

Global Energy Storage Power



Overview

Total global capacity now stands at approximately 270 GW, with projections indicating the market will reach 1,545 GW by 2034 - nearly a sixfold increase. Energy storage has established itself as a critical component of the global energy transition.

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Energy Storage Signals Shift to Renewable Grids

China, the U.S., and the EU lead on global energy storage installations, while emerging markets, such as Chile, are planning notably high shares of energy storage colocated with wind and

[Four global risk trends likely to shape the planet through 2030](#)

The path to 2030 is paved with economic, political, technological, and societal challenges. Here are the most important global risks identified by NYU research.



[Record Energy Storage Investment Flows Signal a Fundamental Shift](#)

The global energy sector is experiencing its most dramatic transformation since the industrial revolution, and energy storage investment sits at the epicenter of this seismic shift. What

Global Energy Storage Market Outlook

30 GW Energy storage target by 2025 at a federal level. Multiple provincial targets will likely exceed this.



[How supply chains need to adapt to a shifting global landscape](#)

Global supply chains face rising geopolitical fragmentation and economic divergence, driving

four plausible outlooks, from multilateral cooperation to full degradation.

[Global energy in 2026: Growth, resilience and competition](#)

For the global energy economy, 2026 is shaping up to be a high-stakes execution test shaped around three themes: growth, resilience and competition.

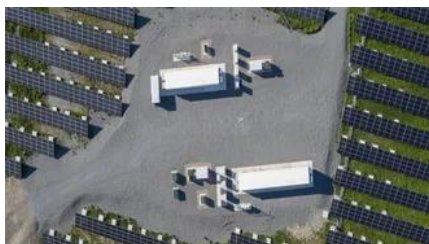


[Why we need innovative funding models for global health](#)

Global health gains are at risk. New funding models, regional systems and delivery innovation are vital to build resilient, equitable healthcare worldwide.

DOE Global Energy Storage Database

The DOE Global Energy Storage Database provides research-grade information on grid-connected energy storage projects and relevant state and federal policies. All data can be exported to Excel or



Global energy storage market surpasses 100 GW

Total global capacity now stands at approximately 270 GW, with projections indicating the market will reach 1,545 GW by 2034 - nearly a sixfold

Global Risks Report 2026

The Global Risks Report 2026, the 21st edition of this annual report, marks the second half of a

turbulent decade. The report analyses global risks through three timeframes to support



[ASEAN will drive global growth. Here's how to unleash it](#)

By 2030, ASEAN's digital economy is expected to more than double to \$560 billion. But obstacles in the region remain, such as funding for small businesses.

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

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



Global energy storage

To support the global transition to clean electricity, funding for the development of energy storage projects is required. Pumped hydro, batteries,

Global Risks Report 2025 , World Economic Forum

The Global Risks Report 2025 analyses global risks to support decision-makers in balancing current crises and longer-term priorities.



[In charts: 7 global shifts defining 2025 so far . World Economic Forum](#)



[Global Cybersecurity Outlook 2026 , World Economic Forum](#)

The Global Cybersecurity Outlook 2026, written in collaboration with Accenture, examines the cybersecurity trends that will affect economies and societies in the year to come. It explores how



[Global Risks Report 2026: Geopolitical and Economic Risks Rise in](#)

Geoeconomic confrontation, interstate conflict and extreme weather emerge as top risks for the year, says World Economic Forum Global Risks Report 2026.



2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.



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, the sector



[Top 10 Global Energy Storage Companies by Market Capitalisation](#)

LG Energy Solution ranks fourth with a market cap of 61.5 billion USD, maintaining a strong presence in the storage markets of Europe and North America. Meanwhile, China's Sungrow Power Supply (37.4

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