



GermanSolarZA

China Southern Power Grid Small Energy Storage Project





Overview

How much energy storage does China have in 2023?

By the end of 2023, China had completed and put into operation a cumulative installed capacity of new type energy storage projects reaching 31.4GW / 66.9GWh, with an average storage duration of 2.1 hours. The newly added installed capacity in 2023 was approximately 22.6GW / 48.7GWh, which is three times that for 2022 (7.3GW / 15.9GWh).

What is the scope of energy storage in the PRC?

“[国办发〔2023〕1号](https://www.gov.cn/jrzq/2023-01-03/5936551.htm),” People’s Government of the PRC, 3 Jan 2023, at <https://www.gov.cn/jrzq/2023-01-03/5936551.htm>. The scope includes two categories: dispatch-controlled new type energy storage and self-used new type energy storage by power stations.

What is the Sino-German Energy Transition Project (entrans)?

This factsheet is published as part of the Sino-German Energy Transition Project (EnTrans). EnTrans is a component of the Sino-German Energy Partnership and provides advice to the Chinese government and associated energy policy think tanks.

What is the 14th five-year plan for energy storage?

The “14th Five-Year Plan” has specified development goals for energy storage also on the provincial level. During the “14th FYP” period, 25 provinces and cities plan to complete 77.65 GW new type storage installation. That scale is more than twice the “14th FYP” target (30 GW) set by the NEA.



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"China's advances in new-type energy storage are moving from isolated breakthroughs to a more systematic framework," said Rao Hong, chief scientist at China ...

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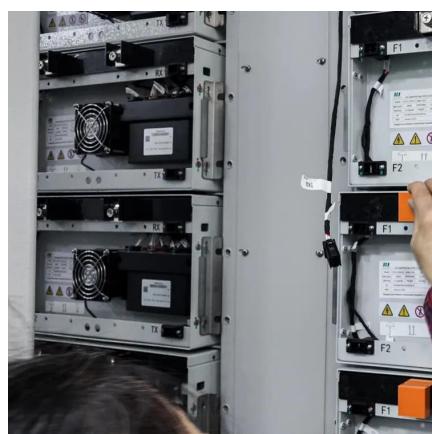
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