreneur's new battery storage venture ...](#)

Oldham is due to go live in April 2022, with its next site - Field Gerrards Cross - to follow shortly after in August of next year. Field is planning to get its current 160MW pipeline in ...



[US energy storage set a new record in Q1 2025 but the future ...](#)



Energy storage is no longer limited to early-adopter states like California and Texas. In Q1, Indiana added 256 megawatts (MW) of new energy storage, quadrupling its total ...



[US energy storage set a new record in Q1 2025 ...](#)

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



[First Bulk Energy Storage Solicitation Announced As Part of New ...](#)

Governor Kathy Hochul today announced the launch of New York's first Bulk Energy Storage Request for Proposals (RFP), intended to procure one gigawatt (GW) of bulk ...



[The Future of Energy Storage: Five Key Insights ...](#)

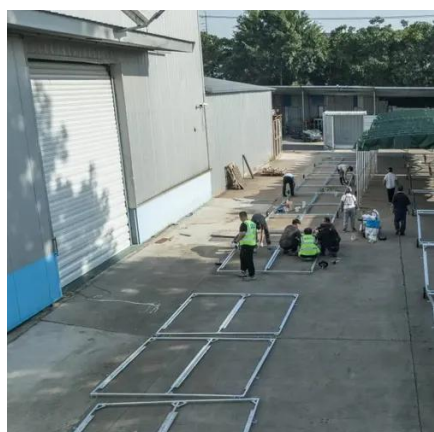
Breakthroughs in battery technology are transforming the global energy landscape, fueling the transition to clean energy and ...



[Its Official Fossil Fuels Love Energy Storage Too](#)



The US energy provider Ameren indicates that the energy storage movement has broad economic and political clout beyond wind and solar.



[Global Energy Storage Growth Upheld by New Markets](#)

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, ...

[10 cutting-edge innovations redefining energy storage solutions](#)

Here are ten notable innovations taking place across different energy storage segments, as highlighted in GlobalData's Emerging Energy Storage Technologies report.



[Global news, analysis and opinion on energy storage innovation ...](#)

Wins in competitive solicitations for large-scale battery storage projects in India have been announced by KPI Green Energy Ltd and Power Grid Corporation of India in the past few days.



solar.cgprotection



Storage enables electricity systems to remain in balance despite variations in wind and solar availability, allowing for cost-effective deep decarbonization while maintaining ...



[Top 10 Energy Storage Trends & Innovations](#)

Discover the Top 10 Energy Storage Trends plus 20 out of 3400+ startups in the field and learn how they impact your business.

[New pumped hydro around the world: Tried and tested long ...](#)

For over 100 years, pumped-storage hydroelectric power (pumped hydro) has supported electricity consumption around the world. Here are just a few recent projects that ...



[Norfolk solar facility, battery energy storage system ready to go ...](#)

Aug 19, 2020 Norfolk solar facility, battery energy storage system ready to go with aim at being in operation in late 2021



[Everything you need to know about energy storage](#)



A vital way to ensure we're making the most of our renewable energy generation is energy storage. But what exactly is energy storage, ...



New Leaf Energy

At New Leaf Energy, we partner with landowners, policy makers, and other stakeholders to accelerate renewable energy ...



[Global news, analysis and opinion on energy storage innovation ...](#)

Wins in competitive solicitations for large-scale battery storage projects in India have been announced by KPI Green Energy Ltd and Power Grid Corporation of India in the past few days.

Our Lipo4 batteries can be connected in parallels and in series for larger capacity and voltage.



New energy technology research

Global research in the new energy field is in a period of accelerated growth, with solar energy, energy storage and hydrogen energy receiving extensive attention from the global research ...

[10 cutting-edge innovations redefining energy ...](#)



Here are ten notable innovations taking place across different energy storage segments, as highlighted in GlobalData's Emerging ...



[Solar, battery storage to lead new U.S. generating capacity ...](#)

In 2025, capacity growth from battery storage could set a record as we expect 18.2 GW of utility-scale battery storage to be added to the grid. U.S. battery storage already achieved record ...



Fuelled , Tank

View Tank on Fuelled. ? 1000 BBL INSULATED STORAGE TANKS -- READY TO GO! ? Large Inventory , Lightly Used , Excellent Condition ? Located in Crossfield, Alberta Inclusive Energy ...



[Everything you need to know about energy storage](#)

A vital way to ensure we're making the most of our renewable energy generation is energy storage. But what exactly is energy storage, and why do we need it? Energy storage ...



[What's Next for Energy Storage](#)



A quick look at projections for energy storage development, including costs and types of long-duration technologies in demonstration.



[Energy Storage Innovators Plumb Iron Age For ...](#)

The Iron Age is rising again, as energy storage innovators search for new technologies that can outperform lithium-ion on cost and ...

[Draft Energy Storage Strategy and Roadmap Update Released](#)

In December 2020, DOE released the ESGC Roadmap, the Department's first comprehensive energy storage strategy to develop and domestically manufacture energy storage technologies ...



[Beyond Lithium: The Next Frontier In Energy Storage](#)

Global demand for energy storage is surging. Lithium-ion leads today, but new contenders like sodium-ion, flow, and gravity systems are shaping the future grid.



[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 ...



New Leaf Energy

At New Leaf Energy, we partner with landowners, policy makers, and other stakeholders to accelerate renewable energy adoption. One of the most experienced renewable energy ...

[US energy storage industry ready to commit US\\$100 billion](#)

Clean energy trade body American Clean Power Association (ACP) announced a commitment on behalf of the US energy storage industry to invest US\$100 billion in building ...





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