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Expected increase in new energy storage capacity



Overview

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The US energy storage market just posted its strongest Q1 ever, adding more than 2 gigawatts (GW) of capacity across all segments, according to the latest US Energy Storage Monitor from Wood Mackenzie and the American Clean Power Association (ACP). That makes Q1 2025 the biggest first quarter for.

The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW.

Batteries have quickly become a crucial part of the U.S. electricity grid — and a whole lot more are about to come online. Over the next five years, the country will build nearly 67 gigawatts' worth of new utility-scale batteries, per data from research firm BloombergNEF, enough to send almost 284.

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