



MODERNIZATION SOLAR

New Energy Storage Large-Scale Trading





Overview

Will Tesla build a grid-scale battery energy storage station in China?

Tesla has officially signed a ¥4 billion (C\$764/US\$557 million) deal to build its first grid-scale battery energy storage station in China, leveraging its Megapack technology.

How are energy storage assets trading?

Trading strategies are becoming increasingly sophisticated with a strong reliance on technology and big data analytics. In the UK — the most advanced battery market in Europe — there are currently 23 entities trading energy storage assets. Trading results are publicly visible on leaderboards, allowing asset owners to benchmark performance.

How big is China's new energy storage fleet?

As of June 2025, China's new energy storage fleet had surpassed 100 GW, overtaking the pumped hydro additions for the first time, according to data from the China Energy Storage Alliance (CNESA). The new action plan, grounded in the nation's dual carbon goals, aims to grow the national new energy storage fleet to 180 GW by 2027.

Why is China moving to a new type of energy storage?

The move is part of China's broader push toward a green, low-carbon energy transition as well as high-quality economic and social development. It builds on significant growth in the sector. As of the end of 2024, the country's installed capacity of new-type energy storage had reached 73.76 million kilowatts, according to official data.



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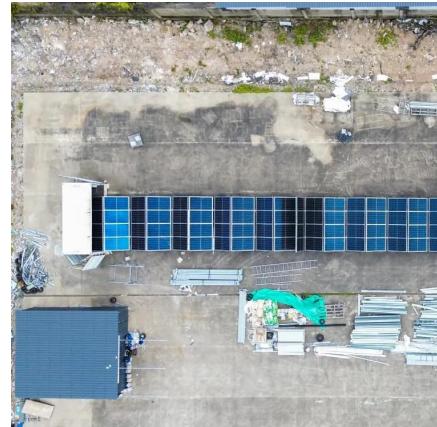
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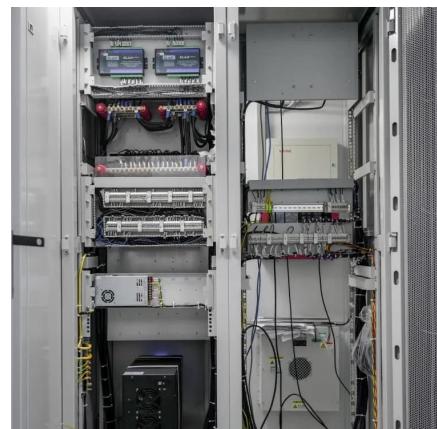


China, leveraging its Megapack technology.



China unveils three-year action plan to boost new-type energy storage

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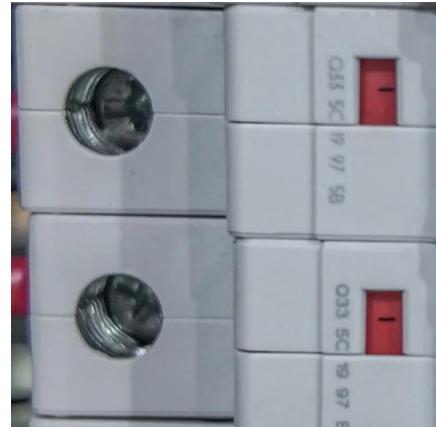
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