



# Ranking of new energy storage project scale

What are the world's biggest battery storage projects of 2025?

We read every comment and do our best to respond to them all. Save my name and email in this browser for the next time I comment. Discover the world's biggest battery storage projects of 2025, including BYD's 12.5 GWh system in Saudi Arabia, Greenergy's 11 GWh Atacama project, and more shaping the global energy transition.

Is China entering a new era of energy storage demand?

Mainland China accounts for most of the global energy storage demand, driven in the near term by regional requirements for new utility-scale wind and solar projects to include energy storage capacity. However, the Chinese market is entering an era of change.

What are the key trends in energy storage cell shipments?

CATL and Hithium ranked as the top two in global energy storage cell shipments. Key market themes include (1) full capacity and full sales; (2) tiered differentiation; (3) emerging players; and (4) capacity buildup. \*InfoLink strives for information comprehensiveness, but manufacturers' official data shall prevail in case of any discrepancies.

What drives energy storage project development?

Globally, energy storage project development is increasingly driven by the utility-scale segment, with mandates and targeted auctions driving gigawatt-hour projects in markets like China, Saudi Arabia, South Africa, Australia and Chile.

Are innovative storage technologies the future of energy?

With demand for clean, reliable and efficient energy continuing to climb, companies pioneering innovative storage technologies have a spotlight shone on them to ensure the future and success of the energy landscape.

Should energy storage be removed from energy grid connection?

For energy storage, the new Chinese policy emphasized the need to remove energy storage as a prerequisite for renewable energy project grid connection, a requirement that has been a major driver for battery build. Nonetheless, BNEF still expects strong demand for batteries, as the policy doesn't explicitly require mandates to stop.

In 1H25, the energy storage cell market outperformed conservative expectations, showing an optimistic trend. At present, China has completed its shift to new growth drivers, ...

According to official information, as of May this year, the proportion of new energy installed capacity in Xinjiang, Inner Mongolia, and Qinghai exceeded half of total local ...



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The cumulative installed capacity of new energy storage projects is 21.1GW/44.6GWh, and the power and energy scale have increased by more than 225% year-on-year. Figure 1: ...

InfoLink Consulting has released its 1H25 global energy storage system (ESS) shipment rankings, based on its energy storage supply chain database. In 1H25, global ESS ...

If the energy storage industry were a Hollywood blockbuster, 2025 would be the year of explosive plot twists. With renewables now supplying over 35% of global electricity, the ...

There are seven utility-scale energy storage system integrator companies that currently lead a global market poised for significant expansion, with Fluence and Tesla currently competing for the top spot, ...

With renewables now supplying over 35% of global electricity, the demand for reliable energy storage systems (ESS) has turned battery makers into rockstars. But how do ...

This battery storage update includes summary data and visualizations on the capacity of large-scale battery storage systems by region and ownership type, battery storage co-located systems, applications served by battery ...

S& P Global has released its latest Battery Energy Storage System (BESS) Integrator Rankings report, using data for installed and contracted projects as of 31 July, 2024, showing the top five globally ...

Discover the world's biggest battery storage projects of 2025, including BYD's 12.5 GWh system in Saudi Arabia, Greenergy's 11 GWh Atacama project, and more shaping the global energy transition.

BloombergNEF is recognized by numerous international financial institutions as among the most credible third-party renewable energy research hubs. Sungrow's No.1 bankability ranking represents that ...

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 ...

Think of energy storage as the &quot;Swiss Army knife&quot; of modern power grids - it slices through renewable energy's intermittency, screws in grid stability, and even uncorks new revenue ...

EPC contractor and equity investor Aecon plans to begin construction on the Oneida Battery Storage project this year, following Canada's adoption in March of new clean energy ...

Introduction The Battery Energy Storage System (BESS) industry has experienced remarkable growth in recent years, driven by the global shift toward renewable energy and the increasing ...



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The world shipped 196.7 GWh of energy-storage cells in 2023, with utility-scale and C& I energy storage projects accounting for 168.5 GWh and 28.1 GWh, respectively, according to the ...

According to the alliance, China's energy storage sector has seen unprecedented growth, with the operational capacity of new energy storage systems surging to 34.5 gigawatts, marking an ...

Figure 2: Cumulative installed capacity of new energy storage projects commissioned in China (as of the end of June 2023) In the first half of 2023, China's new energy storage continued to develop at a ...

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In terms of application scenarios, independent energy storage and shared energy storage installations account for 45.3 percent, energy storage installations paired with new ...

The Department of Energy's (DOE) Office of Electricity (OE) is pioneering innovations to advance a 21st century electric grid. A key component of that is the development, deployment, and utilization of bi ...

As of 2025, the global energy storage market is projected to hit 240 GWh in annual installations, with China alone contributing 42.5% of that capacity [10]. But who's actually winning this high ...

Image: Wood Mackenzie According to the Q1 2025 US Energy Storage Monitor from Wood Mackenzie Power & Renewables and the American Clean Power Association (ACP), the US energy storage market ...

Just as planned in the Guiding Opinions on Promoting Energy Storage Technology and Industry Development, energy storage has now stepped out of the stage of ...

In this week's Top 10, Energy Digital takes a deep dive into energy storage and profile the world's leading companies in this space who are leading the charge towards a more sustainable energy future.

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 continues to ...

China market: Pumped Hydro Storage share falls below 50% for the first time. Non-hydro Storage accumulative installations surpass 50GW for the first time. According to CNESA DataLink's Global Energy ...

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China's industrial and commercial energy storage is poised for robust growth after showing great market potential in 2023, yet critical challenges remain.

The case for long-duration energy storage remains unclear despite a flurry of new project announcements across the US and China. Global energy storage's record ...

The case for long-duration energy storage remains unclear despite a flurry of new project announcements across the US and China. Global energy storage's record additions in 2023 will be followed by a 27% ...

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