



# Power Storage 2025





## Overview

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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.

The scene is set for significant energy storage installation growth and technological advancements in 2025. And more. 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.

Solar and wind not only kept pace with global electricity demand growth, they surpassed it across a sustained period for the first time, signalling that clean power is now steering the direction of the global energy system. Solar gained momentum in regions once seen as peripheral, from Central.



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### 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.

### REPORT: Energy Storage Market Continues Strong Growth in Q1 2025

The U.S. energy storage market added more than 2 GW across all segments in Q1 2025, marking the highest Q1 on record. The utility-scale segment led the way with more than ...



### [Highlights of the global energy transition in 2025 , Ember](#)

Synthesis of Ember's key findings from 2025, tracing how clean electricity expanded, where new growth centres emerged and how technologies like batteries and ...



### [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.



## 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 ...

## Energy storage industry set aggressive goals for 2025

The battery storage industry in the U.S. has grown in leaps and bounds in recent years, surpassing its most aggressive targets to become one of the largest new sources of ...



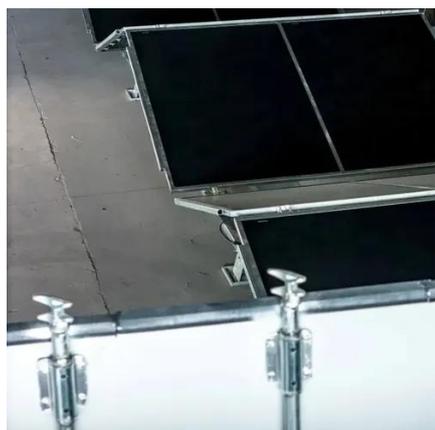
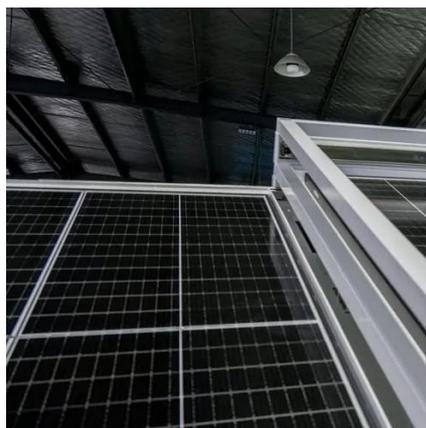
## Energy storage: 5 trends to watch in 2025 , Wood Mackenzie

The scene is set for significant energy storage installation growth and technological advancements in 2025. Outlook and analysis of emerging markets, cost and supply chain risk, ...



## We're about to see a \$1 trillion 'super-cycle' of investment in

After record growth in 2024, U.S. battery energy storage systems (BESS) could grow from more than 26 gigawatts (GW) of capacity--enough to power 20 million homes--to ...



## How energy storage could solve the growing power crisis in the U.S.

According to a 2025 Cleanview report, the country installed a record-breaking 48.2 gigawatts (GW) of utility-scale solar, wind and battery storage capacity--a 47% increase over ...

## [Top Energy Storage Trends to Watch for in 2025](#)

Advancements in energy storage technologies, such as lithium-ion batteries, solid-state batteries, and pumped hydro storage, are driving significant improvements in efficiency, ...



## [How energy storage could solve the growing power ...](#)

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## Contact Us

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