



1 3 billion investment in large-scale energy storage projects

What happened to energy storage projects in Q2?

Despite the stronger-than-average investment in energy storage projects in Q2, generation projects have had their slowest first half of the year since the Clean Energy Council began tracking project data in 2017.

How much did a battery energy storage project cost in 2023?

Six utility-scale battery energy storage projects (BESS) reached financial close in the first quarter of 2023 to the tune of \$2.4 billion (USD 1.5 billion) signalling a strong start out of the gate for the technology and its second-best investment quarter on record, adding 1.5 GW of storage capacity and 5 GWh of energy output.

Which emerging economies deploy the most storage capacity in 2023?

For BESS deployment, emerging economies are far behind China, the United States, and the European Union, which collectively deployed nearly 90% of the capacity added in 2023 (IEA 2024a). The lack of data on storage deployment in emerging economies further complicates the analysis.

How many generation & storage projects have reached financial close in Q2 2023?

Chart 3. Financially committed generation projects and investment, quarterly. A total of four generation and four storage projects reached financial close across Australia in Q2 2023. Western Australia led the way with the most projects to reach financial commitment in Q2 with four, reaching a total of 552 MW and \$1.5 billion worth of investment.

OCED issued a Notice of Intent (NOI) to fund up to \$1.3 billion to catalyze investments in transformative carbon capture, utilization, and storage (CCUS) technologies.

The U.S. Department of Energy (DOE) Office of Clean Energy Demonstrations (OCED) today opened applications for up to \$1.3 billion in funding to catalyze investments in transformative ...

Lessons Learned from Emerging Economies The Supercharging Battery Storage Initiative would like to thank all authors and organizations for their submissions to support this ...

Since IRA, companies have announced 350+ major projects that will invest \$130 billion, hire 113,500 new workers WASHINGTON - Companies in October announced more than \$1.2 billion ...

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This report considers the use of large-scale electricity storage when power is supplied predominantly by wind and solar. It draws on studies from around the world but is focussed on the ...

Storage leads renewable energy investment in Q2 Large-scale energy storage projects led renewable energy investment in the second quarter of 2023 (ending 30 June), with 1497 MW ...



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To the tune of \$2.4 billion, six utility-scale battery storage projects reached financial close in the first quarter of 2025 kickstarting the year with 1.5 GW of storage capacity and 5 GWh of ...

What is carbon capture, utilisation and storage (CCUS)? CCUS involves the capture of CO₂, generally from large point sources like power generation or industrial facilities that use either ...

The second barrier tests the overall strength and financial capacity of companies. Overseas large-scale energy storage projects often involve amounts exceeding RMB 10 billion (USD ...

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