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# **Distributed and energy storage growth is expected**





## Overview

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Will China's energy storage sector continue to grow?

China's energy storage sector has experienced rapid growth over the past two years and is expected to maintain strong momentum going forward, as the country continues to expand its renewable energy capacity, said industry experts.

Can distributed energy storage improve energy security?

According to the China Electric Power Planning and Engineering Institute, the growth of distributed energy storage is particularly noteworthy, as it allows consumers and businesses to store excess renewable energy generated on-site and use it when needed, further reducing reliance on the grid, and improve energy security.

What is the future of energy storage?

Global installed energy storage is on a steep upward trajectory. From just under 0.5 terawatts (TW) in 2024, total capacity is expected to rise ninefold to over 4 TW by 2040, driven by battery energy storage systems (BESS). Last year saw a record-breaking 200 gigawatt-hours (GWh) of new BESS projects coming online, a growth rate of 80%.

Is China entering a new era of energy storage demand?

Mainland China accounts for most of the global energy storage demand, driven in the near term by regional requirements for new utility-scale wind and solar projects to include energy storage capacity. However, the Chinese market is entering an era of change.



## Distributed and energy storage growth is expected

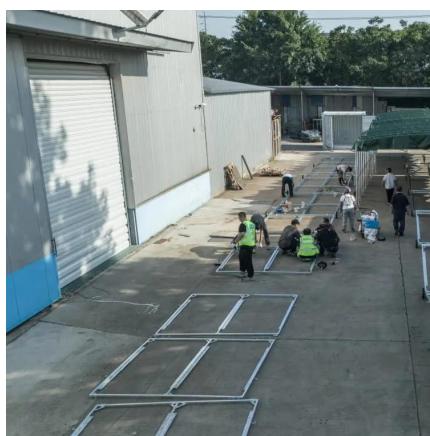
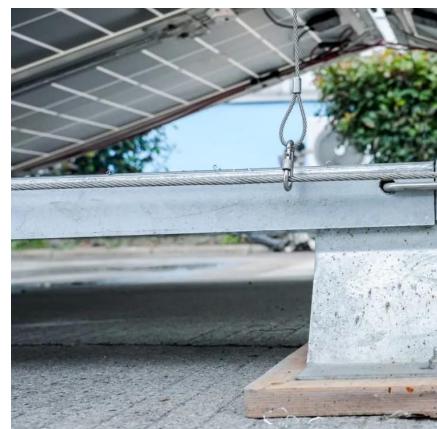


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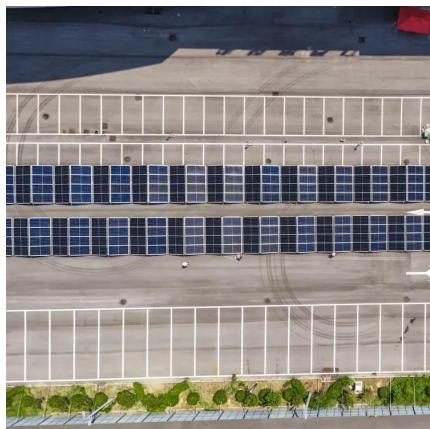
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