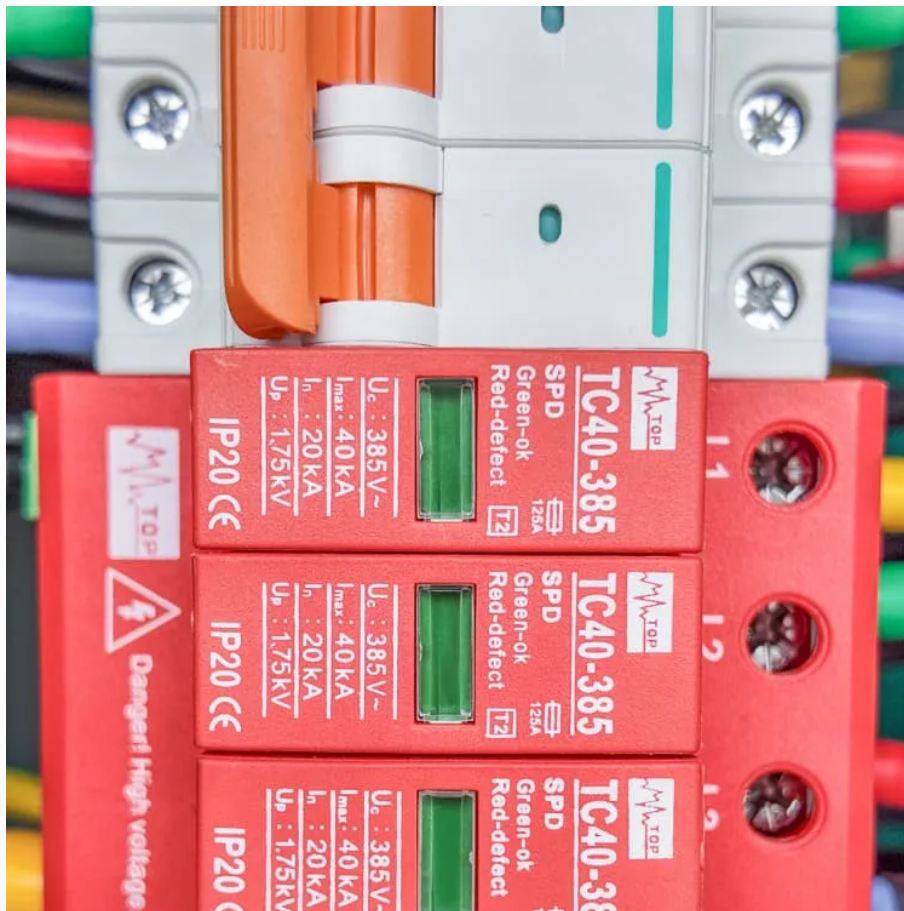


Proportion of new energy storage





Overview

In terms of application, equipping energy storage in renewable electricity generation projects is the main application field for new type energy storage, with a cumulative installed capacity ratio accounting for more than 90% (49% in generation-side storage, 43% in grid-side storage). What is the future of energy storage in China?

The new energy storage market in China has great development potential in the future. The cumulative installed capacity of new energy storage in China is expected to exceed 100 gigawatts (GW) by 2025, according to the Energy Storage Industry Research White Paper 2025 released by the Institute of Engineering Thermophysics on 10 April.

Why is China's energy storage capacity expanding?

BEIJING, July 31 -- China's energy storage capacity is expanding to facilitate the utilization of growing renewable power amid the country's efforts to advance its green energy transition.

How big is China's energy storage capacity?

The most notable finding: by the end of 2024, China had reached 73.76 GW / 168 GWh in cumulative new energy storage capacity—an increase of more than 130% year-on-year. This figure accounts for over 40% of the global total, consolidating China's leading position in the international NES market.

How will the NEA improve China's energy storage capacity?

The NEA said it will actively strengthen planning, improve standard systems and refine the market mechanism to promote the high-quality development of new-type energy storage. China's energy storage capacity is expanding to facilitate the utilization of growing renewable power amid the country's efforts to advance its green energy transition.



Proportion of new energy storage

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