



2023 energy storage grid connection

How big is the energy backlog in 2023?

The backlog of new power generation and energy storage seeking transmission connections across the U.S. grew again in 2023, with nearly 2,600 gigawatts (GW) of generation and storage capacity now actively seeking grid interconnection, according to new research from Lawrence Berkeley National Laboratory (Berkeley Lab).

How much energy storage capacity will the United States have in 2023?

It is anticipated that the United States will maintain a consistent increase in installed capacity quarter by quarter throughout 2023. According to EIA data, new energy storage installations in the United States reached 4.55 GW from January to October 2023.

What will China's energy storage capacity be in 2023?

In 2023, TrendForce anticipates China's energy storage installed capacity to reach 20 GW/44.2 GWh, marking a year-on-year growth of 177% and 186%, respectively. Although the actual installed capacity in 2023 falls slightly below the initially high expectations, the overall growth rate still exceeds 100%.

How has the energy storage industry changed in 2023?

In 2023, the energy storage industry shifted gears from prosperity to intense competition, giving rise to several focal points. Examining the global energy storage market, the installation base remained relatively low from 2021 to 2023. Consequently, as market demand soared, the global installed capacity experienced double growth.

Which countries will add more energy storage capacity in 2023?

France and Germany launched tenders successively. In 2023, Europe may add 17 GWh of installed energy storage capacity, with 9 GWh in the residential sector. Overall, China, the U.S., and Europe saw installed capacities growing at varying paces in the first half of 2023.

How much energy will China add in 2023?

In 2023, China will add 39 GWh of installed energy storage capacity. The U.S. may add 25.5 GWh, with utility-scale projects connecting to the grid in the second half, given enormous domestic demand and strong policy supports, despite installation progress taking up to a year or more time.



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