

Investment Scale in Internet New Energy



AI Overview

Global investment in the energy sector is projected to reach USD 3.3 trillion in 2025, with over USD 2.2 trillion directed toward renewables, grids, storage, low-emissions fuels, and electrification, highlighting the rapid growth of Internet-enabled energy systems. Global Investment Overview In 2025, capital flows to the energy sector are expected to rise by 2% in real terms compared to 2024, reaching USD 3.3 trillion. Of this, USD 2.2 trillion is allocated to clean energy technologies, including renewable power, nuclear, smart grids, energy storage, low-emissions fuels, and electrification, which collectively represent the core of the Internet new energy ecosystem. This investment is twice the amount directed toward traditional fossil fuels such as oil, natural gas, and coal, reflecting a strategic shift toward sustainable energy infrastructure and digital integration of energy systems (IEA 2025). Internet New Energy and Strategic Transformation The energy Internet integrates energy production, transmission, storage, and consumption with digital platforms, enabling real-time monitoring, demand-side management, and efficient energy distribution. Investment in this sector is not only about capital expenditure but also about strategic mergers and acquisitions, which help enterprises expand market share and achieve operational efficiency. Studies show that enterprise size significantly influences investment efficiency, and evaluation models like TOPSIS and DEA are increasingly used to assess the effectiveness of mergers in the energy Internet field (Frontiers in Environmental Science 2022). Regional and Sectoral Trends Investment efficiency varies widely across regions, with higher energy efficiency generally observed in eastern regions of China compared to western regions. Globally, development finance institutions play a key role in supporting energy Internet projects in emerging and developing economies. The sector is also influenced by policy frameworks, energy security concerns, and technological innovation, which d...

Article Content

New Energy Outlook 2026

Alongside electric vehicles and industry, data centers emerge as one of the fastest-growing drivers of new electricity demand, fueled by the rapid expansion of

Grids - Electricity 2026 - Analysis

Meeting electricity demand through 2030 will require annual grid investment to increase by approximately 50% by 2030 from today's USD 400 billion, alongside

AI to drive 165% increase in data center power demand

The explosion in interest in generative artificial intelligence has resulted in an arms race to develop the technology, which will require many high

Gartner | Delivering Actionable, Objective Insight to

Gartner provides actionable insights, guidance, and tools that enable faster, smarter decisions and stronger performance on an organization's mission-critical priorities.

Investing in the infrastructure of modern society | McKinsey

At the same time, the energy transition and emerging technologies are creating new avenues for growth while adding complexity to investment strategies. This chapter explores how

Top Strategic Technology Trends for 2026 | Gartner

Explore Gartner's Top Strategic Technology Trends for 2026 — 10 trends that will shape innovation, resilience and trust across industries. Learn how CIOs can

The investment dimension of digital strategies

Strategies for artificial intelligence (AI), data centres and semiconductors can boost investment attraction by clarifying priorities, regulatory needs and, in some

The 2026 AI Index Report

AI's influence on society has never been more pronounced. At Stanford HAI, we believe AI is poised to be the most transformative technology of the 21st century.

2026 Market Outlook for Global Data Centers | JLL

Nearly 100 GW of new data centers will be added between 2026 and 2030, doubling global capacity. The global data center sector will likely expand at

Welcome to Channel Dive | Channel Dive

David McNew via Getty Images Welcome to Channel Dive. We're Informa TechTarget's new publication, focused on delivering daily news and

Renewable Energy

Renewable energy will play a key role in decarbonizing our energy systems in the coming decades. But how rapidly is our production of renewable energy

Nasdaq: Stock Market, Data Updates, Reports & News

Get the latest stock market news, stock information & quotes, data analysis reports, as well as a general overview of the market landscape from Nasdaq.

Digital Energy Market Size to Hit USD 1,216.10 Bn By 2033

Indian companies like Tata Power and Reliance Energy have been actively involved in the implementation of digital energy solutions, focusing on

Gartner Business Insights, Strategies & Trends For

Gain strategic business insights on cross-functional topics, and learn how to apply them to your function and role to drive stronger performance and innovation.

Growing data volumes drive need for ICT energy innovation | World ...

Exponential growth in ICT data is increasing demand on energy grids, requiring energy innovation and collaboration to meet this challenge sustainably.

Energy and AI - Analysis

The development and uptake of artificial intelligence (AI) has accelerated in recent years - elevating the question of what widespread

Latest Long And Short Stock Ideas | Stock Investment

Seeking Alpha is the web's largest source of long and short stock ideas for investors. Read our contributor content and find stock market investment ideas.

ITPro Today, Network Computing, IoT World Today combine

ITPro Today, Network Computing and IoT World Today have combined with TechTarget . The page you are looking for may no longer exist.

World Investment Report 2025: Chapter 4

Bridging this divide requires significantly increasing investment in digital infrastructure and services, including by the private sector. Expanding digital networks, deploying fifth-generation (5G)

Digital Infrastructure Investment: Where will the billions come from?

Connecting people and communities today depends not only on building and sustaining traditional connectivity infrastructure, but also on investing in cloud services, data centres, storage

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sabineamsee.co.za>

Email: info@sabineamsee.co.za

Phone: +27 82 415 6793

Address: Unit 7, Innovation Park, 34 Electron Road, Kempton Park, 1620,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

