

# The total amount of energy storage equipment in the world

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1.0 International Energy Outlook 2021 Release date: October 2021 Table E19.cap. Electricity installed generating capacity: Other Non-OECD Americas, Reference case

As of 2023, the total installed energy storage capacity worldwide stands at approximately 250 gigawatts. This figure encompasses various technologies, but the majority ...

To facilitate the rapid uptake of new solar PV and wind, global energy storage capacity increases to 1 500 GW by 2030 in the NZE Scenario, which meets the Paris ...

Despite ongoing regulatory challenges, such as inadequate environmental protection, the total global grid storage battery capacity in 2023 reached 55.7 GW. This ...

This chart uses data from the Statistical Review of World Energy to show the top 10 countries with the most battery storage capacity in 2023.

By the end of 2023, 43 jurisdictions had in place policies for energy storage, including regulatory policies, targets, and fiscal and financial incentives. China more than tripled its investments in ...

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

The energy storage systems market size exceeded USD 668.7 billion in 2024 and is expected to grow at a CAGR of 21.7% from 2025 to 2034, driven by the rising demand for grid stabilization ...

Globally, annual energy storage deployment (excluding pumped hydropower plants) is set to hit another

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all-time high at 92 gigawatts (247 gigawatt-hours) in 2025 - 23% ...

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