

## ContainerPower Energy Solutions

# Battery cabinet procurement in the United States



## Overview

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What is included in the battery storage update?

This battery storage update includes summary data and visualizations on the capacity of large-scale battery storage systems by region and ownership type, battery storage co-located systems, applications served by battery storage, battery storage installation costs, and small-scale battery storage trends.

What are energy storage procurement contracts?

Energy storage procurement contracts must also take into account the ever-evolving suite of laws and regulations applicable to energy storage projects, including as a result of the recent change in administration in the United States.

What are the different types of battery procurement agreements?

There are primarily three types of agreements relevant to battery procurements: (1) purchase agreements, (2) master supply agreements (MSAs), and (3) capacity reservation agreements (CRAs).

What happens if a battery procurement is delayed?

Delays in the procurement of batteries could lead to failures to comply with regulatory mandates, or, for utilities opting to install storage as non-wires alternatives in place of other system upgrades, the failure to implement necessary system improvements.

Will a new tax policy affect the lithium-ion battery market?

Another year of growth in the utility-scale storage market also marked a second consecutive year of record lows in the installed cost of lithium-ion batteries. However, trade actions and changes to tax policy have the potential to increase costs and dampen short-term growth.

How much does a lithium-ion battery cost?

Lithium-Ion Battery Pack Prices See Largest Drop Since 2017, Falling to \$115 per Kilowatt-Hour, BloombergNEF (Dec. 10, 2024) Id. Id. U.S. Storage Energy Monitor, Wood Mackenzie Power & Renewables/American Clean Power Association, at 3 (Dec. 2022).

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