

## ContainerPower Energy Solutions

# Large-scale energy storage projects boom



## Overview

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US developers of large-scale battery storage stations have 18.7 GW of new capacity under construction, according to S&P Global Commodity Insights Market Intelligence data, indicating another strong year for the grid's electrochemical shock absorbers. Capacity under construction has grown by a net.

The US battery storage market just had its biggest quarter ever. In Q2 2025, a record 5.6 gigawatts (GW) of new capacity came online, according to the latest US Energy Storage Monitor report from the American Clean Power Association (ACP) and Wood Mackenzie. Most of that Q2 growth came from.

Developers and power plant owners plan to add 62.8 gigawatts (GW) of new utility-scale electric-generating capacity in 2024, according to our latest Preliminary Monthly Electric Generator Inventory. This addition would be 55% more added capacity than the 40.4 GW added in 2023 (the most since 2003).

Global energy storage additions are on track to set another record in 2025 with the two largest markets – China and US – overcoming adverse policy shifts and tariff turmoil. Annual deployments are also set to scale in Germany, the UK, Australia, Canada, Saudi Arabia and Sub-Saharan Africa, driven.

The United States is rapidly installing grid-scale batteries that are helping to prevent power blackouts, known in German as Dunkelflaute, according to The Guardian. From barely any just a few years ago, the US has now installed 20 GW of grid-scale battery storage for its electric grid — equivalent.

The expansion of Moss Landing Energy Storage Facility in California (pictured), already the world's biggest BESS project, to more than 3GWh was one of the highlights of the first half of this year for the US energy storage industry. Image: Vistra Energy. The US saw roughly triple the amount of.

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