



6 million kw energy storage

How many kW of solar power will be installed at the base?

The clean energy projects at the base are planned to have an installed capacity of 6 million kW, which includes 4.5 million kW of wind power and 1.5 million kW of solar power. Construction of the supporting energy storage facilities is also included.

How many GW of energy storage will be installed this year?

A total of 64 gigawatts (GW) of new capacity is anticipated this year, with 33.3 GW coming from solar and 18.3 GW from battery storage. If realized, this would mark the strongest year yet for energy storage installations in the country.

How big is China's energy storage capacity?

As of the first half of 2025, China's cumulative installed capacity of new energy storage reached 101.3 GW, surpassing 100 GW for the first time, which is 32 times that of the end of the "13th Five-Year Plan."

Is China's energy storage sector growing?

According to the report, China's energy storage sector has maintained a rapid growth momentum from 2023, with new energy storage capacity expanding from 8.7 million kilowatts in 2022 to 31.39 million kW last year. On the other hand, new energy storage plants in China are increasingly shifting toward centralized, large-scale installations, it said.

How much energy storage is being built in the Autonomous Region?

In 2024, the power group took the lead in launching the construction of 600 MW of new energy storage in the autonomous region. In 2025, the group continues to advance energy storage construction, starting a new batch of projects to enhance system regulation capacity.

How will energy storage change the world?

Energy storage will be more closely coupled with the construction of new power systems and achieve diversified applications in zero-carbon parks, green power direct connections, and other fields, expanding new business models. Third, the construction of capacity mechanisms will accelerate.



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