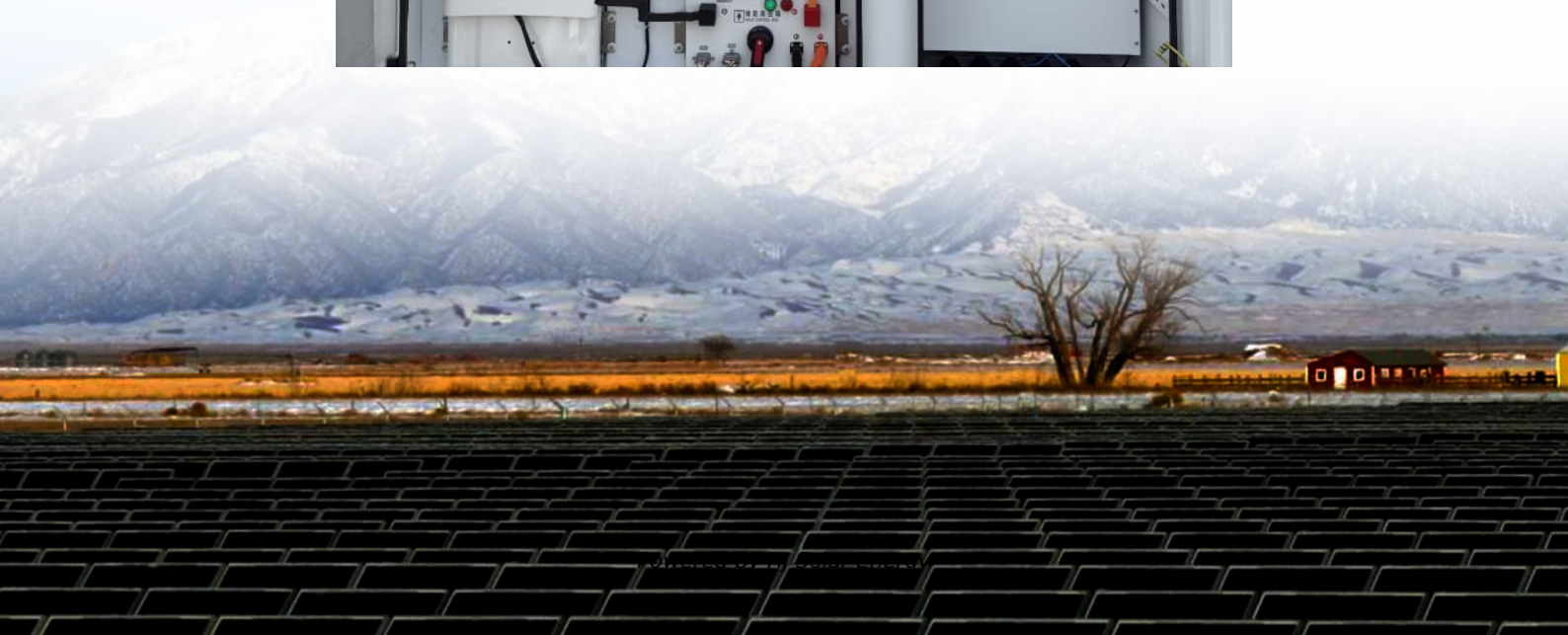


# China s major energy storage projects





## Overview

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China aims to install more than 100 GW of new energy storage – primarily battery storage, excluding pumped hydro – by 2027, according to a new action plan presented by authorities on Friday.

China aims to install more than 100 GW of new energy storage – primarily battery storage, excluding pumped hydro – by 2027, according to a new action plan presented by authorities on Friday.

China, which already boasts the world's largest energy-storage capacity, is set to nearly double that level by 2027, with an anticipated investment of 250 billion yuan (US\$35 billion), according to Beijing's latest action plan. As outlined in the action plan, China's "new-energy storage system".

BEIJING, Jan. 24 -- China's new energy storage sector has seen a rapid growth in 2024, with installed capacity surpassing 70 million kilowatts, said an official with the National Energy Administration (NEA). Bian Guangqi, deputy director of the NEA's energy saving and technology equipment.

On a mountain pass in Jiawa village, Qusum county, Shannan, southwest China's Xizang autonomous region, rows of energy storage units hum quietly beside a solar-storage power station. "These facilities are designed to work with photovoltaic power generation. The electricity produced during the day.

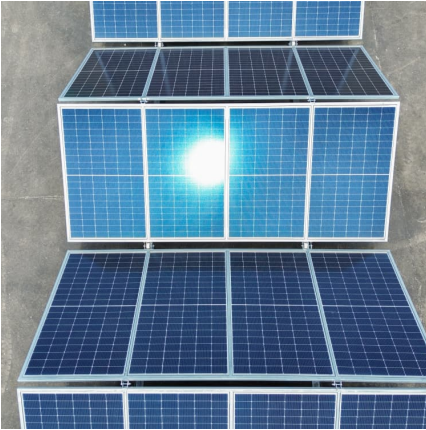
Announced by the National Development and Reform Commission (NDRC) and the National Energy Administration (NEA), the new plan is expected to drive CNY 250 billion (\$35.1 billion) in sector investment. From ESS News China aims to install more than 100 GW of new energy storage – primarily battery.

China's power storage capacity is on the cusp of growth, fueled by rapid advances in the renewable energy industry, innovative technologies and ambitious government policies aimed at driving sustainable development, experts said. The nation's energy storage capacity further expanded in the first.



## China s major energy storage projects

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### [Biggest projects in the energy storage industry in 2024](#)

Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.

### Trina Solar's Kiewa Valley Battery Energy Storage System ...

7 ????. A second major renewable energy development in Victoria's North East has been granted state government approval despite fierce local community opposition.



### China 'dominates' global hydropower development amid energy storage

China accounted for almost all of Asia's new hydropower capacity in 2024 as it bets on pumped storage to cope with a changing climate.

### [China scraps energy storage mandate for renewable ...](#)

In a major policy shift towards electricity market liberalization, China has introduced contract for difference (CfD) auctions for renewable ...



### CPID 100 MW HV Cascade Grid-Connected Energy Storage ...

The project will be built as a model of 100 MW HV cascade grid-connected energy storage system, introducing a large-scale energy storage development scheme that can be replicated, ...



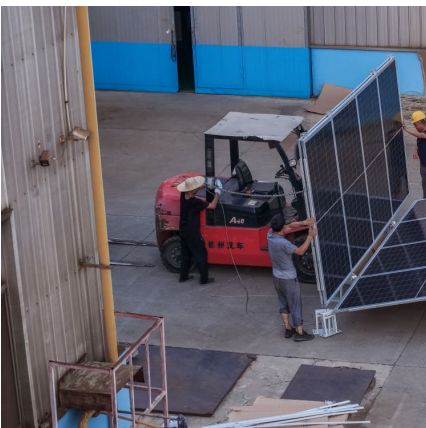
### Tesla agrees to build China's largest grid-scale battery power ...

Tesla has signed its first deal to build a grid-scale battery power plant in China. The U.S. company posted on the Chinese social media service Weibo that the project would ...



### [China targets 180GW of installed BESS capacity by 2027](#)

10 ?????· China has published plan to promote large-scale energy storage facilities, encouraging investment and electricity market participation.





### [2025 Major Energy Storage Projects in China: Key Trends](#)

Ever wondered how China plans to power its green revolution? Look no further than its 2025 energy storage projects, where policy tailwinds, tech breakthroughs, and gigawatt ...



### **Next step in China's energy transition: energy storage deployment**

In China, generation-side and grid-side energy storage dominate, making up 97% of newly deployed energy storage capacity in 2023. 2023 was a breakthrough year for ...

### [China to supercharge energy-storage tech with world ...](#)

2 ???· New plan calls for expansion of energy-storage applications, including more projects in desert areas and at retired coal-fired power plant sites.



### [Saudi Arabia Emerges as Global Energy Storage ...](#)

4 ???· Projections indicate that Saudi Arabia aims to operate 8 GWh of energy storage projects by 2025 and 22 GWh by 2026, positioning the nation ...



### [World's largest sodium-ion battery goes into operation](#)

The first phase of Datang Group's 100 MW/200 MWh sodium-ion energy storage project in Qianjiang, Hubei Province, was connected to the grid.



### [China's innovative 1.2 GWh compressed air energy ...](#)

A state-backed consortium is constructing China's first large-scale compressed air energy storage (CAES) project using a fully artificial ...

### **2.1GWh! Two Companies Sign Major Energy Storage Deals, ...**

The collaborations span commercial and industrial (C& I) energy storage sectors. China's First Hybrid Grid-Forming Energy Storage Project Goes Live On March 6, the ...





### [How China became the world's leading market for ...](#)

The majority of China's storage capacity comes from large-scale storage projects, such as hydropower with reservoirs on the Yangtze River and ...

### **China National Energy Administration Released Official Report**

The China New Energy Storage Development Report 2025 represents a major milestone in the institutionalization of NES planning and governance in China. By quantifying ...



### **China's Booming Energy Storage: A Policy-Driven and Highly ...**

In June 2023, China achieved a significant milestone in its transition to clean energy. For the first time, its total installed non-fossil fuel energy power generation capacity ...

### **Next step in China's energy transition: energy storage ...**

In China, generation-side and grid-side energy storage dominate, making up 97% of newly deployed energy storage capacity in 2023. ...



### [New Energy Storage Technologies Empower Energy ...](#)

Foreword Stepping up efforts to develop new energy storage technologies is critical in driving renewable energy adoption, achieving China's 30/60 carbon goals, and establishing a new ...



### [China's Booming Energy Storage: A Policy-Driven and ...](#)

In June 2023, China achieved a significant milestone in its transition to clean energy. For the first time, its total installed non-fossil fuel ...



### [New progress in 4 major energy storage projects](#)

Recently, the progress of 4 energy storage capacity and production projects has been updated. Sunwanda On the morning of October 18, the signing cer





### China Accelerates Green Energy Push With Major Projects, ...

Industry analysts say the commissioning reflects China's broader pivot in energy investment "toward green and new," with a wave of renewable, grid, and storage projects ...



### Jiangxi: 600MW/1.2GWh! Two Major Energy Storage Projects ...

As of the end of 2024, Jinko Power Technology held independent energy storage power stations with a total scale of 298MWh, with an annual addition of 55MWh of grid ...

### China's new energy storage capacity exceeds 70 million KW

Geographically, the top five provincial-level regions in China for cumulative installed capacity of new energy storage are Inner Mongolia, Xinjiang, Shandong, Jiangsu, and ...



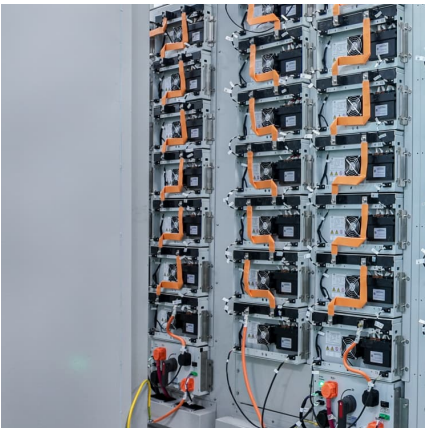
[The development of new energy storage is accelerating.](#)

Looking forward to 2024, China's energy storage industry will continue to develop rapidly under the continuous promotion of the "14th Five-Year Plan" energy storage ...



### [Industry News -- China Energy Storage Alliance](#)

Aug 28, 2025 China Accelerates Green Energy Push With Major Projects, Spotlight on Energy Storage Aug 28, 2025 Lithuania Expands Energy Storage Plans to 1.7 GW/4 GWh Aug 27, 2025



### [Tesla to build China's largest grid-scale battery ...](#)

Tesla has signed a \$556 million deal to build China's largest grid-scale battery storage facility in Shanghai, marking its first utility-scale ...

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