

# Energy storage power stations under construction in 2025



## Overview

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In 2025, capacity growth from battery storage could set a record as we expect 18. We expect 63 gigawatts (GW) of new utility-scale electric-generating capacity to be added to the U. This amount represents an almost 30% increase from 2024 when 48. 6 GW of capacity was installed, the largest. 468,582 MW of new generation capacity is under development in the United States, which is comparable to the total capacity under development for the last two years. Around 10,000 MW have moved. WASHINGTON, D.

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### [US battery storage boom extends into 2025: nearly 19 GW under](#)



Most big battery stations online and under construction are lithium-ion systems designed to discharge up to four hours of energy storage. They are frequently installed together with solar ...

### [Solar and batteries dominate US power plant construction in 2025](#)

Solar and batteries will dominate US power plant construction in 2025. Explore the trends shaping our energy future today!



### [Solar, battery storage to lead new U.S. generating capacity additions](#)

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 growth in 2024 ...



### [US energy storage installations through Q3 2025 surpass 2024 totals](#)

Wood Mackenzie projects Q4 2025 will set a record for the residential sector as customers accelerate installations ahead of the Section 25D tax credit expiration. The Community, ...



### [America's Electricity Generation Capacity, 2025 Update](#)

Table 1.5 shows the 46,499 MW of generation capacity under preparation, testing, and construction that are scheduled to come online in 2025. Additionally, 15,306 MW of energy storage are scheduled to ...

### [U.S. grid-scale storage leaps 63%, residential storage 132%](#)

The United States had a record quarter for battery energy storage deployment in Q2 2025, adding 5.6 GW of installations, said a report released by the American Clean Power ...



### [U.S. Grid Energy Storage Factsheet](#)

Of the 1,643 operational energy storage projects worldwide, 49% are located in the U.S., with another 131 projects under construction. 10 California leads U.S. capacity with 15.5 GW, followed by Texas. 8

### [Top 7 Battery Energy Storage System \(BESS\) Projects in the USA 2025](#)

Discover the largest battery storage projects in the U.S. for 2025, including Darden, Bellefield, and Swiftsure.



### [REPORT: US Energy Storage Installations Through Q3 2025 Surpass...](#)

Overall Q3 installations increased 31% year-over-year, though the market declined 6% compared to Q2 2025's record highs. The utility-scale storage segment drove growth with 4.6 GW ...

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