

New Energy Storage 2025





Overview

Looking ahead, experts predict 80 GW of new additions in 2025, representing an eightfold increase from 2021 levels. Perhaps most exciting is the emergence of long-duration storage technologies that can provide power not just for hours, but for days or even seasons. 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.

What is the future of energy storage?

The future of energy storage is unfolding before our eyes, reshaping how we power our world. It's like watching the early days of smartphones—we know we're witnessing something revolutionary, but the full impact is still unfolding. For those wondering where this technology is heading, the trends are clear and exciting.

How many GW of battery storage will be installed in 2025?

The pace of deployment is accelerating dramatically. In 2023 alone, global battery storage additions reached 42 GW—more than double the previous year's installations. Looking ahead, experts predict 80 GW of new additions in 2025, representing an eightfold increase from 2021 levels.

Which emerging markets will lead the storage industry in 2025?

In Latin America, momentum was built as storage deployments increased by 42%. In 2025, emerging markets for storage will be on the rise. Saudi Arabia will lead the charge, fuelled by its expansion of solar and wind generation.

Was 2024 a good year for energy storage?



For a good overview of the energy storage situation at the end of last year, focused on batteries collected to act at grid scales, read “ 2024 was a fantastic year for energy storage ” (Julian Spector, Canary Media).

What will energy supply look like in 2025?

In 2025, developing new methods of supplying affordable and clean energy to some of the most underserved regions will be an increasingly urgent priority. Worldwide, there is still a tremendous appetite for replacing fossil fuels and polluting energy supplies with clean, green alternatives.



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[Key Trends Shaping Battery Energy Storage in 2025](#)

A report by global research and consultancy firm WoodMackenzie, published in January, identified five major trends that are expected to define this sector in 2025, creating ...



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Cleanview January 2025 report

of clean energy capacity in 2025, according to developer projections. If those numbers hold, that would represent 26% growth, compared to 2023's growth rate of 47%.

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India Energy Storage Week 2025

India Energy Storage Week (IESW) is a flagship international conference & exhibition by India Energy Storage Alliance (IESA), will be held from 1st to 5th July 2024.

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[Solar Market Insight Report Q3 2025](#)

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[11 New Battery Technologies To Watch In 2025](#)

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