Global Power Generation and Energy Storage

In 2025, some 80 gigawatts (gw) of new grid-scale energy storage will be added globally, an eight-fold increase from 2021. Grid-scale energy storage is on the rise thanks to ...

This initiative aims to overhaul the existing market structure, which currently favours fossil fuel generation, in favour of clean energy resources and flexible power generation, including ...

Ember"s sixth annual Global Electricity Review provides the first comprehensive overview of changes in global electricity generation in 2024, based on reported data. It ...

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

Discover how advanced energy storage technologies are reshaping global power systems by boosting reliability, grid stability, and renewable energy integration.

To support the global transition to clean electricity, funding for development of energy storage projects is required. Pumped hydro, batteries, hydrogen, and thermal storage ...

Despite policy changes and uncertainty in the world"s two largest markets, the US and China, the sector continues to grow as developers push forward with larger and larger ...

The 2025 World Hydropower Outlook, released today by the International Hydropower Association, reveals strong global momentum for hydropower development, led ...

In this report, our lawyers outline key developments and emerging trends that will shape the energy storage

market in 2025 and beyond.

Rystad Energy concludes that 2025 marks the beginning of a new era in global power generation. As fossil fuels enter structural decline and renewables rise, energy storage ...

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