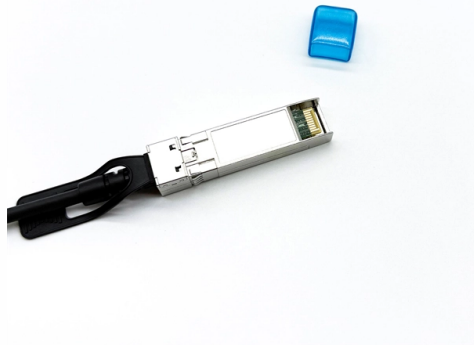


Cloud Data Center New Energy Project



Overview

Ningxia, China - May 3, 2026 - China has brought online its first large-scale renewable energy project designed to supply power directly to data centers, marking a significant step in aligning artificial intelligence-driven computing demand with national decarbonization goals. The 1GW AI data centre and innovation campus facility in Croatia will be powered by a 500MW solar farm built onsite at the data centre, with connections to Croatia's national grid. Construction will begin in 2027 with launch slated for 2029. The project, located. According to a recent report by the International Energy Agency, AI growth alone is projected to quadruple AI-optimised data centre electricity demand by 2030 Without a dramatic shift in the way these centres are powered, this trajectory has the potential to inflate our global carbon footprint. Intersect Power, Google and TPG Rise Climate partner to tightly couple data center growth with clean power generation, accelerating the transition to a carbon-free future for AI. Today, Google is entering a strategic partnership with Intersect Power and TPG Rise Climate to synchronize new clean. The Global Infrastructure Expansion Is Accelerating Into a New Era The scale of data center development planned for 2026 is unlike anything the industry has experienced before. Across North America, Europe, Asia, and the Middle East, a new wave of hyperscale and AI-focused projects is moving from. Energy-efficient AI, battery storage systems, and renewed interest in nuclear have reshaped how data centers generate, consume, and manage energy. In 2025, data centers evolved from passive utility customers to active energy planners, investing in on-site generation, battery storage, and flexible.

Article Content

Building the Next Generation of Green Data Centres

How operators like Google, Microsoft and Meta are rethinking power, cooling and materials, to cut carbon, save water and reuse waste heat. Data

"Irresponsible": backlash as Utah approves datacenter twice the size of ...

A plan to create one of the world's largest datacenters, a gargantuan project spanning an area more than twice the size of Manhattan, has provoked a furious public backlash in Utah amid

A new approach to data center and clean energy growth

This "power first" approach to data center development is an evolved model that can significantly reduce delivery timelines of new power generation

China links renewable energy directly to AI data centers

The project, located in the northwestern region of Ningxia, integrates solar and wind energy generation with a nearby cloud data center hub in Zhongwei. It represents a new

A new approach to data center and clean energy growth

To address these grid constraints, Google's partnership with Intersect Power and TPG Rise Climate will deliver new clean energy that is purpose-built

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Power Hungry Data Centers Are Driving Green Energy

In response, operators are piloting the co-location of data centers and large renewable energy power plants to reduce grid reliance and access cheaper

AI is poised to drive 160% increase in data center power

Goldman Sachs Research estimates the overall increase in data center power consumption from AI to be on the order of 200 terawatt-hours per

How Data Centers Redefined Energy and Power in 2025

In 2025, data centers evolved from passive utility customers to active energy planners, investing in on-site generation, battery storage, and flexible

EdgeConneX Plans Swedish Data Center Campus for AI

EdgeConneX plans a major data center campus in Skellefteå, Sweden, expanding Nordic capacity for AI and cloud while leveraging renewable

Mark Zuckerberg says Meta is building a 5GW AI data

Mark Zuckerberg says Meta is building out some massive data centers to power its AI ambitions and compete with OpenAI, Google, and Anthropic.

2026 Data Center Projects Could Add 20GW of New Capacity | AI

Global data center projects in 2026 could add 20GW of new capacity. Explore how AI, hyperscalers, and power demand are reshaping infrastructure.

Powering AI: Europe switches on first microgrid data

AVK and Pure Data Centers' microgrid facility in Ireland could mark the region's first step toward a privately powered ecosystem.

The renewable route for data centre expansion | The

When new, massive data centre loads and substantial renewable energy sources are connected to often legacy grid infrastructure, it can lead to

OpenAI halts UK Stargate project amid regulatory, energy price

OpenAI's Stargate project in the UK is being paused due to regulatory and energy cost concerns. The major AI infrastructure was announced in September in partnership with Nvidia and

OpenAI, Oracle, and SoftBank expand Stargate with five

OpenAI, Oracle, and SoftBank announce five new Stargate AI datacenter sites, accelerating a \$500B, 10-gigawatt U.S. infrastructure buildout to

In focus: Data centres – an energy-hungry challenge

In March 2025, the latest version of the list of identified and recognised best practices for data centre energy efficiency was published. Data

Is Oracle's (ORCL) AI Data Center Bet Recasting Its Long-Term Cloud ...

In recent weeks, Eightfold AI announced it has integrated its autonomous Interviewer tool into Oracle Fusion Cloud Recruiting, while Oracle and BorderPlex Digital Assets revealed that

This AI data center will be bigger than 2,000 Walmarts and dump "23 ...

AI This AI data center will be bigger than 2,000 Walmarts and dump "23 atom bombs worth of energy" into the environment every day — and locals are terrified News By Amanda Caswell

Data Centre Power Deal Tracker

Discover where data centre companies are striking behind-the-meter deals with power providers to ensure sufficient electricity supply for their projects.

Baker Hughes Develops AI-Enabled Power Optimization and

Collaboration brings Baker Hughes' energy technology and expertise together with Google Cloud's AI and digital capabilities to meet increasing data center power demands Project will

Data Center Knowledge | Navigating the Future of Data

The leading online source of daily news and analysis about the data center industry, including hardware, software, data center networking, and more.

Manchester's Future Point clinches 1.4 GW connection

Eclipse Power Optimise and Carlton Power have signed a joint development agreement to build Future Point Manchester, a 1.4 GW energy park

Microsoft Datacenters: Illuminating the unseen power of

Illuminating the unseen power of the cloud Comgás modernized its technology park to operate 100% in the cloud and expands the use of advanced data analytics.

Cloud Carrier proposes gas-fired power station to power

In short: Cloud Carrier plans to power its data centres with on-site gas-fired engines, producing enough energy to power 70,000 homes.

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