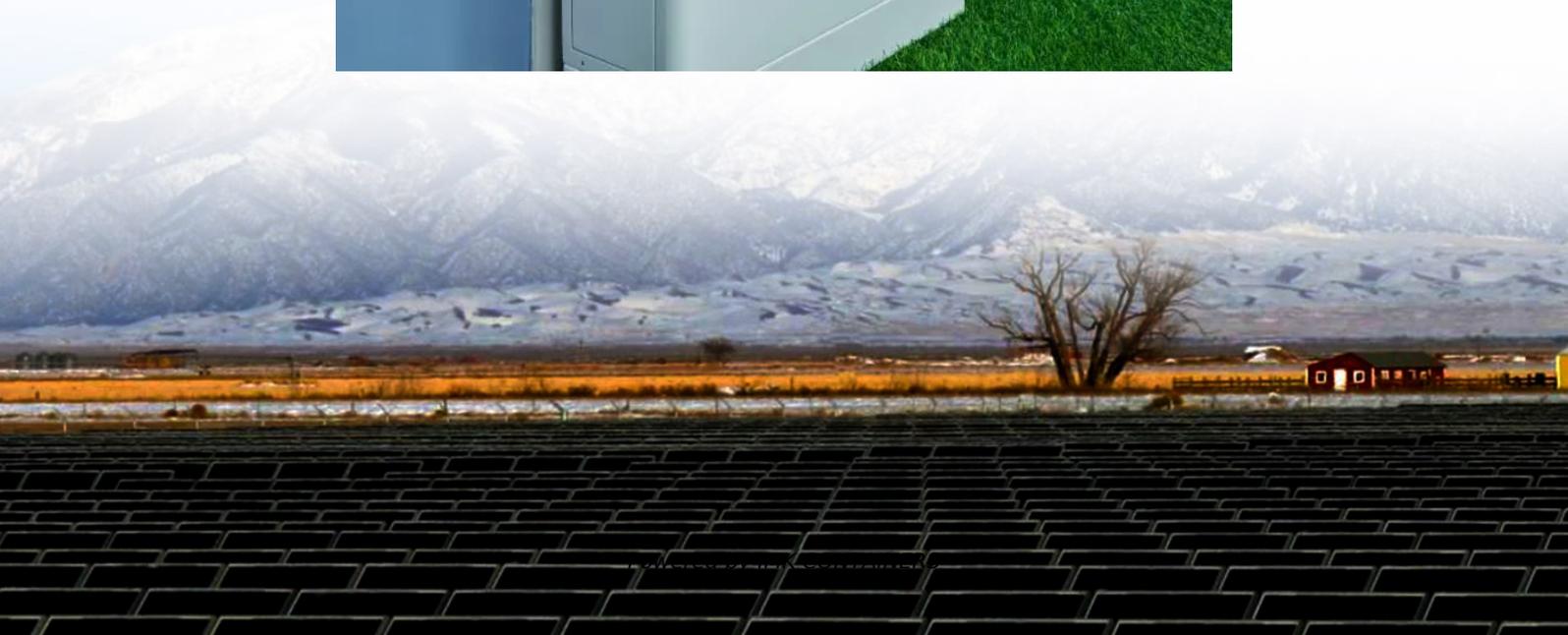


# Mobile energy storage costs in 2025





## Overview

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Will energy storage capacity triple by 2030?

According to the report, released on Friday, total electricity storage capacity is to triple by 2030, growing from an estimated 4.67 TWh now to 11.89 TWh-15.72 TWh, if countries double the share of renewables in the global energy system.

Why do storage costs persist through 2050?

The lower costs persist through 2050 because of that lower starting point. Table 2. Values from Figure 3 and Figure 4, which show the normalized and absolute storage costs over time. Storage costs are overnight capital costs for a complete 4-hour battery system. Figure 9.

Does battery storage cost reduce over time?

The projections are developed from an analysis of recent publications that include utility-scale storage costs. The suite of publications demonstrates wide variation in projected cost reductions for battery storage over time.

Are battery storage costs based on long-term planning models?

Battery storage costs have evolved rapidly over the past several years, necessitating an update to storage cost projections used in long-term planning models and other activities. This work documents the development of these projections, which are based on recent publications of storage costs.



## Mobile energy storage costs in 2025

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