

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?

“ 国家能源局关于2023年能源领域重大工程开工仪式上的讲话,” People’s Government of the PRC, 3 Jan 2023, at https://www.gov.cn/xinhua/2023-01/03/content_6848888.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 leads the world in new-type energy storage capacity](#)

"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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This project, which is invested in, constructed, and operated by Southern Power Grid Peak Shaving Frequency Modulation (Guangdong) Energy Storage Technology Co., Ltd., has a ...

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?World-first?Kortrong Energy Storage joins hands with China Southern

Constructed by China Southern Power Grid Peak Regulation and Frequency Regulation (Guangdong) Energy Storage Technology Company, with a construction scale of ...

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China Southern Power Grid Energy Storage Projects Understand the energy storage landscape for China Southern Power Grid Co Ltd, drawing on intelligence spanning electrochemical, ...



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A new energy storage plant featuring sodium- and lithium-ion batteries has opened in China's Yunnan province. The energy storage station, operated by China Southern Power ...

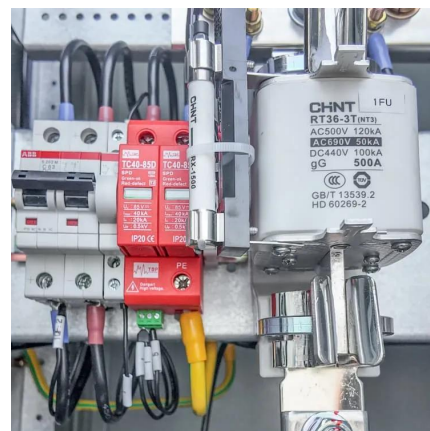
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The GIZ leads the project implementation in cooperation with the German Energy Agency(dena) and Agora Energiewende collaborate with the China Electric Power Planning ...

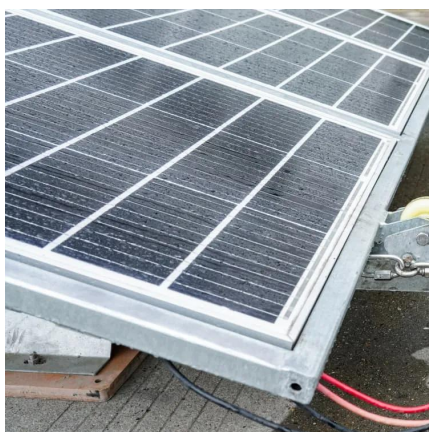
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Data Protection Policy The Baochi Storage Station in Yunnan integrates lithium and sodium-ion technologies at scale, a global first, aiming to stabilize renewable energy and cut costs as ...

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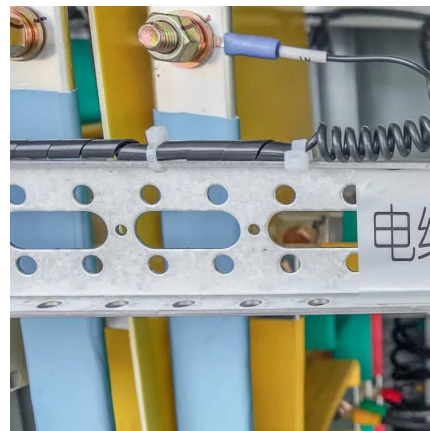
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