

A major internet company building a new energy sector



Article Overview

Google, along with other tech giants, is actively investing in energy infrastructure, including nuclear power and AI-driven energy solutions, to meet growing data center demand and drive the clean energy transition.

Google's Energy Initiatives

Google has made significant moves into the energy sector, particularly focusing on nuclear power. The company signed an agreement with Kairos Power to purchase electricity from small modular nuclear reactors, aiming to supply up to 500MW of carbon-free power to U.S. grids, with the first reactor expected online by 2030 and additional deployments through 2035 . This initiative is part of Google's strategy to meet the surging electricity demand driven by AI and data centers, ensuring reliable and sustainable energy supply .

Broader Tech Industry Involvement

Other major tech companies are also entering the energy sector:

- Microsoft has contracted to restart the Three Mile Island nuclear reactor in Pennsylvania .
- Amazon is investing in nuclear-powered data centers .
- NVIDIA's venture arm, NVentures, participated in funding TerraPower, an advanced nuclear reactor project in Wyoming . These moves reflect a broader trend where hy...

Article Content

Amazon, Google and Microsoft Are Investing in Nuclear Power

Large technology companies are investing billions of dollars in nuclear energy as an emissions-free source of

The most innovative companies for energy in 2025

Why Antora, Budderfly, and Infinitum are among Fast Company's Most Innovative Companies in the energy space for

Google plans to build gigawatts of clean power and | Canary Media

On Tuesday, Google unveiled a first-of-its-kind strategic partnership to do exactly that. The tech giant and its partners

US data centers' energy use amid the artificial intelligence boom | Pew ...

Artificial intelligence has developed rapidly in recent years, with tech companies investing billions of dollars in data

NextEra to build 15 gigawatts of power for data centers by 2035

NextEra Energy plans to build 15 gigawatts of new power generation for data center hubs by 2035, CEO John

Technology-driven innovations for the energy sector

It's not just about how we measure, track and reduce our emissions through new solutions. Major

How 7 power & energy companies are innovating with cloud and AI in

Westinghouse is just one of dozens of power and energy companies deploying Google Cloud's capabilities to

Microsoft AI powers a new energy future

Darryl leads a global team driving digital transformation across the energy sector through the

12 AI Energy Companies For A Brighter Future [2026 review]

Their innovations promise to reshape how we generate, store, and consume energy, ushering in a new era of clean,

Renewable energy industry

The renewable-energy industry is the part of the energy industry focusing on new and appropriate

Google's 2025 AI Energy Strategy: Fueling Dominance

Explore Google's 2025 AI energy strategy. See how its \$75B plan and key acquisitions build a renewable energy moat for AI data

Rapid progress of key clean energy technologies shows the new energy ...

Notable progress was made in the buildings sector – which has been upgraded from “not on track” to “more efforts

5 years of 100% renewable energy, and targeting 100% CFE

For five years now, Google has matched all its energy consumption with renewable energy, and is planning to use

2026 Renewable Energy Industry Outlook | Deloitte Insights

Deloitte's 2026 Renewable Energy Industry Outlook indicates that amid policy changes, the industry is likely to focus on building

Digitalization and Energy – Analysis

A review of key energy sectors demonstrates the many – and varied – ways in which digital technologies can affect jobs and skills in

Alphabet Buys Energy Startup Intersect For \$4.75 Billion To ...

Alphabet on Monday announced it will acquire clean energy startup Intersect Power in a deal valued at \$4.75 billion,

NextEra, Google accelerate US data center build-out with new deals

U.S. utility company NextEra Energy has expanded its partnership with Alphabet's Google Cloud to build new energy

Where Does The Internet Get Its Energy? Tech Companies' Power

Where tech companies like Apple and Amazon source their power has major impacts on local energy policy. Here's the

New Energy Outlook 2026

The New Energy Outlook presents BloombergNEF's long-term energy and climate scenarios for the transition to a low-carbon

Top 10: Tech Companies in Energy

Here are 10 of the leading technology companies which lifts the energy sector thanks to its innovations and expertise.

5 Top Internet of Energy Startups Impacting the Industry

Our Innovation Analysts recently looked into emerging technologies and up-and-coming startups working on solutions for the energy

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

Big Tech's A.I. Data Centers Are Driving Up Electricity Bills for ...

Electricity rates for individuals and small businesses could rise sharply as Amazon, Google, Microsoft and other

New innovations in cybersecurity are disrupting the energy sector ...

The ongoing digitization and renewables-driven transformation of the energy sector makes energy companies

An era of renewable energy growth and development

A new era is dawning when it comes to renewable energy growth. In this article, we explore

BSR's Vision for the Future of Internet Power: 100 Percent Renewable Energy

The Future of Internet Power has played a foundational role in helping the ICT sector make aggressive but achievable

The Potential of Digital Business Models in the New Energy Economy

The pace of digitalisation in the energy sector has accelerated rapidly in recent years, leading to a transformation of

How 7 power & energy companies are innovating with cloud and AI in

Whether it's predictive maintenance, grid resilience, or the deployment of safer nuclear energy, discover how industry

5 ways Big Tech could have big impacts on clean energy transitions

Big tech companies are major purchasers of renewable energy The big tech companies have pioneered corporate

Why we need to power cyber resilience in the energy sector

Collaboration across energy ecosystems and supply chains is key to improving the sector's cyber resilience as power

From Silicon Valley to Energy Giants: How Tech Titans Are

In the pursuit of AI progression, major tech companies are transforming into energy producers, sparking regulatory

Meta Hyperion AI expansion, energy landscape transformation

These efforts mark a significant step in scaling large-scale AI computing power and deepening the company's AI

What the data centre and AI boom could mean for the

The energy sector itself may slow down the growth of AI, if generation and grid capacity is

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