

Anmanyuan Energy Storage Project





Overview

What is the future of energy storage in China?

Image: Getty Images/iStockphoto 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 industrial and commercial energy storage in China. Projections show significant growth for the future.

Does China's energy storage capacity exceed pumped storage capacity?

China's installed capacity of new-type energy storage exceeded that of pumped storage for the first time at the end of 2024, according to the recent data release of China Energy Storage Alliance (CNESA).

What is the utilization rate of new energy storage in China?

According to Shu Yinbiao, an academician at the Chinese Academy of Engineering, the utilization rate of new energy storage in China is not high, with the average utilization rate indexes for grid-side, user-side, and mandatory allocation of new energy storage projects reaching 38 percent, 65 percent and 17 percent, respectively.

Why is energy storage important in China?

Developing energy storage is an important step in China's transition from fossil fuels to renewable energy, while mitigating the effect of new energy's randomness, volatility and intermittence on the grid and managing power supply and demand, he said.



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