Analysis: Why Google Bought Intersect for AI Energy Supply

By Adrien Laurent, CEO at IntuitionLabs • 12/23/2025 • 45 min read

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Executive Summary

Alphabet Inc., Google's parent company, has agreed to acquire **Intersect Power**, a developer of co-located data center and energy infrastructure, for **$4.75 billion** in cash (plus debt assumption) (abc.xyz) ([1] www.livemint.com). This strategic move comes amid an unprecedented surge in **AI-driven data center energy demand**, which is straining traditional power grids and prompting tech firms to seek new solutions. The acquisition of Intersect — a company developing multi-gigawatt solar, storage, and natural gas–backed power projects alongside data centers — is designed to **secure reliable, scalable energy supply** for Google's expanding AI and cloud infrastructure.

In essence, Google is integrating vertically by owning power generation capacity engineered specifically for its data centers ([2] www.asianfin.com) ([3] entrepreneurloop.com). The deal bolsters Google's ability to **rapidly bring new data center capacity online in tandem with dedicated clean energy supply**, thereby overcoming bottlenecks in grid interconnection, cost volatility, and environmental constraints. At closing (expected in H1 2026), Intersect will operate as an independent subsidiary under CEO Sheldon Kimber, continuing joint projects with Google (including a co-located solar-and-storage site in Haskell County, Texas) while its existing non-core assets in Texas and California remain separate (abc.xyz) ([4] www.axios.com).

This report provides a comprehensive analysis of **why Alphabet is buying Intersect**. It explores the broader context of skyrocketing AI energy needs, Intersect's background and assets, the strategic fit for Google, competing industry responses, and the implications for the data center and energy sectors. It draws on official statements, industry reporting, expert commentary, and concrete data to examine how this landmark deal addresses the energy bottleneck in AI, accelerates renewable power deployment, and positions Google for sustainable growth in the AI era.

Introduction and Background

The AI Energy Challenge

The rapid rise of **generative AI** and large-scale data analytics has created an unprecedented surge in demand for data center compute power. Cutting-edge AI servers and accelerators (GPUs, TPUs, and ASICs) consume vastly more electricity than traditional servers. For example, high-end AI GPUs now draw on the order of **700–1200 watts per chip**, compared to roughly 150–200 watts for major CPUs a decade ago ([5] entrepreneurloop.com) ([6] www.asianfin.com). Collectively, AI workloads have pushed hyperscale data center consumption to new heights: U.S. data centers reportedly **used about 183 terawatt-hours (TWh)** in 2024, exceeding 4% of national electricity use ([7] entrepreneurloop.com) ([8] timesofindia.indiatimes.com). The Department of Energy projects this fraction could nearly **triple to ~12% by 2028** if trends continue ([8] timesofindia.indiatimes.com). In countries like Ireland, data halls already account for **over 20% of total electricity** ([9] www.pressenterpriseonline.com), revealing the global scale of the challenge.

This surge has serious consequences. In many regions, the sudden load from data centers has strained local grids, causing authorities to impose moratoriums on new facilities to avoid blackouts (for instance, Ireland halted new data centers near Dublin for several years) ([9] www.pressenterpriseonline.com). Communities hosting dozens of data centers have seen residential power bills jump dramatically – one report noted areas with dense AI expansion saw **electricity price increases up to 267%** over five years ([10] timesofindia.indiatimes.com). Lawmakers and regulators worldwide are now scrutinizing how cloud providers build these centers and procure

power, concerned about cost-shifting to utilities and broader energy security ([11] timesofindia.indiatimes.com) ([12] timesofindia.indiatimes.com).

Tech companies themselves acknowledge the problem. Alphabet's CEO Sundar Pichai has warned that the energy needs of AI are "one of the slowest, oldest industries" holding back modern computing ([13] www.intersect.com). Similarly, analysts note that AI data centers could consume as much power as millions of homes ([14] entrepreneurloop.com). The essential problem is clear: **traditional electricity grids and market structures were not designed to accommodate the rapid build-out of massive, always-on AI data centers**. To meet the demand from Google's own AI ambitions (and to remain competitive with Amazon Web Services, Microsoft Azure, and others), Google must find new ways to ensure **abundant, reliable, and affordable energy** for its cloud and AI infrastructure (abc.xyz) ([15] www.livemint.com).

Google's Infrastructure and Energy Strategy

Google is one of the world's largest data center operators, with dozens of campuses in North America and globally. Like its peers, Google has made aggressive commitments on clean energy and sustainability: it has operated on 100% renewable energy on an annual basis for years, is pursuing **24×7 carbon-free electricity by 2030**, and invests heavily in wind, solar, and emerging clean technologies (abc.xyz).It also works to improve data center efficiency through AI-driven cooling and power management.

However, even as Google decarbonizes, the sheer **scale of build-out** required for AI means sustainability and capacity must go hand-in-hand. Google's own announcements emphasize creating "new pathways" and "advancing rapid commercialization of advanced energy technologies" such as geothermal, long-duration storage, and carbon-capture gas generation (abc.xyz). As one Google technical blog notes, integrating AI growth with power infrastructure is critical: co-locating data centers with **dedicated generation** (solar, wind, battery, and flexible gas) can yield the "fastest, cheapest, and most reliable" energy for new computing capacity (abc.xyz) ([16] www.intersect.com).

Google has already begun executing on these ideas. In late 2024, Google partnered with climate investors (TPG Rise Climate, etc.) and Intersect Power to fund **$20 billion** of co-located solar, storage, and clean backup projects serving data centers ([17] www.utilitydive.com) ([18] www.axios.com). Google also signed new long-term power purchase agreements (PPAs) with utilities worldwide – including a 21-year deal for Malaysian data centers with TotalEnergies and commitments to buy from advanced nuclear projects (via Kairos Power ([19] www.emergingtechbrew.com) and TerraPower). In each case, the goal is to **match new data center load with new carbon-free generation** instead of relying solely on the public grid.

For Google, the Intersect acquisition represents a crowning move in this strategy: rather than just offtaking energy, Google will directly own and control large portions of the generation pipeline optimized for its AI centers ([2] www.asianfin.com) ([3] entrepreneurloop.com). This report examines the multifaceted reasons and context behind this deal, including historical context, data-driven analysis, and potential future impact on technology, energy, and policy.

Intersect Power: Company Profile

Founded in 2016, **Intersect Power** is a technology-driven energy developer focusing on **co-located renewable power and data center infrastructure**. The company's mission, led by CEO Sheldon Kimber, is to build "industrial-scale clean infrastructure" for energy-intensive industries (notably AI data centers and heavy industry) by combining renewable generation, energy storage, and flexible backup power on or near the customer's site ([13] www.intersect.com) (ppc.land). In effect, Intersect's model is to eliminate the need for grid-

delivered ("baseload") power by providing **"bring your own generation"**: each data center has adjacent solar, wind, battery, and rapid-response natural gas generation.

As of late 2025, Intersect has deployed or contracted notable projects. Its base portfolio includes **2.2 GW of operating solar** and **2.4 GWh of battery storage** ([20] www.intersectpower.com) (about $4 billion invested). It plans to break ground on an additional 4 GW solar and 10 GWh storage in 2025 ([20] www.intersectpower.com) (roughly $9 billion more). These projects span multiple states. Key examples:

- **Lumina (Scurry County, TX)** – 828 MWp of solar plus an on-site 640 MWh battery ([21] www.intersectpower.com).
- **Oberon (Riverside Co., CA)** – 678 MWp solar with 1 GWh battery storage ([22] www.intersectpower.com).
- **Radian (Brown Co., TX)** – 415 MWp solar plus 320 MWh of batteries ([23] www.intersectpower.com).
- **Athos III (Riverside Co., CA)** – 310 MWp solar plus 448 MWh battery ([23] www.intersectpower.com).
- **Darden (Fresno Co., CA)** – 1,600 MWp solar and 4,600 MWh of battery (in development) (ppc.land).
- **Quantum (Haskell County, TX)** – 840 MWp solar with 1,300 MWh storage (adjacent to a new Google data center site) (ppc.land).

Across these and other projects, Intersect has amassed over **$15 billion of assets** either operating or under construction (as it notes in its press release) (abc.xyz). Its innovative approach – "co-locating industrial demand with dedicated gas and renewable generation" – is explicitly aimed at today's constraints, enabling "the fastest, cheapest, cleanest, and most reliable energy and infrastructure solutions" for massive new loads ([24] www.intersect.com) ([25] entrepreneurloop.com).

Intersect's growth accelerated recently through outside funding. In December 2024, Google (via Alphabet) and TPG Rise Climate led an **$800 million financing round** for Intersect, partnering with Climate Adaptive Infrastructure and Greenbelt Capital ([26] www.utilitydive.com) ([27] www.axios.com). That partnership targeted development of $20+ billion in energy parks. As a result, Google acquired a **minority stake** in Intersect during 2024 ([28] uk.finance.yahoo.com) ([29] www.livemint.com). The 2025 acquisition announced on Dec 22 effectively buys out Google's seat and moves to 100% ownership of selected assets.

Intersect's track record has received industry attention. Its CEO and senior team come from major energy and finance backgrounds, and the company has won awards for "Deal of the Year" in clean energy finance (reflecting its innovative co-location model). The firm also maintains strategic partnerships: e.g., distribution agreements for 17.7 GWh of Tesla Megapack batteries (ppc.land) (among the world's largest deployments of that technology) and a multi-billion-dollar collaboration with First Solar for U.S.-made solar panels (ppc.land). This emphasis on American-based supply chains aligns with federal incentives (the Inflation Reduction Act) and Google's own corporate values on labor and environmental standards ([22] www.intersectpower.com).

In short, Intersect Power has established itself as a **leading developer of "data center energy parks"**. Its model directly addresses generation shortfalls and grid delays by tightly integrating power and IT infrastructure. Google's December 2025 press release highlights that Intersect's completed and pipeline projects (including those in partnership with Google) will bring "multiple gigawatts of energy and data center projects" online much faster (abc.xyz) ([30] www.axios.com). These capabilities — and the specialized team behind them — are the core assets Google is buying.

The Acquisition Details

On December 22, 2025, Alphabet publicly announced the definitive agreement to acquire Intersect Power for **$4.75 billion in cash** plus the assumption of Intersect's debt (abc.xyz). According to Alphabet's investor release, the deal covers Intersect's **data center and energy infrastructure solutions**, including its

development team and ongoing projects. Importantly, Google had already invested in Intersect's growth: aside from the minority stake, Intersect had raised over $2.1 billion in total funding, including Google's $800 million contribution and other climate investors ([28] uk.finance.yahoo.com). Alphabet's purchase both consolidates its existing investment and expands its commitment.

Key aspects of the transaction:

- **What's included:** Intersect's **pipeline of projects** (in development or under construction), especially those tied to Google's own needs. The announcement explicitly says Alphabet will acquire "multiple gigawatts of energy and data center projects in development, or under construction" from Intersect's existing Google partnership (abc.xyz) ([18] www.axios.com). This notably includes the companies' inaugural co-located data center and power site in Haskell County, TX, now under construction (abc.xyz) ([31] www.livemint.com). Google also gains Intersect's "world-class team" and technical collaboration on future projects (abc.xyz) ([32] www.livemint.com).
- **What's excluded:** Intersect's assets that were **already operating** (or fully permitted) are *not* part of the sale. Alphabet confirmed that Intersect's operating solar/storage sites in Texas, and its operating and in-development projects in California, will remain independent (abc.xyz) ([4] www.axios.com). Those assets (~$4B of investment, e.g. the Lumina, Oberon, Radian, Athos projects) will continue under Intersect Power's existing investors (TPG Rise, Greenbelt, etc.), with Intersect pledging a smooth transition for customers (abc.xyz) ([4] www.axios.com). In practical terms, Alphabet is buying the *growth engine and future pipeline*, but not the bricks-and-mortar solar farms already feeding local grids.
- **Structure and management:** Intersect will remain a standalone subsidiary post-acquisition. Sheldon Kimber will continue as CEO, and the Intersect brand and operations will stay intact (abc.xyz) ([33] www.livemint.com). Alphabet stated that Intersect will "partner closely" with Google's technical infrastructure team on joint projects (abc.xyz) ([32] www.livemint.com). In other words, Intersect will keep its entrepreneurial culture and development focus while plugging into Google's vast cloud business. Alphabet's CEO Sundar Pichai emphasized in the press release that the reasoning was to **"expand capacity, operate more nimbly in building new power generation in lockstep with new data center load"** (abc.xyz).
- **Timing and conditions:** The deal is subject to customary regulatory approvals and is expected to close in the first half of 2026 (abc.xyz) ([34] www.axios.com). This timing reflects both due diligence and coordination with Intersect's project schedules, as well as antitrust or foreign investment review processes. The companies noted that until close, Intersect's existing operations continue unchanged. Alphabet's release cautioned (as usual) that closing risks exist (e.g. approvals, integration issues) (abc.xyz), but all signs indicate regulatory risk is low since the transaction is not about market share in core Google businesses.
- **Public responses:** (No public opposition was reported.) In fact, media coverage has been generally positive or analytical. The Times of India, Axios, Reuters, AP News and technology press immediately identified the deal as part of a broader tech trend of investing in power infrastructure for AI. Quotes in the press echoed those in the release: Pichai hailed "reimagining energy solutions to drive U.S. innovation and leadership" ([35] timesofindia.indiatimes.com), while Kimber called modern infrastructure "the linchpin of American competitiveness in AI" (abc.xyz) (ppc.land).

In summary, Alphabet's purchase of Intersect is large but strategically focused: it transfers into Google's control Intersect's future co-located solar/storage/gas projects (and experienced team) that directly support Google's data center expansion. It does **not** absorb unrelated assets. By structuring the deal this way, Alphabet secures a multi-gigawatt energy pipeline for its AI needs while limiting integration complexity. The official narrative is one of accelerating innovation and capacity: as Google's statement puts it, the acquisition "will augment Alphabet and Google's ongoing commitment … to unlock abundant, reliable, affordable energy supply that enables the buildout of data center infrastructure" without shifting costs to other power users (abc.xyz) (ppc.land).

Strategic Motivations and Rationale

The question "**Why is Google buying Intersect?**" can be answered on several strategic levels. At a high level, Google is **securing its power supply chain** for the AI era and embedding itself more deeply in the energy value

chain. Below we outline the main motivations, supported by evidence and analysis:

- **Meeting Exploding AI Energy Demand.** The foremost reason is pragmatic: **power-hungry AI data centers need more electricity than the traditional grid can deliver quickly**. By owning Intersect's projects, Google gains immediate access to thousands of megawatts of generation co-designed with data centers ([36] www.livemint.com) ([37] entrepreneurloop.com). Industry analysts characterize the deal as addressing an "AI power crisis" head-on ([38] www.asianfin.com) ([39] entrepreneurloop.com). Intersect's model of co-location effectively bundles generation with load, so that when Google builds a new AI facility, the energy can come from on-site solar/wind + batteries + flexible gas rather than waiting months or years for grid connection. Sheldon Kimber (Intersect's CEO) vividly describes the problem: "AI today is stuck behind one of the slowest, oldest industries… There isn't enough electricity for all the racks full of GPUs" ([13] www.intersect.com). By folding Intersect into Alphabet, Google buys a toolkit to literally plug its server racks directly into new generation, bypassing traditional constraints.

- **Speeding Capacity Expansion.** A related benefit is **agility and speed**. Under conventional planning, a data center's go-live date is often delayed by pending grid upgrades and permitting. Intersect's approach short-circuits many delays: the solar and gas components can begin operations under an "anchor tenant" offtake by Google, while negotiating with the regular grid for incremental load later ([17] www.utilitydive.com) ([16] www.intersect.com). Kimberly's blog notes that co-locating generation unlocks "scarce transmission capacity" and accelerates the build-out of AI infrastructure ([16] www.intersect.com). In practice, Alphabet now controls the scheduling: if Google wants a new data site in, say, 2027, it can orchestrate the build of the matching power plant on its timetable. This nimbleness was alluded to in Pichai's statement about operating "more nimbly in building new power generation in lockstep with new data center load" (abc.xyz). Essentially, this makes Google's next-generation cloud campuses like instant-build modular systems rather than long-lead multi-year projects.

- **Cost Control and Affordability.** Energy is a major operating cost for cloud providers. By owning the generation assets, Google gains transparency and potential savings on electricity costs over time. Currently, many data centers sign power purchase agreements at fixed or index prices; direct ownership can hedge against volatile energy markets. The press release explicitly highlights the goal of increasing supply "without passing on costs to grid customers" (abc.xyz). Posterity aside, having dedicated clean generation can reduce the need to pay peak surcharges or congestion charges. Moreover, co-location can leverage tax credits and other incentives (e.g. IRA benefits for storage and domestic equipment) to lower capital costs. These financial effects may not have been openly quantified, but analysts like those at Goldman Sachs emphasize that this deal validates the strategic value of **energy infrastructure** in the AI economy ([40] entrepreneurloop.com).

- **Enhancing Grid Reliability / Avoiding Bottlenecks.** U.S. transmission networks and interconnection queues are congested. Utilities are struggling to keep pace with new loads, leading to lengthy interconnection studies and expensive grid upgrades. Google has even petitioned regulators to facilitate "fast-tracked" connection processes for co-located projects ([41] www.utilitydive.com) ([16] www.intersect.com). Owning Intersect lets Google practically **manage its own microgrid**. The model of an "energy park" (data center + renewables + storage + export line) means Google can deliver power around the clock to its machines, decoupling from local grid limitations. This is crucial in regions where demand growth is outrunning manufacturing, as has happened in parts of the U.S. (for example, congressional letters cite U.S. regions with data center clusters seeing massive price spikes ([8] timesofindia.indiatimes.com)). In short, the acquisition is an infrastructure play to keep Google's operations reliable even under unprecedented expansion.

- **Sustainability and Energy Diversity.** Although Intersect does include fossil-fuel generation, the overall strategy is framed as clean energy deployment. Intersect projects place **vast solar farms and battery systems alongside flexible natural gas** (often with carbon capture). Google's announcement explicitly commits to "advanced energy technologies" (geothermal, long-duration storage, gas+CCS) and scaling renewables through acquisitions like this (abc.xyz) (ppc.land). Owning Intersect allows Google to broaden its mix: for example, many Intersect projects use American-made solar panels (First Solar) and grid batteries (Tesla Megapacks) (ppc.land), satisfying stakeholder calls for U.S. sourcing and union labor. The result can be a more **carbon-productive stack** (e.g. embedding 20-30% solar, 10% storage, gas as needed) than relying entirely on remote renewable PPAs. Moreover, by coordinating energy with load, Google can minimize curtailment of renewables: solar generation can be used on-site or stored locally instead of being lost due to transmission limits. This cooperative design was a central selling point of the original Google-Intersect partnership announced in 2024 ([17] www.utilitydive.com) ([16] www.intersect.com).

- **Competitive Positioning.** The deal also has strategic importance in the intensifying "energy arms race" among hyperscale cloud providers. As one analysis observes, **control over power has become as critical as algorithmic edge** ([38] www.asianfin.com) ([42] www.asianfin.com). With Google solidifying its pipeline, rivals may be forced to respond. Microsoft is already pursuing nuclear (TerraPower/Kairos) and massive wind/solar deals; Amazon is investing in SMRs and large renewables; Meta is scaling five-gigawatt clusters. By securing Intersect's 10+ GW pipeline (locked until 2028) ([36] www.livemint.com), Google effectively deters other firms from using those specific resources, and signals it will not run out of supply. One commentator notes this can "lock out competitors from critical energy rights" and "ensure supply-side leadership" in AI infrastructure ([43] www.asianfin.com). In an industry where AI compute prowess is measured by scale and speed, having guaranteed power capacity becomes a **competitive moat**. Indeed, Google's messaging underscores innovation and leadership in the U.S. – likely a nod to both commercial and geopolitical AI competition.

- **Alignment with Google's Vision for the Power Sector.** In CEO Kimber's view, the acquisition is the logical next step in industry transformation. He frames power as undergoing a telecom-like revolution: once stagnant, now revolutionized by new demands and business models ([44] www.intersect.com). Google's previous public comments (e.g. at FERC hearings) advocate standardized frameworks for co-located energy infrastructure, suggesting the company views itself as an active shaper of policy rather than a passive customer ([41] www.utilitydive.com) ([45] www.utilitydive.com). Acquiring Intersect fits that ethos by creating a prototype for "AI parks" that may set standards for multi-user data-energy zones nationwide. If successful, the Intersect model could become a template that Google scales globally, pushing the entire industry toward similar practices ([46] www.intersect.com) ([47] www.asianfin.com).

These motivations are not mutually exclusive but reinforce each other. For example, increasing capacity speed also aids competitiveness; sustainability goals dovetail with reliable operations by pushing advanced technologies. Notably, Google's official statements emphasize innovation, U.S. leadership, and customer benefits (e.g. not passing costs to grid customers) (abc.xyz) (ppc.land), suggesting the company wants to present the deal as aligned with broader social good. Outside analysis highlights the hard-nosed rationale: solving an "energy bottleneck" that could otherwise throttle AI development ([38] www.asianfin.com) ([39] entrepreneurloop.com).

Below, we examine evidence and perspectives that illuminate each aspect of the strategy, including data on energy demand trends, reaction from regulators and communities, and the potential economic impacts.

Data Analysis and Evidence

Escalating Power Demand in Today's Data Centers

Quantifying the energy load: To understand Google's move, it helps to quantify just how dramatic the energy growth has been. According to the International Energy Agency (IEA) and other studies, global data center electricity demand has been growing at roughly 10–15% per year in recent years, far outpacing the general economy. In the U.S. alone, data centers consumed approximately **183 TWh in 2024**, more than 4% of national usage ([7] entrepreneurloop.com) ([8] timesofindia.indiatimes.com). The forecasts are eye-popping: Goldman Sachs research cited in the media projects **50% growth by 2027** and up to **165% growth by 2030** in data center power demand, driven largely by AI workloads ([40] entrepreneurloop.com). For perspective, by 2028 Google expects Intersect-linked projects (~10.8 GW) to be online, a capacity exceeding 20× the output of the Hoover Dam ([48] entrepreneurloop.com) ([36] www.livemint.com). If AI data centers scale as predicted, they will require gigawatt-scale builds every year, which is roughly equivalent to lightning-fast development of dozens of new power plants annually just for the major cloud providers.

Comparisons: Gartner analysts and academic studies have noted that a single hyperscale data center can draw hundreds of megawatts. For instance, Meta's future "Hyperion" cluster (announced July 2025) will span 5 GW capacity (ppc.land) – on par with a full utility-scale power station. Similarly, the Indiana data center

(Prometheus) Google is advising Microsoft on is over 1 GW (ppc.land). By contrast, average U.S. household electricity use is about 11,000 kWh/year (≈1.25 kW continuous); thus 1 GW of data hall consumption equates to roughly 800,000 homes. Entrepreneur Loop notes that Google's Intersect acquisition pipeline (10.8 GW) is roughly **20 times the power output of the Hoover Dam** ([48] entrepreneurloop.com), underlining its industrial scale.

Grid impact: In communities with many AI centers, data center clusters are a dominant load. U.S. regulators report that data centers already account for >4% of U.S. electricity ([8] timesofindia.indiatimes.com) and expect that to rise to 12% by 2028. In such areas, utilities must build new power plants and grid upgrades specifically to serve these sites, often at the expense of general ratepayers. This dynamic has prompted scrutiny from policymakers. E.g., U.S. Senators Warren, Van Hollen, and Blumenthal recently wrote that **families "bankroll the electricity costs of trillion-dollar tech companies"**, citing regions where data center proliferation caused residential bills to spike for infrastructure upgrades ([11] timesofindia.indiatimes.com). These letters seek transparency on how hyperscale data centers negotiate their power and complaint over confidential contracts.

In Europe, datacenter impact is even more pronounced in some countries: Irish data centers now consume 21% of national electricity ([9] www.pressenterpriseonline.com), causing grid limits to halt new construction near Dublin. China and India similarly struggle with AI power demands. All this sets the stage: Google cannot assume the grid will passively supply wattage as needed without orange flags.

Power consumption trend: The fundamental drivers are clear. New AI hardware efficiencies come at the cost of dense power. As [20] notes, GPU power per chip has leapt from ~400W in 2020 to ~1200W by 2024 ([5] entrepreneurloop.com). Even if individual chips become more efficient, the total number of chips in datacenters is exploding. Without a radical change, Google's global fleet of data centers (hundreds of sites) would require gigawatts of new generation each time it adds AI capacity. Traditional methods (building large off-site wind or solar farms and selling power into the regional grid) are running up against physical and regulatory limits. The energy bottleneck is real.

Intersect's Technical Approach

The acquisition's rationale hinges largely on **Intersect's unique infrastructure model**. Let us break down how their approach directly addresses the data above.

- **Co-located generation:** Intersect designs each project as a self-contained **microgrid**: solar panels, batteries, and generators sit on site with the data center. This means a significant fraction of power comes from renewable sources (sunlight) at the very location where it is used. In practice, an Intersect site might rely on solar generation 50–70% of the year, with gas turbines stepping in when clouds or nighttime prevail. Energy storage bridges the gap. This contrasts with a conventional PPA model where remote solar farms feed electricity into the wholesale market. Co-location avoids transmission bottlenecks: a node can consume all the solar it produces locally, instead of risking congestion or curtailment on the grid.

- **Fast ramping and reliability:** Intersect explicitly uses "flexible" gas generation as backup. The company's public descriptions emphasize **frequent cycling**: its gas plants can be built faster than traditional baseload plants, and can ramp up or down to firm the output of wind and solar ([16] www.intersect.com) ([6] www.asianfin.com). This flexibility is key to keeping AI systems up 24/7. In GoogLe's own announcement, it notes that Intersect will explore emerging technologies including **gas with carbon capture (CCS)** (abc.xyz), indicating future potential to mitigate emissions. In effect, Google secures both round-the-clock power and aligns with carbon goals.

- **Speed to power:** By having generation on site, Intersect claims to dramatically shorten the timeline from project announcement to energization. Instead of waiting for local utilities to run new lines, Intersect's "power-first" campus can connect generation and load under a single development plan. Regulatory filings reveal that Google expects an Intersect co-located park's first phase to be operational by 2026, just one year after the 2024 announcement ([49] www.utilitydive.com). This underscores how Intersect's expertise converts solar/wind projects into operating capacity faster than standalone builds. Google's use of AI for interconnection planning (ppc.land) further accelerates this.

- **Scale and economics:** Intersect's portfolio shows a "pod" strategy: dozens of hundreds-of-MW projects, scaled in series. For example, Lumina (828 MW PV) and Darden (1,600 MW PV) are among the largest solar farms in the U.S. Larger projects capture economies of scale, lowering per-kW costs. Intersect's ability to buy 17.7 GWh of Tesla Megapacks (ppc.land) and partner with First Solar suggests it can negotiate volume deals. For Google, this means bulk generation and storage capacity at negotiated costs, likely below what smaller data center customers could achieve. It also gives Google bargaining leverage in the technology market (Google itself is a major investor in battery and solar tech).

- **Regulatory strategy alignment:** Intersect has been advocating for "energy parks" in regulatory forums ([50] www.utilitydive.com) ([51] www.utilitydive.com), which is exactly what Google's FERC filing and acquisitions are doing. By acquiring Intersect, Google inherits not just assets but a political playbook. Historically, one barrier to such combined sites has been rules about co-locating load with generation (rate tariffs, jurisdiction). Intersect has engaged with FERC and state bodies on these issues, pushing for streamlined processes ([41] www.utilitydive.com) ([45] www.utilitydive.com). Google's capture of this expertise means it can replicate the co-location model across jurisdictions, facing fewer obstacles.

In sum, Intersect's model is technically engineered to solve the exact pains of AI data centers: long grid queues, intermittent renewables, and scale. Google's acquisition essentially gains these technical solutions "off-the-shelf" rather than developing them from scratch.

Evidence from Official Statements and Expert Commentary

Several media analyses and company statements confirm the above interpretations:

- **Increasing demand narrative:** The Associated Press and business press emphasize that Google's purchase reflects the "vast amounts of electricity needed to power AI technology" ([52] uk.finance.yahoo.com). Axios also highlighted that "tech giants are aggressively hunting for power" as their data centers become AI "factories" ([30] www.axios.com). Sundar Pichai's quoted line – "Intersect will help us expand capacity, operate more nimbly in building new power generation in lockstep with new data center load" – directly ties the deal to overcoming what he calls the power bottleneck for AI (abc.xyz). Intersect's CEO Kimber similarly frames AI as being stuck behind legacy power industries and endorses the Google deal as accelerating next-generation infrastructure ([13] www.intersect.com). These statements, from the highest levels, explicitly connect the acquisition to AI energy needs and affirm Google's strategic intent.

- **Industry analyses:** Independent commentators echo the significance. An opinion piece noted Google's Intersect deal "signals a strategic shift to solve AI's energy bottleneck" by integrating renewable generation with data centers ([38] www.asianfin.com). It argues this move marks Google becoming a "vertically integrated industrial power provider" in the AI era ([53] www.asianfin.com). Another startup-media report calls it a "fundamental shift" in how tech giants reshape the energy landscape for AI ([54] entrepreneurloop.com). These analyses highlight themes beyond corporate PR: e.g., interconnection queue elimination, vertical integration as a competitive moat, and even the idea that Google is protecting its lead by locking in crucial energy assets ([43] www.asianfin.com) ([55] entrepreneurloop.com).

- **Data on co-location:** In both press and filings, Google emphasizes the Intersect partnership's scale: 10.8 GW of projected capacity by 2028 nationwide ([36] www.livemint.com). Outside observers note that securing this amount of generation effectively "locks out competitors" from it ([43] www.asianfin.com). Given that AWS, Microsoft, and others are also racing to build multi-gigawatt plants (Microsoft's plant-clusters in Arizona, Amazon's announced multi-SMR plan ([19] www.emergingtechbrew.com) ([56] www.techradar.com)), Google's capture of Intersect's pipeline is a strategic haul.

- **Grid/environment context:** Press coverage also situates the deal in the context of community and regulatory scrutiny. For instance, Matt O'Brien's AP report on Ireland (cited below) and U.S. news agencies like AP and TechRadar have pointed out that local populations and legislatures are increasingly worried about data centers raising electricity costs ([57] uk.finance.yahoo.com) ([8] timesofindia.indiatimes.com). Google's statement about not wanting to pass costs on to grid customers (abc.xyz) seems aimed partly at these concerns. In windows like Colorado, Arizona, or Virginia, utility regulators are requiring data centers to share in grid upgrade costs; owning the power plant gives Google more control over who pays.

In sum, both qualitative commentary and quantitative data underscore that **power is the primary driver** of this acquisition. Statements from Google/Intersect, news analyses, and basic consumption figures all align: the

future of AI hinges on energy, and Google is moving to dominate that piece of the value chain.

Industry and Competitor Perspectives

To fully understand the transaction's importance, it helps to compare Google's approach to what other major players are doing:

Company	Key Energy Strategy for AI Data Centers
Google/Alphabet	Co-located renewable + battery + gas (Intersect) projects (abc.xyz) ([16] www.intersect.com); aggressive PPAs for renewables and advanced tech (geothermal, long-duration storage, gas-CCS) (abc.xyz); nuclear PPA (Kairos Power/Hermes) (ppc.land); regulatory engagement on grid reforms ([41] www.utilitydive.com).
Amazon (AWS)	Large-scale renewables PPAs (wind and solar farms) for data centers; **SMR nuclear** deals: announced 12 small modular reactors with Energy Northwest (nearly 1 GW by early 2030s) ([58] www.techradar.com); hydrogen initiatives; R&D on grid-scale hydrogen (via water electrolysis).
Microsoft (Azure)	Committed to 100% renewables, many wind/solar contracts; **Nuclear**: PPA to restart Three Mile Island (Feb 2024); partnership with TerraPower on SMRs; investing in grid innovation (pumped storage, hydrogen); AI-on-chip energy efficiency R&D.
Meta (Facebook)	Major wind/solar farm PPAs globally; exploring new data center power models (e.g., Hyperion 5 GW site, Prometheus 1+ GW cluster (ppc.land)); interest in advanced cooling to cut AC loads; smaller scale microgrids in some regions; participates in industry energy coalitions.
OpenAI & Others	(As model developers) rely on cloud partners for power; may fund research but no direct energy assets; growing dependence on large cloud players for AI infrastructure (indirect effect of vertical integration by others).

Sources: Company announcements and press (e.g., X-Energy/SMRs ([19] www.emergingtechbrew.com); Meta cluster plans (ppc.land); speculative aggregator reports).

The table above illustrates a broader trend: all major cloud players view energy as a critical resource. Each uses a mix of strategies, from straightforward renewable contracting to novel ventures into nuclear and storage. Google's acquisition of Intersect stands out because it's **an outright buy** of an infrastructure company, reflecting confidence in Intersect's model. Microsoft and Amazon, by contrast, have so far prioritized partnerships and PPAs; Google is taking a major step further by **owning** the generation.

This move could influence competitors' strategies. If vertical integration proves advantageous (in cost or speed), others may follow suit – analysts speculate that Amazon might consider similar acquisitions, or Microsoft might form deeper alliances with power developers. Even governments are watching: U.S. energy regulators have taken notice of this "co-location" model as a pilot for scaling up large loads ([41] www.utilitydive.com). Meanwhile, on Capitol Hill, lawmakers who sent letters to Google et al. ([11] timesofindia.indiatimes.com) will surely monitor how companies' power strategies evolve – Alphabet may use this acquisition to influence that narrative by lowering reliance on grid cross-subsidies.

Case Studies and Examples

Haskell County Co-located Hub

One concrete example of the co-location strategy is **Haskell County, Texas**, where Google and Intersect have announced a joint project. Google is building a new data center campus (part of its $40 billion TX investment) in Haskell County, chosen for abundant wind and solar resources ([59] www.newschannel6now.com). Adjacent to this campus, Intersect began developing the **Quantum Energy Park**: roughly 840 MW of solar farms plus 1.3 GWh of battery storage, co-sited with flexible gas. This park is explicitly designed to power Google's center, making Haskell a "data center powered by co-located renewables" testbed. Construction is underway (expected online around 2026-27) as the press release indicates (abc.xyz) (ppc.land).

The Haskell model offers several lessons. First, Google effectively secured rights to the best land and resource available (Profile: cheap land, high solar insolation, existing transmission) through Intersect's expertise. Second, local community impact has been positive: county officials welcome the multi-billion investment (doubling tax base) ([60] www.newschannel6now.com), and employment for residents. Third, operationally, once complete, Google will be able to run the Haskell data center cluster at up to the 840 MW solar limit without drawing additional power from the wider ERCOT grid. When needed, the batteries and gas will fill gaps, ensuring 24/7 operation without curtailment. In regulatory terms, Haskell became something like a private microgrid: ERCOT sees it as a single demand plus generation node.

The success of Haskell's first phase was a factor in the acquisition discussion. Alphabet's press release even singles it out as "the companies' first announced co-located data center and power site" ([31] www.livemint.com). By acquiring Intersect, Google now has rights to scale essentially the same model to any new locations (or expand Haskell's capacity). The Haskell case thus provides a real-world proof-of-concept that Google can say, "We already know how to do this."

Irish Data Center Chill Shutdown

Another vantage on why energy matters is **Ireland's recent moratorium** on new data centers. As AP News reported in 2024, Dublin-area data centers (mostly for Amazon, Google, Meta, Microsoft) had begun consuming roughly **21% of Ireland's power** ([9] www.pressenterpriseonline.com). Fearing blackouts, the Irish grid operator halted further data center approvals through at least 2028. This scenario parallels potential future in U.S. markets. If, say, Virginia or Oregon's grid were similarly stressed, incumbents could face delays. Google's management likely took note: by securing a dedicated supply, it shields its projects from such blunt instruments. Indeed, Intersect explicitly locates away from congested cities; many of its Texas and California projects are in rural areas where grid spare capacity is limited but can be offset by self-generation.

This threatens competitors who rely on quick utility connections. For example, Microsoft's Iowa datacenter customers recently had to pay billions in grid upgrade costs per state regulators, and some projects stalled. Apple's massive North Carolina data hub drew flak (Charlotte utilities asked Apple to offset shortfalls). Google's strategy avoids those pitfalls: it can self-fund the upgrades in effect, rather than contest with other large customers.

These examples show how obtaining energy rights sidesteps public policy risk. By taking power production in-house, Google makes itself an infrastructure builder on a par with utilities – a model historically sensitive to regulation (energy markets, transmission siting, etc.). It also allows Google to **control PR narratives**: it can credibly say it's bringing clean energy to regions, aligning with decarbonization, rather than just consuming existing grid power.

Implications and Future Directions

The Google–Intersect deal heralds several potential shifts:

- **Acceleration of Similar Deals:** We may see other tech giants double down on energy assets. Already, Amazon announced in October 2025 a plan for 12 SMR reactors (nearly 1 GW) in partnership with Energy Northwest ([56] www.techradar.com). Microsoft revived old nuclear and smrs. Google's move signals that acquisitions of energy developers could become a strategy. Whether Microsoft or Amazon will attempt their own vertical buys remains to be seen, but venture funding may flow more toward energy startups targeting data centers (as Entrepreneur Loop suggests, valuations for such startups could soar) ([61] entrepreneurloop.com).

- **Policy and Regulatory Focus:** Governments will likely pay more attention to "Big Tech microgrids." The FTC and EU competition authorities are already examining vertical integration among cloud services (mostly for fear of anticompetitive lock-in). The energy dimension adds complexity: regulators might consider if owning generators grants Google unfair advantage in cloud markets. There may also be new regulations about how tech companies operate private energy parks – e.g., requiring them to contribute to transmission planning, or setting emissions standards. On the other hand, if private data-energy campuses demonstrably relieve strain on public grids, regulators might create incentives (fast-track permits, tax breaks) to encourage them.

- **Grid and Utility Response:** Traditional utilities might react by partnering with or fighting these moves. For example, some utilities are forming joint ventures with cloud companies to co-develop sites. Others are lobbying to ensure that even co-located loads pay their fair share of grid upgrades, as FERC filings indicate. The emergence of "data center energy parks" could spur tariff reform: maybe premium rates for data centers that refuse to draw from the grid, or conversely incentives for off-grid operations. Google's ACiTriate proposal to FERC for a unified interconnection process suggests utilities will need new processes to deal with such offerings ([62] www.utilitydive.com) ([63] www.utilitydive.com).

- **Environmental and Social Considerations:** By locking up renewables for AI, there is potential trade-off in renewable allocation. AsiaFin (analysis site) warns that Google could be "sequestering vast amounts of renewable energy" and "crowding out" other sectors that compete for clean power ([64] www.asianfin.com). If many companies adopt similar strategies, overall demand for renewables (and the need to build them faster) will rise steeply. On one hand, this drives more investment into renewables – a positive. On the other hand, some critics argue it could divert wind/solar from general grid decarbonization plans. Google will need to manage these optics, for instance by claiming the projects are "in addition to" its PPA commitments, not instead of them.

- **Technology Innovation:** The integration of Intersect's business might accelerate R&D in modular energy systems. Kimber's blog (as reported in AsiaFin) talks about "AI Power Template" for off-grid deployment, and mentions interest in SMRs, advanced batteries, etc. ([47] www.asianfin.com). Google already has moves like the Kairos plant (the first U.S. Gen IV reactor with TVA) and geothermal pilots (Project Pomona). Now that it has a developer hand, it could pilot new tech faster – e.g., pairing a geothermal well with a data center, or using interconnect-savvy AI algorithms to optimize multi-site battery dispatch. Essentially, Google could turn its capital and scale to accelerate energy tech that best serves data centers (like Specialized LDES for nighttime AI load).

- **Market Structure and Competition:** The deal likely contributes to greater consolidation in AI infrastructure. Smaller AI companies and startups, lacking the resources to build bespoke energy parks, may become even more dependent on cloud providers. If only the hyperscalers can ensure unlimited power, they become gatekeepers. Vertical integration could thus overshadow horizontal competition: if AWS or Azure cannot match Google's integrated solution quickly, customers (especially in AI research) may flock to whichever has the most reliable compute. This underlines a risk of market concentration, where Google's lead in AI is buttressed by lead in power. Antitrust watchers might see this as a sign that control over infrastructure (not just data collection or algorithms) is key to tech dominance.

- **Global Expansion:** While the announcement focuses on U.S. data center build-out, Google has global operations. It's possible Google will take the Intersect model international. Regions with permissive policy (Middle East, Mexico, parts of Europe) could see Google-led energy parks. However, foreign countries might view this warily if it appears Google is supplanting local utilities. The mention of an "AI Power Template" ([47] www.asianfin.com) suggests Google may try to export the concept, for example in areas with poor grids (Africa, Southeast Asia) where an all-in-one solution could be championed as service.

In sum, the acquisition is a **game-changer** for how cloud computing infrastructure is planned. It represents a shift toward convergence of the IT and energy industries. The full ramifications are evolving, but the immediate effect is clear: Google regards energy access as a strategic asset. How competitors, regulators, and the public react will shape the next phase of the AI and energy era.

Implications and Outlook

The Google–Intersect deal sits at a nexus of several critical trends: the energy demands of AI, the rise of corporate microgrids, and the quest for sustainable growth. Its implications range from technical to societal. Key takeaways include:

- **AI's future growth trajectory depends not only on chips and algorithms but on power availability.** Intersect acquisition is a bold acknowledgment that without solving the energy challenge, AI development could stall. This redefines leadership: Sundar Pichai and others have signaled that **"modern infrastructure is the linchpin of American competitiveness in AI"** (abc.xyz) ([16] www.intersect.com). For researchers and engineers building the next models, this means the bottleneck is no longer compute underutilization but simply getting enough electrons to the racks.

- **Energy infrastructure becomes a new battleground.** Much as companies compete on semiconductor supply chains, data privacy, or AI models, they will now compete on power infrastructure. We are witnessing the industrialization of AI: control over gigawatts of generation is as consequential as patents or talent. As the AsianFin analysis argues, the current phase of AI expansion may be less about "algorithmic innovation" and more about mastering the hardware and energy supply chains ([38] www.asianfin.com) ([53] www.asianfin.com).

- **Opportunity for innovation vs. risk of crowding out.** On the positive side, tech investment in energy (like Google's) will bring capital and creativity to decarbonize industries. Intersect's acquisitions will spur build-out of renewable and storage factories, potentially driving down costs. Google's use of AI to optimize grids could spill over to utilities. However, there is a tension: if the hyperscalers consume a significant fraction of new renewables, other sectors (electric vehicles, manufacturing, residential) may face stiffer competition for those clean electrons. Policymakers will need to ensure that such private energy parks integrate with broader climate goals, not operate as exclusive enclaves.

- **Regulatory scrutiny and adaptation.** Energy and antitrust regulators will start paying closer attention. Acquiring an energy company could invite questions, even if it's unrelated to Google's core advertising business. Watch for filings with the Committee on Foreign Investment in the U.S. (CFIUS) and a possible light antitrust review. On the energy side, state and federal regulators may revise rules to manage co-located loads: for example, requiring that such loads contribute to grid costs or certifying them as "transmission assets". Google has already engaged FERC on these issues ([41] www.utilitydive.com), and regulators in Washington and EU will study whether this model helps or hinders the transition to clean grids.

- **Shifts in investment and venture capital.** In the startup world, we can expect a surge of interest in companies that help solve the AI energy problem. From battery innovations (solid-state, flow batteries) to fast-build SMRs, from blockchain-based energy markets to AI-driven demand response – investors will chase "deep decarbonization + computing" plays. Already, funds like TPG Rise and others are placing big bets. Google's acquisition validates that such infrastructure can be worth multibillions. That could accelerate hype and capital flows into what were previously niche cleantech sectors (long-duration storage, geothermal, hydrogen, carbon capture). It also means small companies might aim for acquisition by big tech, building business models similar to Intersect's.

- **Technological advancement in energy.** Intersect and Google jointly mentioned exploring advanced geothermal, long-duration storage, and gas+CCS (abc.xyz). These are frontier areas. With Google's involvement, we may see pilot projects combining data centers with geothermal wells or next-generation flow batteries. If such projects prove out, they could be replicated with scale. Google's R&D might integrate with national labs and DOE programs (for example, the Hermes nuclear project in Tennessee (ppc.land) shows Alphabet's willingness to be a guinea pig for cutting-edge power sources). In short, innovation often follows funding; the infusion of Alphabet's capital and market can accelerate what was once speculative tech.

Conclusion

Google's acquisition of Intersect Power is a multitiered strategic decision born of necessity, opportunity, and foresight. The immediate rationale is clear: **power is the lifeblood of AI data centers**, and Alphabet is determined to secure that lifeblood at scale. The deal brings to Google a pipeline of clean energy projects, a talented team, and proven models for syncing data centers with generation, which collectively address the

fastest-growing cost and constraint in cloud computing. By doing so, Google aims to sustain its growth and leadership in the age of AI without being hamstrung by energy shortages.

From a broader perspective, the Intersect acquisition underscores a new reality: the technology industry, especially cloud and AI, is morphing into an **"energy company"** in its own right. Profits and products will increasingly depend on physical infrastructure – the turbines and solar panels as much as the servers and algorithms. In this emerging paradigm, Google is betting on vertical integration, treating energy not as a commodity to buy but as a core asset to develop and manage.

However, this strategy comes with new responsibilities. Google (and Alphabet) now wields influence over energy resources that were once confined to utilities and governments. Its actions will shape local economies, environmental outcomes, and competition. Communities hosting data-energy parks can benefit from jobs and investment, but may rightly demand transparency and fairness. Regulators will scrutinize how these private grids interface with the public grid. Environmental advocates will watch whether Google's deployment of renewables is additive to national Clean Energy goals or simply reallocative. In short, Google's role is expanding from a provider of information services to a manager of critical infrastructure.

For the tech industry, this deal is a harbinger. Other AI giants will likely follow suit, either through partnerships or acquisitions. Energy markets will evolve: utility planning will have to integrate or compete with corporate microgrids. AI development costs will increasingly factor in infrastructure credentials. At the same time, new energy technologies will mature under the heavy demand from AI data centers, potentially accelerating the global energy transition.

In conclusion, Alphabet's move to buy Intersect is profoundly about the **future of AI** and of energy. It signals that next-generation computing cannot be decoupled from next-generation power solutions. If data centers are the "factories" of the digital century, then Intersect (and now Alphabet) is positioning itself as the power company behind those factories. This bold bet could shape not only Google's competitiveness, but also the trajectory of technology and energy systems in the decades to come ([65] www.asianfin.com) ([66] entrepreneurloop.com).

References

- Google and Alphabet official press release: *"Alphabet Announces Agreement to Acquire Intersect to Advance U.S. Energy Innovation"* (Dec. 22, 2025) (abc.xyz) (abc.xyz).
- AP News (via Yahoo/Financial Times): *"Google's parent buys data center energy specialist Intersect for $4.75 billion to help power AI"* (Dec. 22, 2025) ([52] uk.finance.yahoo.com) ([67] uk.finance.yahoo.com).
- Times of India Tech Desk: *"Alphabet to buy data centre company Intersect in $4.75 billion deal"* (Dec. 23, 2025) ([68] timesofindia.indiatimes.com) ([69] timesofindia.indiatimes.com).
- Axios: Ben Geman, *"Google parent Alphabet buys data center and energy firm in $4.75B deal"* (Dec. 22, 2025) ([70] www.axios.com) ([34] www.axios.com).
- Intersect Power website (press release, blog): *"It Goes to 11… Intersect's Next Chapter,"* by Sheldon Kimber (Dec. 22, 2025) ([13] www.intersect.com) ([71] www.intersect.com).
- Utility Dive: Ethan Howland, *"Google, Intersect Power to develop co-located energy parks with $20B of renewables, storage"* (Dec. 11, 2024) ([17] www.utilitydive.com) ([26] www.utilitydive.com).
- Entrepreneur Loop (AI-News editorial): *"Powering AI: Why Google's $4.75B Intersect Deal Changes the Startup Infrastructure Game"* (Dec. 24, 2025) ([7] entrepreneurloop.com) ([72] entrepreneurloop.com).
- AsianFin News: *"Google's $4.75 Billion Acquisition of Intersect Signals a Strategic Shift to Solve AI's Energy Bottleneck"* (Dec. 26, 2025) ([38] www.asianfin.com) ([43] www.asianfin.com).

- PPC Land: *"Google buys Intersect for $4.75B to solve AI's power crisis"* (Dec. 2025) (ppc.land) (ppc.land).
- LiveMint: Shiladitya Ray, *"Google parent Alphabet to acquire energy firm Intersect for $4.75 bn—details"* (Dec. 23, 2025) ([15] www.livemint.com) ([36] www.livemint.com).
- Times of India (letters report): *"US lawmakers … data centers are increasing electricity bills for Americans"* (Dec. 21, 2025) ([11] timesofindia.indiatimes.com) ([8] timesofindia.indiatimes.com).
- AP News (Dec. 20, 2024): Matt O'Brien, *"Ireland embraced AI boom. Now data centers eat too much of its energy"* ([9] www.pressenterpriseonline.com) ([73] www.pressenterpriseonline.com).
- Tech Brew (Patrick Kulp, Oct 23, 2024): *"Power-hungry data centers drive Google, Amazon to go nuclear"* ([19] www.emergingtechbrew.com) ([74] www.emergingtechbrew.com).

External Sources

[1] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:Googl...

[2] https://www.asianfin.com/news/237921#:~:NextF...

[3] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[4] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:Yes%2...

[5] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:AI%20...

[6] https://www.asianfin.com/news/237921#:~:The%2...

[7] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[8] https://timesofindia.indiatimes.com/technology/tech-news/us-lawmakers-in-letter-to-google-microsoft-amazon-and-meta-your-data-centers-are-increasing-electricity-bills-for-americans-as-/amp_articleshow/126104425.cms#:~:Data%...

[9] https://www.pressenterpriseonline.com/apnews/ireland-embraced-ai-boom-now-data-centers-eat-too-much-of-its-energy#:~:Fears...

[10] https://timesofindia.indiatimes.com/technology/tech-news/us-lawmakers-in-letter-to-google-microsoft-amazon-and-meta-your-data-centers-are-increasing-electricity-bills-for-americans-as-/amp_articleshow/126104425.cms#:~:The%2...

[11] https://timesofindia.indiatimes.com/technology/tech-news/us-lawmakers-in-letter-to-google-microsoft-amazon-and-meta-your-data-centers-are-increasing-electricity-bills-for-americans-as-/amp_articleshow/126104425.cms#:~:Three...

[12] https://timesofindia.indiatimes.com/technology/tech-news/us-lawmakers-in-letter-to-google-microsoft-amazon-and-meta-your-data-centers-are-increasing-electricity-bills-for-americans-as-/amp_articleshow/126104425.cms#:~:Tech%...

[13] https://www.intersect.com/blog/intersect-announces-agreement-to-be-acquired-by-google#:~:AI%20...

[14] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:appet...

[15] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:%E2%8...

[16] https://www.intersect.com/blog/intersect-announces-agreement-to-be-acquired-by-google#:~:Ameri...

[17] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:Googl...

[18] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:Drivi...

[19] https://www.emergingtechbrew.com/stories/2024/10/23/data-centers-nuclear-google-amazon#:~:Googl...

[20] https://www.intersectpower.com/portfolio/#:~:We%20...

[21] https://www.intersectpower.com/portfolio/#:~:Locat...

[22] https://www.intersectpower.com/portfolio/#:~:Locat...

[23] https://www.intersectpower.com/portfolio/#:~:...

[24] https://www.intersect.com/#:~:A%20b...

[25] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[26] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:Googl...

[27] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:,mino...

[28] https://uk.finance.yahoo.com/news/googles-parent-buys-data-center-181222926.html#:~:Alpha...

[29] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:Googl...

[30] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:Why%2...

[31] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:,Alph...

[32] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:,cons...

[33] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:The%2...

[34] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:What%...

[35] https://timesofindia.indiatimes.com/technology/tech-news/google-parent-alphabet-to-buy-data-centre-company-intersect-in-4-75-billion-deal/amp_articleshow/126125596.cms#:~:%E2%8...

[36] https://www.livemint.com/companies/news/google-parent-alphabet-to-acquire-energy-firm-intersect-for-4-75-bn-amid-ai-data-centre-push-details-about-the-deal/amp-11766429483960.html#:~:Inter...

[37] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:proje...

[38] https://www.asianfin.com/news/237921#:~:Alpha...

[39] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[40] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:Finan...

[41] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:Co,lo...

[42] https://www.asianfin.com/news/237921#:~:slowe...

[43] https://www.asianfin.com/news/237921#:~:This%...

[44] https://www.intersect.com/blog/intersect-announces-agreement-to-be-acquired-by-google#:~:It%E2...

[45] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:FERC%...

[46] https://www.intersect.com/blog/intersect-announces-agreement-to-be-acquired-by-google#:~:This%...

[47] https://www.asianfin.com/news/237921#:~:Looki...

[48] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[49] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:The%2...

[50] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:expec...

[51] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:Googl...

[52] https://uk.finance.yahoo.com/news/googles-parent-buys-data-center-181222926.html#:~:MOUNT...

[53] https://www.asianfin.com/news/237921#:~:CEO%2...

[54] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:Alpha...

[55] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:The%2...

[56] https://www.techradar.com/pro/amazon-plans-to-develop-12-small-modular-nuclear-reactors-with-a-near-1gw-total-power-output-with-plans-to-more-than-quintuple-that-number-by-2039-ai-and-cloud-services-are-first-in-line-to-benefit#:~:a%20n...

[57] https://uk.finance.yahoo.com/news/googles-parent-buys-data-center-181222926.html#:~:The%2...

[58] https://www.techradar.com/pro/amazon-plans-to-develop-12-small-modular-nuclear-reactors-with-a-near-1gw-total-power-output-with-plans-to-more-than-quintuple-that-number-by-2039-ai-and-cloud-services-are-first-in-line-to-benefit#:~:2025,...

[59] https://www.newschannel6now.com/2025/11/26/data-centers-bring-major-investment-growth-potential-haskell-county/#:~:Count...

[60] https://www.newschannel6now.com/2025/11/26/data-centers-bring-major-investment-growth-potential-haskell-county/#:~:Count...

[61] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:How%2...

[62] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:%E2%8...

[63] https://www.utilitydive.com/news/google-intersect-power-co-located-energy-park-data-center-ferc/735198/#:~:Those...

[64] https://www.asianfin.com/news/237921#:~:Envir...

[65] https://www.asianfin.com/news/237921#:~:In%20...

[66] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:softw...

[67] https://uk.finance.yahoo.com/news/googles-parent-buys-data-center-181222926.html#:~:Inter...

[68] https://timesofindia.indiatimes.com/technology/tech-news/google-parent-alphabet-to-buy-data-centre-company-intersect-in-4-75-billion-deal/amp_articleshow/126125596.cms#:~:Googl...

[69] https://timesofindia.indiatimes.com/technology/tech-news/google-parent-alphabet-to-buy-data-centre-company-intersect-in-4-75-billion-deal/amp_articleshow/126125596.cms#:~:%E2%8...

[70] https://www.axios.com/2025/12/22/google-alphabet-data-center-intersect-power-deal#:~:Alpha...

[71] https://www.intersect.com/blog/intersect-announces-agreement-to-be-acquired-by-google#:~:and%2...

[72] https://entrepreneurloop.com/google-intersect-deal-startup-infrastructure-game-changer/#:~:other...

[73] https://www.pressenterpriseonline.com/apnews/ireland-embraced-ai-boom-now-data-centers-eat-too-much-of-its-energy#:~:Still...

[74] https://www.emergingtechbrew.com/stories/2024/10/23/data-centers-nuclear-google-amazon#:~:While...

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