

# Global New Energy Power Generation and Energy Storage



## Overview

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The rapid expansion of AI and new data centers is driving up global power demand. The shift is a potential boon for nuclear, geothermal, fuel cells, battery storage, and other innovative technology solutions set to provide reliable, low-carbon energy. Here, we unpack the latest data to show where the clean energy transition stands today - and where it may be headed next. 2% in 2024, outpacing the average annual growth rate of 1. These findings are informed by research and insights from. Global Energy Monitor (GEM) data from the 2026 release of the Global Wind and Solar Power trackers show that the combined global installed capacity of wind and solar has reached 3,222 gigawatts alternating current (GWac). Wind and solar accounted for more than 70% of all new electricity capacity. This article was written by Nelson Nsitem, Senior Associate, Energy Storage, and Yayoi Sekine, Head of Energy Storage, BloombergNEF. The global energy storage market is poised to hit new heights yet again in 2025.

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### [The global economy enters a new era , World Economic Forum](#)

The global economic system under which most countries have operated for the last 80 years is being reset, ushering the world into a new era. Existing rules are challenged while new ones

### [In charts: 7 global shifts defining 2025 so far , World Economic Forum](#)

2025 has been marked by significant global shifts, including increased geopolitical instability, the accelerating impact of AI and a changing labour market.



### **Global Risks Report 2026**

The Global Risks Report 2026, the 21st edition of this annual report, marks the second half of a turbulent decade. The report analyses global risks through three timeframes to support

### **Global Risks Report 2025 , World Economic Forum**

The Global Risks Report 2025 analyses global risks to support decision-makers in balancing current crises and longer-term priorities.



### [Beyond oil: 9 commodities impacted by the Strait of Hormuz crisis](#)



## Energy Storage Signals Shift to Renewable Grids

Wind and solar power have become the main drivers of the global clean energy transition. As their share in electricity systems grows, the need for system flexibility resources, such

War in the Middle East has caused significant damage to energy infrastructure and the near closure of the Hormuz Strait, driving oil prices up, but what about the region's other exports?



## Global Energy Trends: Clean Energy Growth and Rising Demand

We explore the data to see where the clean energy transition stands today, from rising investment and job growth to grid needs and critical mineral demand.

## How supply chains need to adapt to a shifting global landscape

Global supply chains face rising geopolitical fragmentation and economic divergence, driving four plausible outlooks, from multilateral cooperation to full degradation.



## Uncertainty is impacting the global economy. How is it measured

Uncertainty has become a defining characteristic of the global economy. But how exactly is a concept like uncertainty measured in economic data and analyses?

## [Global firms need to build geopolitical muscle. Here's how](#)

A new report, Building Geopolitical Muscle, examines how global firms are institutionalizing geopolitics as an organizational capability and embedding it in decision-making. The



## **Global Energy Storage Growth Upheld by New Markets**

The global energy storage market is poised to hit new heights yet again in 2025. Despite policy changes and uncertainty in the world's two largest markets, the US and China, the sector

## **The global price tag of war in the Middle East**

The Iran war's cascading economic fallout is radiating well beyond the Persian Gulf and the wider Middle East, reshaping markets and supply chains potentially for years to come.



## [ASEAN is turning global tensions into regional opportunities](#)

In a time of fragmentation, ASEAN stands out as a rare economic bright spot because it's leveraging global uncertainty into a strategic advantage.

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