

# Total Investment in Global Energy Interconnection





## Overview

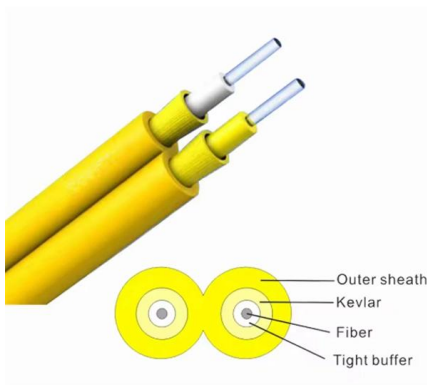
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London and New York, January 26, 2026 – BloombergNEF's (BNEF) annual Energy Transition Investment Trends (ETIT) finds that global investment into the energy transition hit a record \$2. Global energy investment is set to exceed USD 3 trillion for the first time in 2024, with USD 2 trillion going to clean energy technologies and infrastructure. Investment in clean energy has accelerated since 2020, and spending on renewable power, grids and storage is now higher than total spending.



## Total Investment in Global Energy Interconnection

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### Global energy interconnection

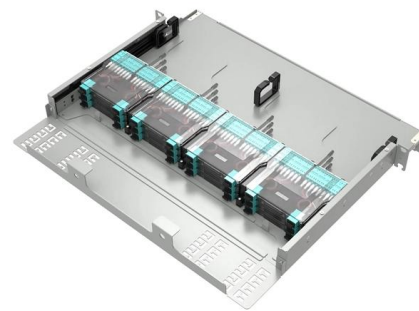
Thus this White Paper aims to highlight the concept of GEI and begin laying the foundations for identifying and addressing the standardization needs for large-scale, transcontinental and global

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### World Energy Investment 2025

Abstract This year's World Energy Investment report, marks the 10th edition of this flagship analysis and provides a full update on the investment picture in 2024 and an initial reading of the emerging picture

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### Energy Transition Investment Trends

Energy Transition Investment Trends tracks investment in the global energy transition, from renewables to nuclear, transport, hydrogen, carbon capture and

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### Global energy investment set to rise to \$3.3 trillion in

Investment in solar, both utility-scale and rooftop, is expected to reach \$450 billion in 2025, making it the single largest item in the global energy



### IEA World Energy Investment Report 2025: Where is global capital

Clean energy continues to dominate, attracting \$2.2 trillion in global investment -- more than double that of fossil fuels. In advanced economies, the ratio is even higher.

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### Large-scale electricity interconnection - Analysis

Large-Scale Electricity Interconnection: Technology and Prospects for Cross-regional Power Networks delivers policy recommendations for power sector interconnection consistent with an integrated

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### World Energy Investment 2025 - Analysis

This year's World Energy Investment report, marks the 10th edition of this flagship analysis and provides a full update on the investment picture in 2024 and an

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## World Energy Investment 2025

Over 70% of all international public finance for energy goes to clean energy projects, mainly via debt provided by DFIs. Private capital mobilisation remains low.

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## Executive summary - World Energy Investment 2021

Executive summary Global energy investment is set to rebound by around 10% in 2021, reversing most of the drop caused by the pandemic In 2021, annual global

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## Quarterly Solar Industry Update

Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry. Each presentation focuses on global and

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## BloombergNEF Finds Global Energy Transition

London and New York, January 26, 2026 - BloombergNEF's (BNEF) annual Energy Transition Investment Trends (ETIT) finds that global investment

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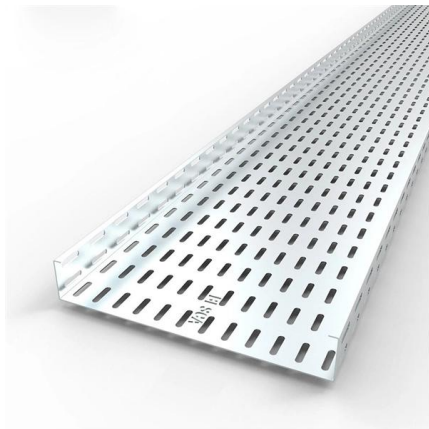




## World Energy Investment 2024 - Analysis

This year's edition of the World Energy Investment provides a full update on the investment picture in 2023 and an initial reading of the emerging

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## Data centers and AI: How the energy sector can meet

The growth of data centers and AI rely on the availability of electric power. Opportunities for investors in power infrastructure and adjacent sectors

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## Australia's Energy Shift: AEMO publishes draft 2026

Cost comparison and investment outlook The Draft 2026 ISP projects' total annualised capital costs through 2049-50 of AUD130.06 billion (in present

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## 3. Economic and Financial Impacts of Grid Interconnection

3.1. Introduction: Arguably the primary reason for developing an electricity grid interconnection between countries is to reduce the overall combined economic costs of supplying electricity

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## World Energy investment 2025 highlights

Global energy investment is set to rise to USD 3.3 trillion in 2025, with twice as much investment in clean energy as in fossil fuels, the International

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### Executive summary - Energy and AI - Analysis

Global investment in data centres has nearly doubled since 2022 and amounted to half a trillion dollars in 2024. This investment boom has led to growing concerns

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### Overview and key findings - World Energy Investment

Global energy investment is set to exceed USD 3 trillion for the first time in 2024, with USD 2 trillion going to clean energy technologies and infrastructure. Investment in

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### Global Energy Interconnection , Journal

GEI journal has been indexed in multiple databases such as EI Compendex, Scopus, Inspec, DOAJ, Elsevier ScienceDirect, etc. The potential for renewable energy to make contributions to mitigating

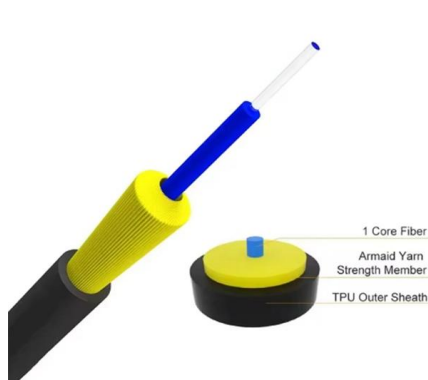
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## Executive summary - World Energy Investment 2025

World Energy Investment 2025 - Analysis and key findings. A report by the International Energy Agency.

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## Five Takeaways from IEA's Report on World Energy

Clean energy investment is a record high, according to the recently released World Energy Investment 2025 report by the International Energy Agency

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## Overview and key findings - World Energy Investment

Overview and key findings Energy investment in 2023 The recovery from the Covid-19 pandemic and the response to the global energy crisis have provided a major

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## World Energy Investment 2025

The report provides a global benchmark for tracking capital flows in the energy sector and examines how investors are assessing risks and opportunities across all areas of fuel and electricity supply, critical

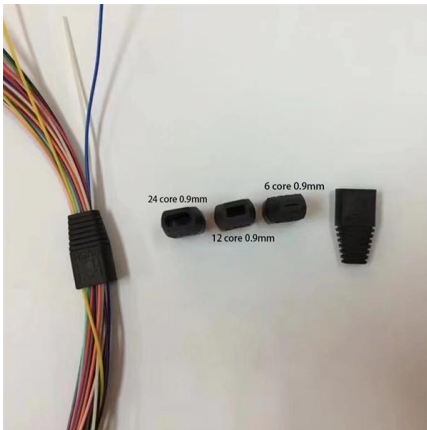
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## Global Energy Transition Investment Hits Record \$2.3

BloombergNEF's annual 'Energy Transition Investment Trends' report tracks global spending across the energy transition, including investment in clean technology

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## World Energy Investment 2024 - Analysis

In 2024, the share of global clean energy investment in EMDE outside China is expected to remain around 15% of the total. Both in terms of volume and share,

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## A comprehensive review on the benefits and challenges of global

Within the literature a variety of terminology is applied such as Global Energy Interconnection (GEI), Global Energy Internet, Global Transnational Grid (GTG), global

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## BloombergNEF Finds Global Energy Transition

BloombergNEF's Energy Transition Investment Trends reviews annual investment figures in the global energy transition, including spending to

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## **Global Energy Investment to Hit Record \$3.3 Trillion in**

Global energy investment is on track to reach a record \$3.3 trillion in 2025, with clean technologies leading the charge. Grid infrastructure and regional

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