

Global Energy Interconnection Forecast



Overview

We forecast the most likely global and regional energy transition trajectory based on DNV's independent model of the world's energy systems. Updated annually to reflect the latest energy data, technology and market trends, and government policies, it explores a range of possible energy futures and their implications. This year marks the tenth anniversary of McKinsey's Global Energy Perspective, offering a chance to reflect on the lessons learned over the past decade and to look ahead to the next one. Two overarching themes emerge from this year's outlook. First, cost competitiveness and an economically. The IEA's flagship World Energy Outlook, published every year, is the most authoritative global source of energy analysis and projections. It provides insight into the range of potential futures for energy at global, regional, and national levels, with projections varying. GEIDCO has carried out more than 100 researches, released more than 50 innovative results globally, and published more than 50 monographs and reports in Chinese and English, enhancing its influence among governments, enterprises, academia, and the public.



Article Content

Battery Energy Storage System Market Forecast 2026

Battery Energy Storage Market to hit USD 195.0 billion by 2036, driven by 9.1% CAGR, clean energy goals, grid resilience, and renewable energy

World Energy Outlook 2024 - Analysis

The IEA's flagship World Energy Outlook, published every year, is the most authoritative global source of energy analysis and projections. It identifies and

Global Energy Interconnection Development and Cooperation

Launched in March 2016 with its headquarters in Beijing, China, Global Energy Interconnection Development and Cooperation Organization (GEIDCO) is a non-profit international organization

Energy Storage Market Size, Share, Industry Report 2035

Energy Storage Market grow at a CAGR of 21.5% to reach USD 226.2 Billion by 2035, industry Analysis by Technology, Type, End-User, Size,

World Energy Outlook 2025 - Analysis

Updated annually to reflect the latest energy data, technology and market trends, and government policies, it explores a range of possible energy futures and their

AI Power Bottleneck: Data Centers Outpace the Grid

Global data center electricity demand could surpass 1,000 TWh by 2026 as AI workloads surge, with up to 50% of projects delayed by grid

Solar Photovoltaic (PV) Market | Global Market Analysis

Solar Photovoltaic (PV) Market Size and Share Forecast Outlook 2025 to 2035 The solar photovoltaic (PV) Market is estimated to be valued at

Renewable Energy Trends in 2026: Key Drivers, Growth Forecasts ...

Explore top renewable energy trends in 2026 — key drivers, forecasts, tech impact, and regional insights shaping the future of clean power worldwide.

Global BESS Market 2026 Deployment Trends

Explore the latest developments in the global grid-scale Battery Energy Storage Systems (BESS) market, including deployment trends, China's dominance,

Global Energy Interconnection Journal Press

Global Energy Interconnection established by Global Energy Interconnection Development and Cooperation Organization (GEIDCO), is professional and

Global Renewable Energy Integration Market Size, Industry Share ...

Renewable Energy Integration Market Dynamics 2026-2033 The Renewable Energy Integration Market is characterized by a complex interplay of technological advancements, policy

Data Center Market Size, Share & Forecast Report, 2034

The global data center market size is projected to grow from USD 300.64 billion in 2026 to USD 699.13 billion by 2034, at a CAGR of 11.10%

Drivers of Electricity Prices and Load Growth in the United States ...

Some participants mentioned that AI itself can be a resource for grid management—helping clear clogged interconnection queues, improving forecasting, and optimizing

Commercial And Industrial Energy Storage Market Size,

Note: Market size and forecast figures in this report are generated using Mordor Intelligence's proprietary estimation framework, updated with the latest

Global Energy Transition Outlook 2025

We forecast the most likely global and regional energy transition trajectory based on DNV's independent model of the world's energy systems. Explore our flagship

Circuit Breaker Market Size, Types, Growth, Report 2035

Circuit Breaker Market Projected to Reach USD 39.72 Billion With CAGR of 6.15%, Industry Analysis By Type, Voltage Rating, Application, End

Latest Report

Development and Outlook on Global Energy Interconnection 2025 Full Report
Summary PPT

Europe Battery Energy Storage System Market Size

Europe Battery Energy Storage System (BESS) Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Europe Battery

Battery Energy Storage System Market Size Report 2031

Battery Energy Storage System (BESS) Market Analysis by Mordor Intelligence The Battery Energy Storage System market size is expected to grow

Global Energy Outlook

The Global Energy Outlook (GEO) provides a unique “apples-to-apples” comparison of global energy projections by leading international organizations and corporations. It provides insight

Global electricity development and transition: Progress and

A global electricity outlook for 2030 has been developed based on the above-discussed data and current development trends, using the GEI (Global Energy Interconnection) model.

Global Energy Perspective 2025 | McKinsey

Geopolitical uncertainty, shifting policies, and increasing demand for power are reshaping the energy landscape. In this year's report, we present our updated view on what's to come in the

Data Center Power Crisis 2026: The Grid Bottleneck

In 2026, the data center power crisis peaks. Grid scarcity, not hardware, is the top supply chain risk. Discover the winning strategies to secure power now.

Global energy demands within the AI regulatory landscape

This background guide on energy demands and AI was distributed to participants ahead of the FCAI dialogue on Nov. 18, 2025.

BNEF forecasts record 2025 for global energy storage

The global market for energy storage is set to reach unprecedented levels next year, with utility-scale projects leading the charge, according to

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