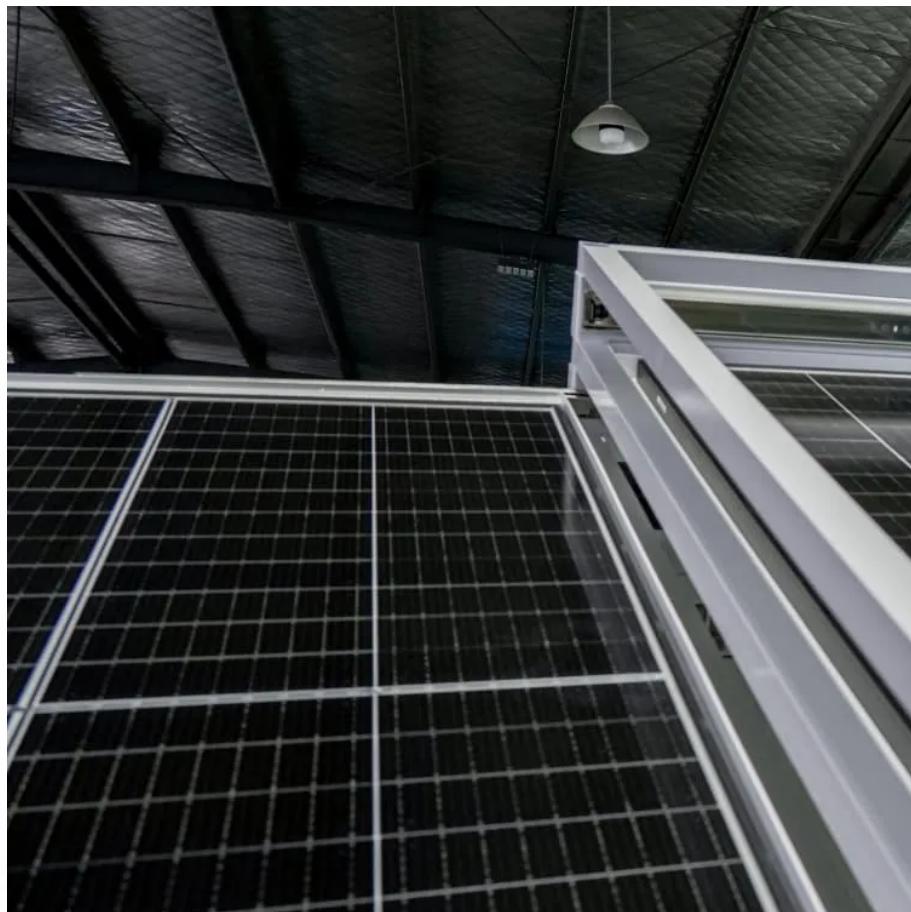


## A-Core Container

# Merchant Energy Storage Prices



## Overview

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How risky is a merchant storage project?

Merchant storage projects are complex, but the risks can be measured and managed with appropriate planning and analysis. Merchant markets are evolving quickly all over the world, many being intentionally designed to incorporate more energy storage.

Will merchant storage investment opportunities become more attractive in the future?

asingly critical role in the future. Thus far, most storage developments have been utility-owned or backed by long-term contracts, but merchant storage investment opportunities may become more attractive as the markets evolve and investors become comfortable w th the value stacking opportunities.In 2019, CRA published an Insights<sup>1</sup> on.

Is merchant storage difficult?

Merchant storage is complicated, but not impossible As the storage market evolves, we see projects with an increasing proportion of their revenue expected to come from the merchant market rather than firm contracts. Just a few years ago it was the opposite.

How much does energy storage cost?

Let's analyze the numbers, the factors influencing them, and why now is the best time to invest in energy storage. \$280 - \$580 per kWh (installed cost), though of course this will vary from region to region depending on economic levels. For large containerized systems (e.g., 100 kWh or more), the cost can drop to \$180 - \$300 per kWh.

Should paired merchant storage projects be compared to standalone storage?

The tradeoffs should be quantified when considering renewable paired merchant storage projects versus standalone storage. Batteries that are DC

connected to solar charging facilities may have discharging limitations during periods of time when the solar is producing due to constraints of the shared inverter.

What does 'new energy storage' mean for China?

Trade body China Energy Storage Alliance (CNESA) said last week (15 January) that 'new energy storage' capacity reached 78.3GW/184.2GWh by the end of 2024, a term it appears to use to describe technologies other than pumped hydro energy storage.

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