

## SolarTech Power Solutions

# Energy storage slows down electricity capacity expansion



## Overview

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With increasing reliance on variable renewable energy resources, energy storage will likely play a critical accompanying role to help balance generation and consumption patterns. As grid planners, non-profits, non-governmental organizations, policy makers, regulators, and other key stakeholders.

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-year in 2024 and are expected to go beyond the terawatt-hour mark before 2030. Continued.

The expansion of energy storage in the United States experienced a slowdown in the first quarter of 2023, despite an increase in the pipeline of future projects. According to an S&P Global Market Intelligence report, capacity additions for battery storage fell by 55% compared to the previous year.

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.

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