



# DIGI POWER X COMPANY PROFILE

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Digi Power X is building the backbone of digital infrastructure – from Bitcoin mining to AI-powered data centers.



2026

Nasdaq: DGXX  
[www.digipowerx.com](http://www.digipowerx.com)

# About Our Company

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Digi Power X (formerly Digihost Technology) is a publicly traded energy infrastructure and digital computing company listed on **NASDAQ: DGHI** and **TSXV: DGHI**. The company focuses on **owning and operating power generation assets** while leveraging them to supply **low-cost, reliable energy** for Tier 1 Bitcoin mining colocation and Tier 3 High-Performance Computing (HPC) data centers.

With a strategy built on **vertical integration of energy and computing infrastructure**, Digi Power X is uniquely positioned at the intersection of **blockchain, AI, and sustainable energy markets**.

## Key Facts (as of January 2025)

- **Market Capitalization:** USD **\$44.55 million**
- **Stock Price (Jan 14, 2025):** USD **\$1.59**
- **Shares Outstanding:** 29.9 million (FD ~36.4 million)
- **Cash & Equivalents (Sep 30, 2024):** USD **\$8.33 million**
- **Long-Term Debt:** None
- **Insider Ownership:** 22.1%

## Core Strengths

- **Energy Advantage:** Operates a **wholly-owned combined cycle natural gas power plant** in North Tonawanda, NY, with PSC & FERC approval.
- **Revenue Diversification:** Generates revenue from **colocation hosting, power sales, and self-mining**.
- **Scalable Hashrate:** Current **2.2 EH/s**, expandable to **9.0 EH/s** with additional load capacity.
- **Growth Focused:** Pivoting into Tier 3 data centers to capture **AI/HPC demand** while maintaining a strong Bitcoin mining footprint.



# Leadership Team

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Digi Power X's leadership brings together decades of experience in energy management, finance, data center operations, and digital infrastructure.

Their combined expertise supports the company's transformation from **digital mining** to a **clean-powered AI and HPC data center operator**.

## **Board of Directors**

### **Michel Amar | Founder, Chairman & CEO**

Michel Amar is a French-American businessman and entrepreneur known for his success in innovative technology, such as blockchain and electronics, as well as developing branded fashion. With a Bachelor's degree in accounting and business management, Michel has worked and consulted with some of the most famous international brands, playing a vital role in their profitability and continued relevance. In 2019, Michel partnered with Brookstone, a novelty retailer, in developing exclusive, technologically advanced products for their consumer electronics market.

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### **Alec Amar | Director**

Alec Amar is an entrepreneur who has achieved success in both product development and licensing, as well as blockchain solutions. After graduating from the University of Southern California, with a degree in economics and digital entrepreneurship, Alec devised and headed a blockchain operation, building out highly efficient and productive mining facilities. In addition to blockchain success, Alec's product licensing company, MAT, a versatile R&D incubator, has partnered with notable brands such as Brookstone, in developing innovative electronics. As one of the sole licensees of Brookstone, Alec is actively curating a collection of intelligent, proprietary consumer electronics.

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### **Adam S. Rossman | Director**

Mr. Rossman is a business and real estate attorney. He has been a member of the California Bar since 1995. Mr. Rossman has handled transactions throughout the United States relating to commercial real estate and trademark licensing. Mr. Rossman maintains offices in Beverly Hills, CA. Mr. Rossman received his JD from Loyola Law School, Los Angeles in 1994, a MA in Rhetoric in 1990 and a BA in Rhetoric in 1988 both from University of California at Berkeley.

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**Gerard Rotonda | Director**

Mr. Rotonda was the Chief Financial Officer and Executive Committee Member for Deutsche Bank Wealth, Management Americas from 2011 through 2018. Mr. Rotonda has over 30 years of experience in business development and financial analysis, most recently as Co-Founder and Partner at MMR Development, a real estate company which develops or repositions office, residential and hotel properties. Mr. Rotonda has also been Senior Business Leader and Director Strategy and Planning at MasterCard Incorporated, Director Strategic Planning at Credit Suisse Group, and Vice President Investment Finance and Structured Lending at Citigroup. Mr. Rotonda holds a BSBA in Accounting and MBA from Boston University.

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**Denis Elsenbeck | Director**

Mr. Elsenbeck is Head of Energy and Sustainability at Phillips Lytle LLP and Sole Proprietor of ElsEnergy LLC, providing consulting services across the energy sector. With nearly 30 years in leadership at a major U.S. utility and recent experience as President and Chief Sustainability Officer at battery storage start-up Viridi Parente, he offers deep insight into energy policy, economics, and sustainability.

He advises clients on due diligence, regulatory compliance, and energy transactions; represents them in Public Service Commission proceedings; and supports energy procurement, cost reduction strategies, and incentive reviews. His expertise includes integrated resource planning and identifying commercial and technical opportunities in evolving energy markets.

Mr. Elsenbeck is a Member of the Development Group Aion 1901 LLC and HM 1901 LLC, which promote economic revitalization and green infrastructure in disadvantaged communities. As a Member of New York's Climate Action Council, he helps shape the Scoping Plan for the state's Climate Leadership and Community Protection Act, focusing on sustainability and consumer impacts. He also contributes to workforce and economic development as Board Chair of the Northland Workforce Training Center, Board Member of the Buffalo Urban Development Corporation, and Dean's Council Member at the University at Buffalo's School of Engineering.

Mr. Elsenbeck holds a Bachelor's in Industrial Engineering Technology, an MBA, and a Master's in Engineering. Recognized nationally as an energy expert, he is a sought-after lecturer on energy policy, sustainability, and the "utility of the future."

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## Executive Leadership

Name	Position	Background & Key Expertise	Highlights
Michel Amar	Founder, Chairman & CEO	Over 20 years in finance and infrastructure. Previously led multiple technology and energy ventures. Instrumental in transitioning Digi Power X from digital asset mining to clean energy and HPC.	<ul style="list-style-type: none"> <li>• Strategic leadership</li> <li>• Capital markets</li> <li>• Infrastructure scaling</li> </ul>
Gerald Arkeveld	Chief Operating Officer (COO)	Formerly with large-scale infrastructure and energy projects across North America. Leads operational execution and project delivery.	<ul style="list-style-type: none"> <li>• Data center operations</li> <li>• Energy deployment</li> <li>• Process optimization</li> </ul>
Ramy Badawy	Chief Financial Officer (CFO)	Financial professional with experience in corporate finance, compliance, and M&A in technology and energy sectors.	<ul style="list-style-type: none"> <li>• Financial strategy</li> <li>• Compliance</li> <li>• Corporate governance</li> </ul>
John Butler	Chief Technology Officer (CTO)	Oversees Tier 3 data center design and power systems integration. Former systems engineer with deep experience in AI computing infrastructure.	<ul style="list-style-type: none"> <li>• Power infrastructure</li> <li>• HPC technology</li> <li>• Systems architecture</li> </ul>
Joshua Feeley	VP, Business Development	Specializes in strategic partnerships and project development. Manages institutional relationships and energy collaboration deals.	<ul style="list-style-type: none"> <li>• Partnership development</li> <li>• Energy markets</li> <li>• Growth strategy</li> </ul>






# Investment Highlights

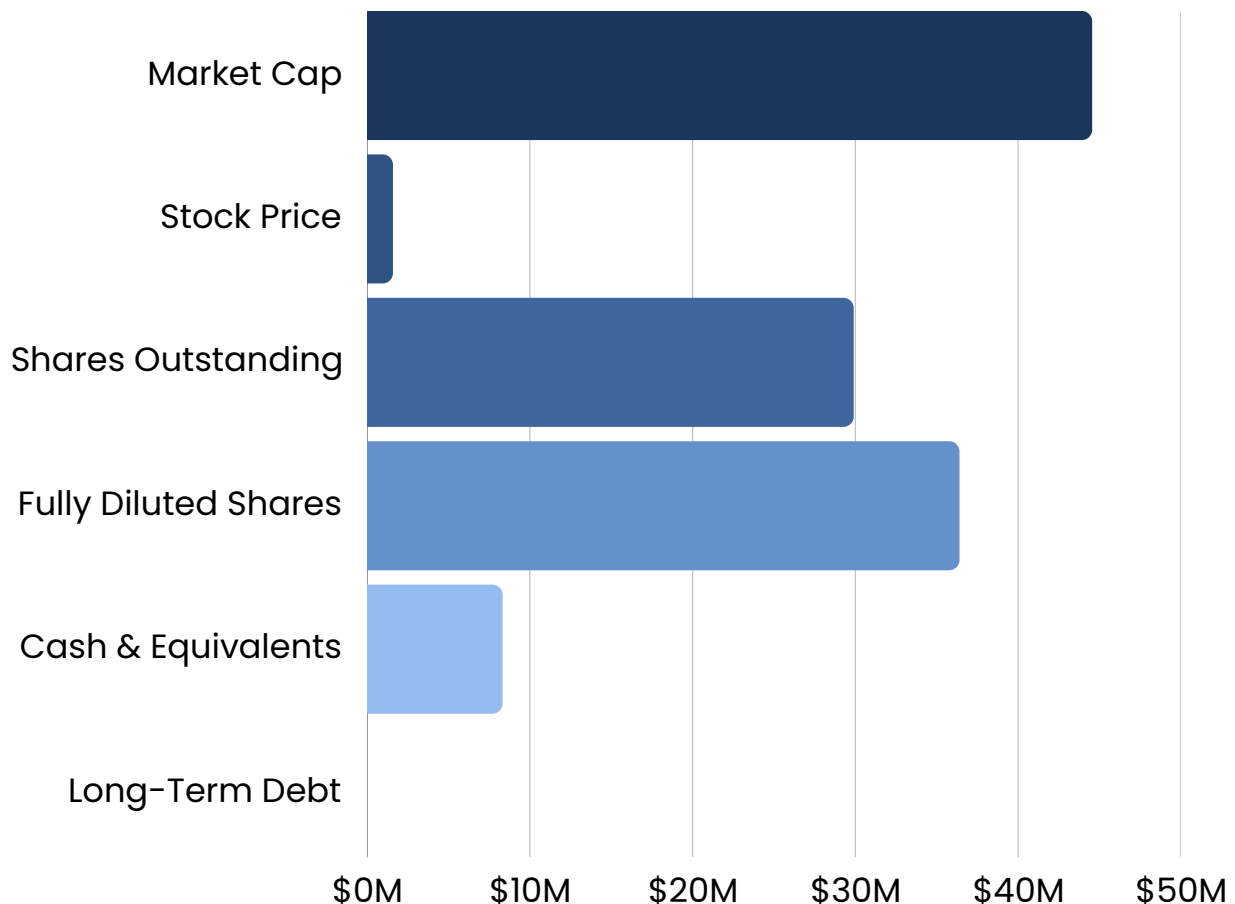
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## Why Digi Power X?

Digi Power X is strategically positioned at the convergence of **energy infrastructure, Bitcoin mining, and high-performance computing (HPC)**. Its integrated business model delivers **predictable revenue, scalable growth, and a clear transition to next-generation data centers**.

## Key Investment Drivers

-  **Stable Revenues** – long-term colocation deals with U.S.-listed miners.
-  **Diversified Streams** – power sales, colocation hosting, self-mining.
-  **Scalable Assets** – 2.2 EH/s → 9.0 EH/s; ~100 MW → ~220 MW by FY26.
-  **Strong Balance Sheet** – \$8.33M cash, no debt, 22.1% insider ownership.
-  **Future Growth** – Tier 3 HPC data centers + SMR nuclear initiative (Nano Nuclear Energy MOU).



# Company History & NTM Plans

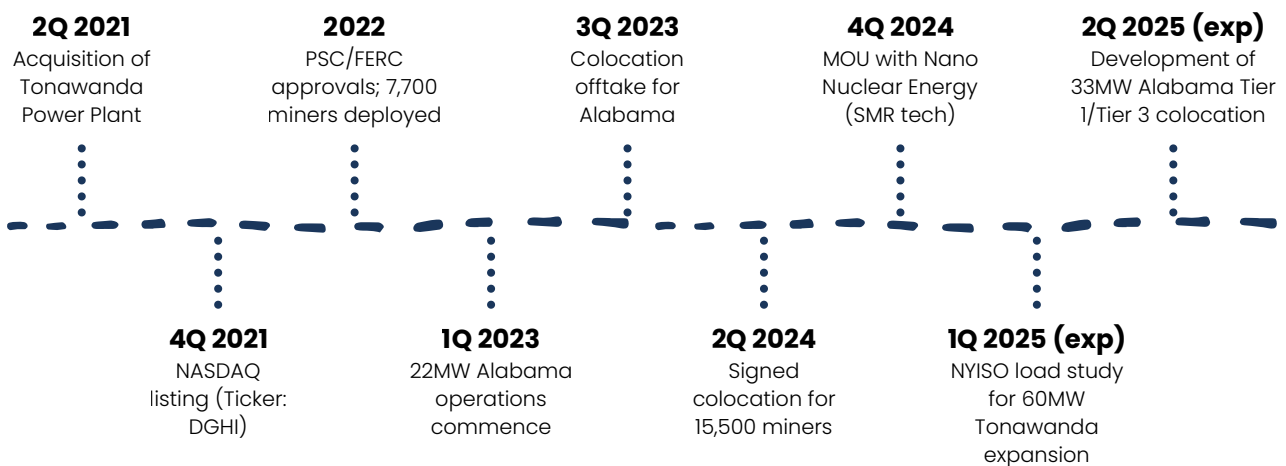
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## Digi Power X Timeline

From **power plant acquisition** to **Tier 3 data center expansion**, Digi Power X has rapidly scaled its energy and computing footprint. The company is now positioned for **220 MW** of power capacity by **FY26**.

## Key Milestones

- **2Q 2021** – Acquired **Tonawanda Power Plant**.
- **4Q 2021** – Began trading on **NASDAQ: DGHI**.
- **2022** – Obtained **PSC & FERC approvals** for Tonawanda; signed 1st **large colocation deal (7,700 miners)**.
- **1Q 2023** – Operations began at **22MW Alabama Plant**.
- **3Q 2023** – Signed **colocation offtake** for Alabama Plant.
- **2Q 2024** – Signed **2nd & 3rd colocation agreements** (15,500 miners total).
- **4Q 2024** – Entered **MOU with Nano Nuclear Energy** for **SMR deployment**.
- **1Q 2025 (expected)** – Completion of **NYISO load study** for +60MW Tonawanda expansion.
- **2Q 2025 (expected)** – Development of **33MW Alabama Tier 1 / Tier 3** capacity.



# Operational Footprint

Digi Power X operates across four U.S. sites, combining owned power plants with colocation hosting facilities, and expanding into Tier 3 HPC.

## Key Sites



**North Tonawanda, NY** – 60MW (expandable to 120MW), core power generation hub.



**Columbiana, Alabama** – 22MW (expandable to 55MW), Tier 1/Tier 3 buildout underway.



**Buffalo, NY** – 19MW hybrid self-mining + colocation.



**Hildebran, North Carolina (Development)** – 200MW potential Tier 1/Tier 3 data center near Duke switchyard & Google’s \$1.2B data center.

Location	Current Capacity (MW)	Future Potential (MW)	Revenue Streams	Hashrate (PH/EH)
North Tonawanda, NY	60 MW	120 MW	Colocation, Power Sales, Self-Mining	Current: 2.2 EH/s → 9 EH/s
Columbiana, AL	22 MW	55 MW	Colocation, Self-Mining, Future Tier 3 HPC	Current: 750 PH → 4 EH/s
Buffalo, NY	19 MW	19 MW	Colocation + Self-Mining	Current: 600 PH
Hildebran, NC	0 MW (in development)	200 MW	Tier 1 Colocation, Tier 3 HPC, Power Sales	TBD
<b>TOTAL</b>	<b>101 MW</b>	<b>~394 MW (long-term)</b>	<b>Diversified</b>	<b>—</b>

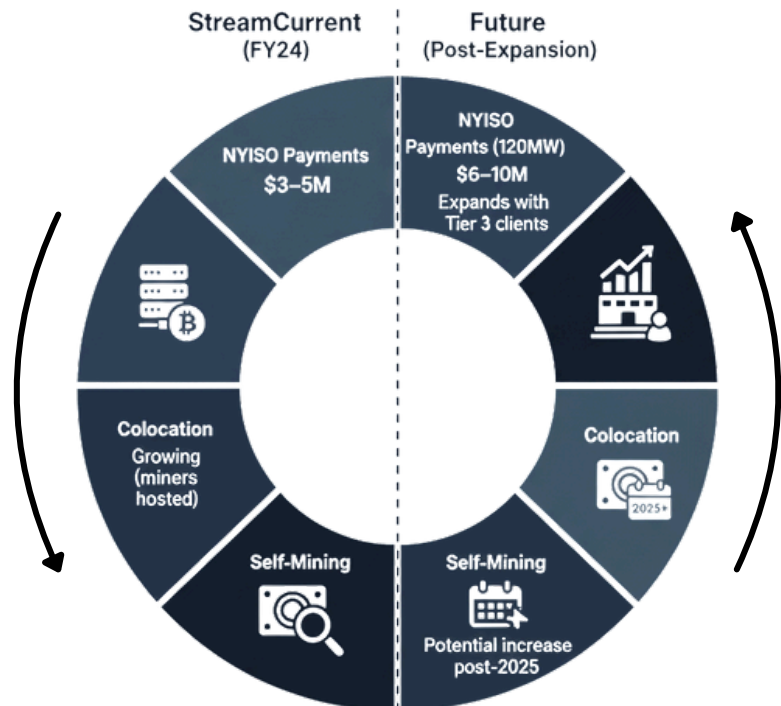
# North Tonawanda Power Plant



The North Tonawanda, NY site is Digi Power X's cornerstone asset — a wholly-owned, FERC & PSC-approved 60MW combined-cycle natural gas power plant, expandable to 120MW. It delivers low-cost energy (\$0.04/kWh) and provides consistent revenue through grid sales, colocation, and self-mining.

## Key Highlights

- 60MW installed capacity, with load study for additional 60MW underway.
- \$0.04/kWh power production cost — highly competitive.
- Generates \$3–5M NYISO payments annually (FY24) through capacity sales.
- Dual capability: sell excess power to grid OR pull from grid for redundancy.
- Prime candidate for Tier 3 HPC colocation given strong utility connections.



# Columbiana, Alabama Plant

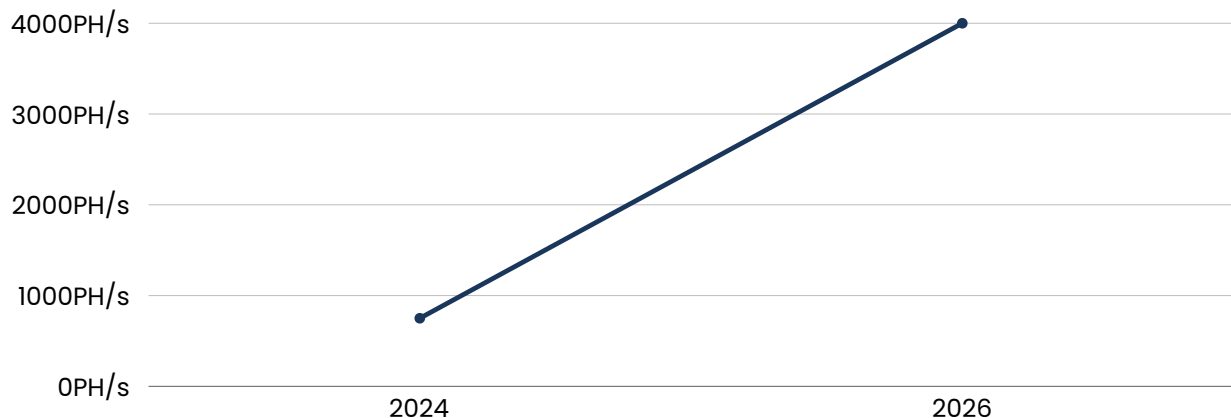


The Columbiana, Alabama facility is Digi Power X's **second major power and colocation site**, designed for scalability, reliability, and future Tier 3 conversion.

It currently operates at **22 MW**, with load study approval to expand to **55 MW**. This site represents Digi Power X's first step into the Tier 3 data center market for AI and HPC workloads.

## Key Highlights

- **22 MW operational capacity, expandable to 55 MW.**
- Current **hash rate: 750 PH/s**, scalable to **4.0 EH/s**.
- Supports **Tier 1 colocation and self-mining operations.**
- Load studies **approved** for expansion by Alabama regulators.
- Targeting **Tier 3 HPC conversion** — 1st **5MW activation expected by 2Q 2026.**



# Buffalo, New York Facility

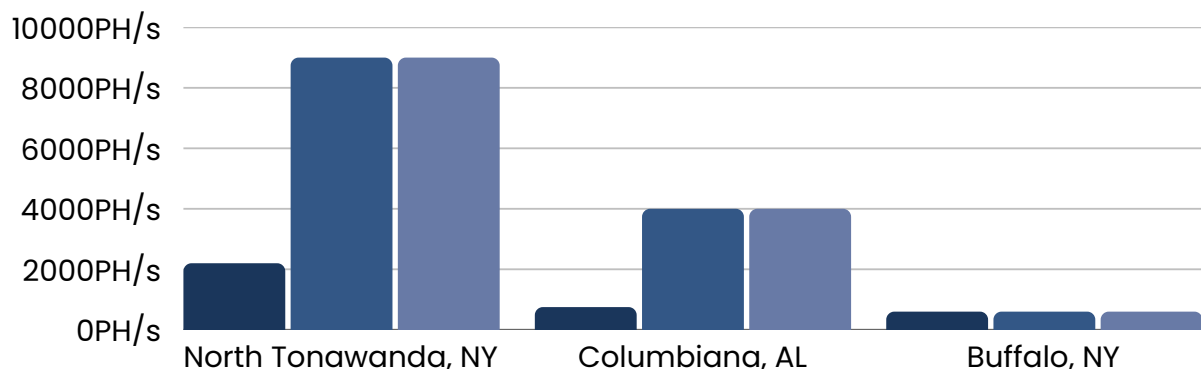


The Buffalo, NY site is a **strategic hybrid facility** that combines **self-mining and Tier 1 colocation services**.

It supports Digi Power X's **diversification strategy**, balancing stable hosting revenue with internal mining returns — ensuring flexibility across market cycles.

## Key Highlights

- **19 MW** operational capacity.
- Delivers both **colocation and self-mining** services.
- Current **hashrate: 600 PH/s**.
- Optimized power utilization for maximum uptime and profitability.
- Provides **redundancy** and **geographic diversity** to Digi Power X's New York power ecosystem.



# North Carolina Development Site (Hildebran)

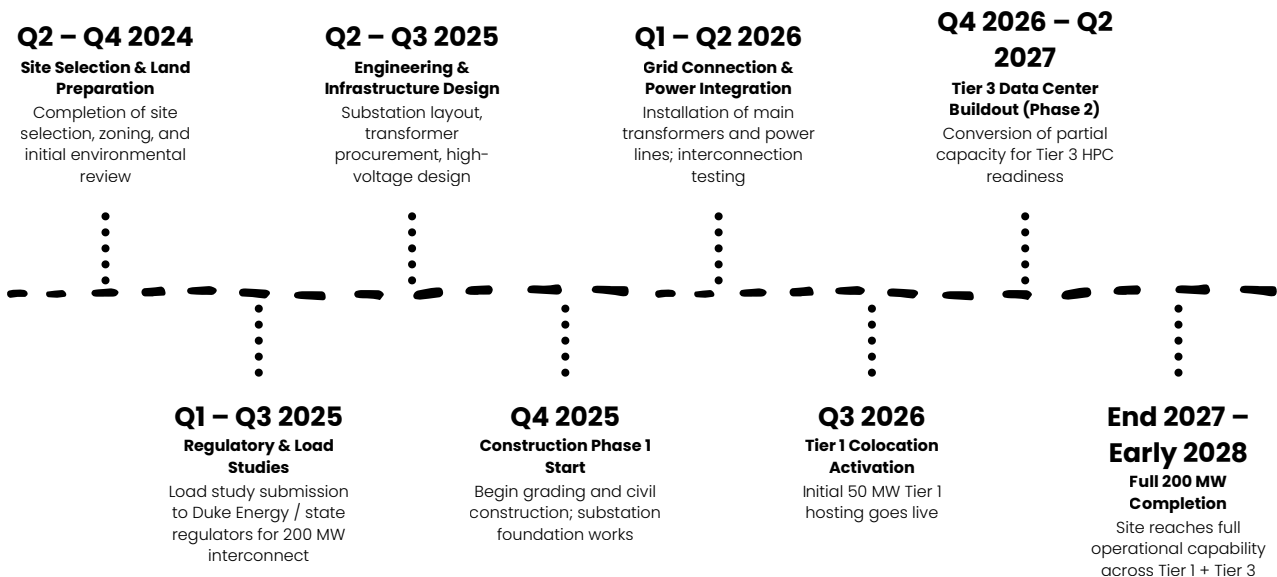
The Hildebran, North Carolina site marks Digi Power X's next major step in scaling its Tier 1 and Tier 3 data center operations.

Strategically located beside a Duke Energy switchyard and a \$1.2 billion Google Data Center, this 200 MW development site offers significant future expansion potential for AI and HPC infrastructure.



## Key Highlights

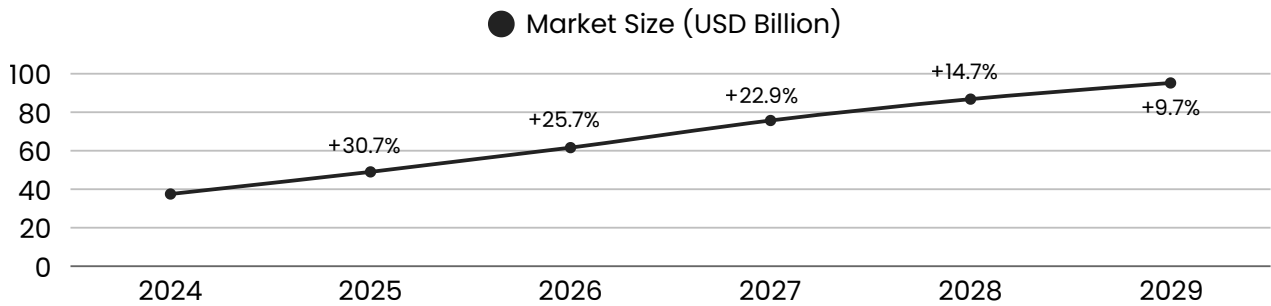
- **Planned Capacity: 200 MW**, Digi Power X's largest development site.
- **Strategic Location:** Adjacent to **Duke switchyard** and **Google's \$1.2B data center** in Hildebran, NC.
- **Development Phase:** Site acquisition and preliminary studies completed.
- **Power Advantage:** Proximity to robust grid and transmission infrastructure.
- **Use Case:** Designed for **Tier 1 Colocation**, **Tier 3 HPC**, and **Utility Power Sales**.
- **Potential Timeline:** 4Q 2025 – Development commencement.



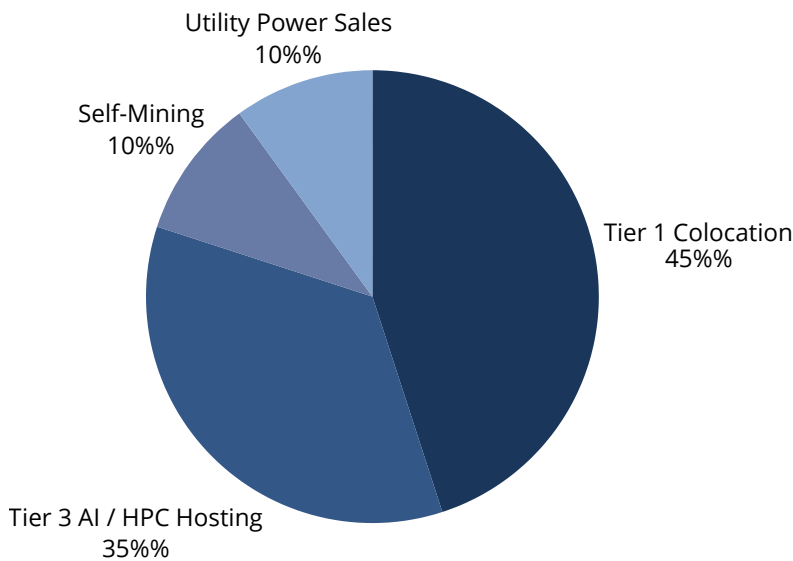
# Market Opportunity:

The global explosion of **artificial intelligence, high-performance computing (HPC), and cloud infrastructure** has created a new era of digital demand – where **energy capacity is the new computing currency**. Digi Power X is strategically positioned at the intersection of these two high-growth sectors: *clean energy and compute infrastructure*.

## Market Snapshot



## Projected Power Allocation Mix (FY 2026)



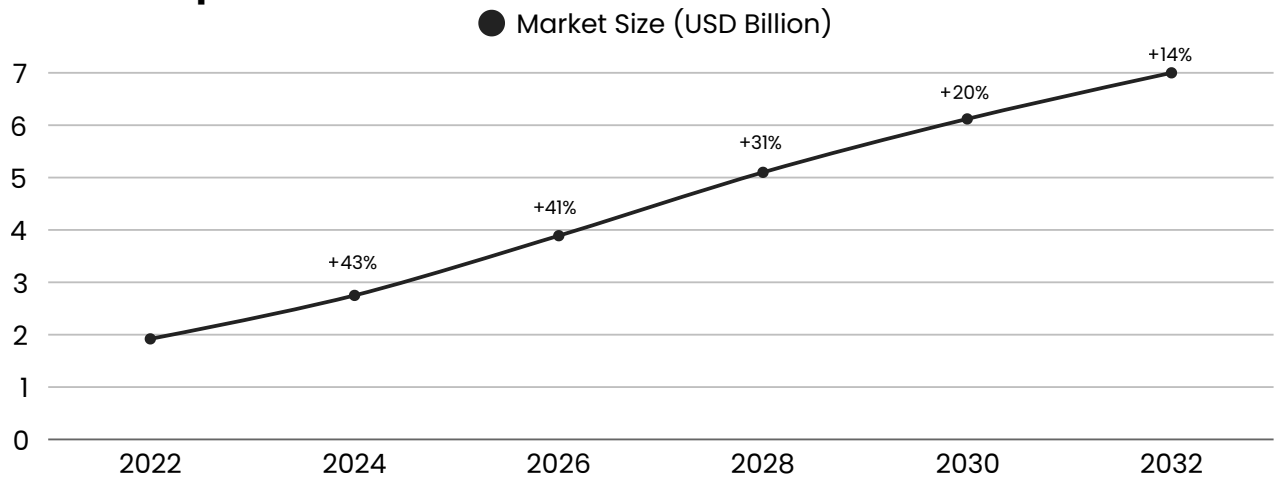
## Digi Power X Strategic Advantage

Capability	Digi Power X	Typical Competitor
Own Power Generation	✓ (FERC & PSC-approved plant)	✗ Rely on utility
Energy Cost	\$0.04 /kWh	\$0.07 – \$0.12 /kWh
Clean-Energy Integration	SMR MOU with Nano Nuclear (NASDAQ:NNE)	None / Purchased credits
Expansion Capacity (24 mo)	220 MW	50–120 MW
Tier 3 AI Readiness	In buildout (Alabama & North Carolina)	Planning phase

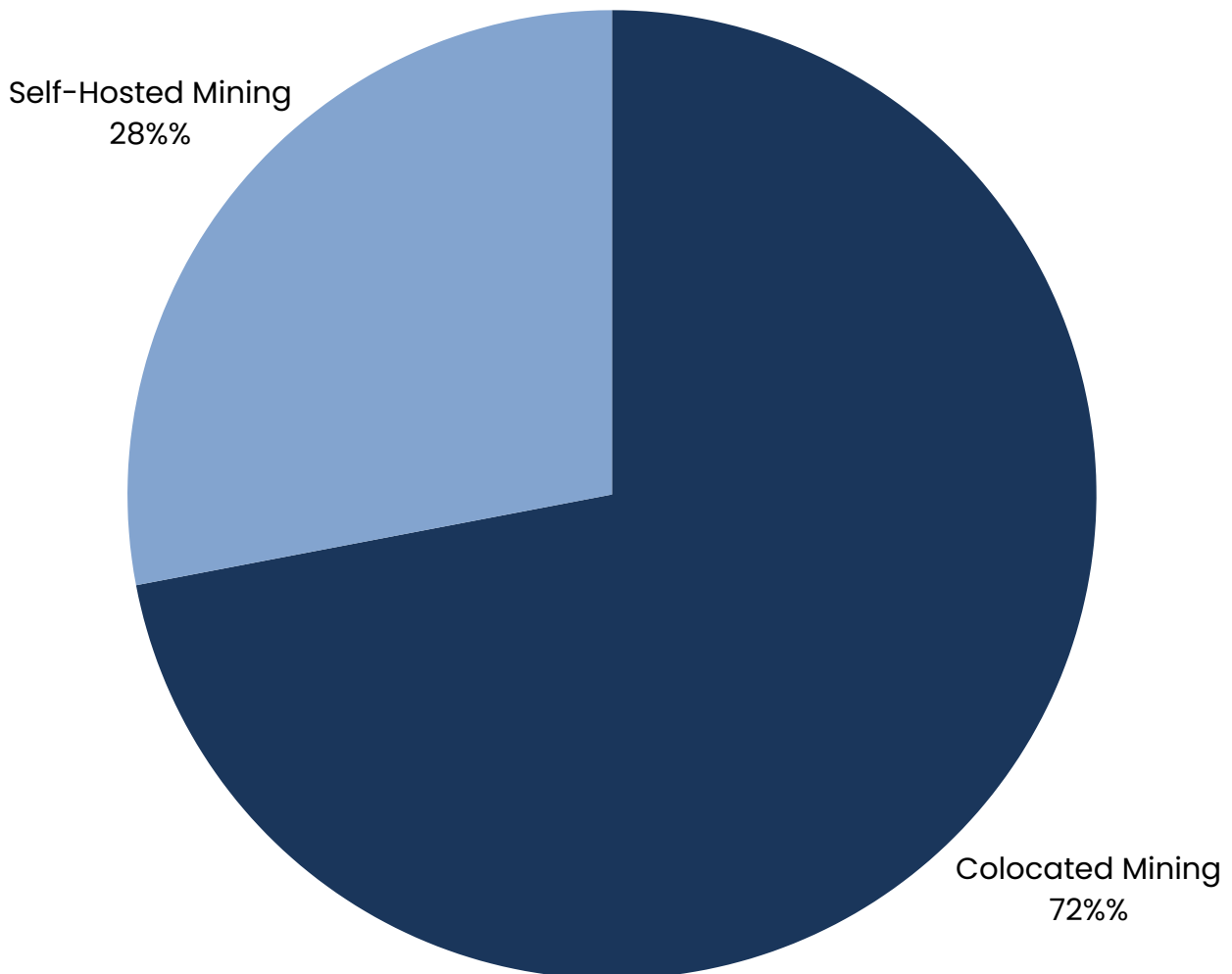
The global crypto-mining industry is maturing into a large-scale infrastructure business.

Miners are moving away from self-hosting toward **colocation partners** who offer stable power, uptime, and cost efficiency — exactly where Digi Power X leads.

### Market Snapshot



### Shift Toward Colocation Services



## Shift Toward Colocation Services



**Energy Cost** Lower OPEX through bulk energy access

99.9% uptime from grid + redundant power

**Reliability**



**Scalability** Ability to add large hash rate blocks quickly

Miners avoid high infrastructure costs

**CapEx Efficiency**



**Regulatory Compliance**

Hosts manage energy, safety, & zoning

## Digi Power X Colocation Advantage

Metric	Digi Power X	Industry Average
Power Cost	\$0.04 /kWh	\$0.07-\$0.12 /kWh
Sites Operated	3 active (NY, AL, NC)	1-2
Capacity	100 MW → 220 MW (2026)	40-100 MW
Energy Source	Utility-grade natural gas + SMR (planned)	Purchased utility power
Revenue Streams	Mining + Colocation + Power Sales	Primarily Mining

# Tier 3 Data Center Strategy

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Digi Power X is actively transitioning from Tier 1 Bitcoin colocation to Tier 3 High-Performance Computing (HPC) infrastructure.

This strategic pivot positions the company to serve **AI, cloud, and enterprise data workloads** — sectors that deliver **significantly higher margins** than traditional crypto mining.

## Key Highlights

- **First Tier 3 site: Columbiana, Alabama (22 MW)** under conversion from Tier 1 → Tier 3
- **Phase 1 activation (5 MW):** Targeted for **2Q 2026**
- **Anticipated EBITDA: ~\$1M per MW** for Tier 3 operations
- **Valuation multiple: 15× EV/EBITDA** used for Tier 3 assets (vs. 5–6× for miners)
- **Existing infrastructure in place** — power, transformers, high-voltage access already developed
- **Goal: Build energy-efficient, scalable, and AI-ready Tier 3 facilities** leveraging owned utility assets



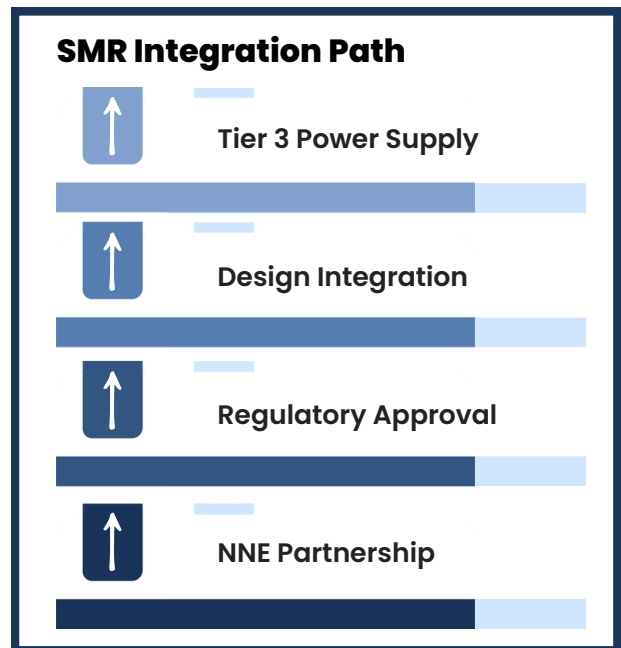
# Nuclear SMR Initiative

Digi Power X has entered into an MOU with Nano Nuclear Energy (NASDAQ: NNE) to explore and deploy **Small Modular Reactor (SMR) technology** for powering its **next-generation Tier 3 and HPC data centers**.

This collaboration aims to deliver **clean, reliable, and scalable baseload power**, reinforcing Digi Power X's commitment to **energy innovation and sustainability** in digital infrastructure.

## Key Highlights

- **MOU Partner:** Nano Nuclear Energy (NASDAQ: NNE)
- **Objective:** Develop, customize, and deploy **advanced SMR and microreactor systems** for Digi Power X's **North Tonawanda 60MW power plant**
- **Purpose:** Support long-term **Tier 3 HPC and AI data center energy demands**
- **Scope Includes:**
  - Engineering and regulatory approval guidance
  - Safety compliance and integration planning
  - Consistent baseload power generation
- **Strategic Goal:** Create a **clean-energy backbone** for all Digi Power X operations by **leveraging nuclear microreactor technology**



## Anticipated Benefits of SMR Integration

Benefit Area	Description / Impact
Clean Power Generation	Zero-carbon baseload electricity for HPC and AI operations
Energy Security	On-site power independence from grid volatility
Cost Efficiency	Reduced long-term power costs compared to natural gas
Scalability	Modular units easily replicated across sites
Regulatory Alignment	Early partnership with NNE streamlines compliance and approval

# Anticipated Milestones

Digi Power X's roadmap outlines a strong sequence of operational, development, and partnership milestones across its power generation, colocation, and Tier 3 HPC projects.

These milestones mark the company's evolution from a **crypto-mining infrastructure provider** to a **clean energy and AI-ready data center operator**.

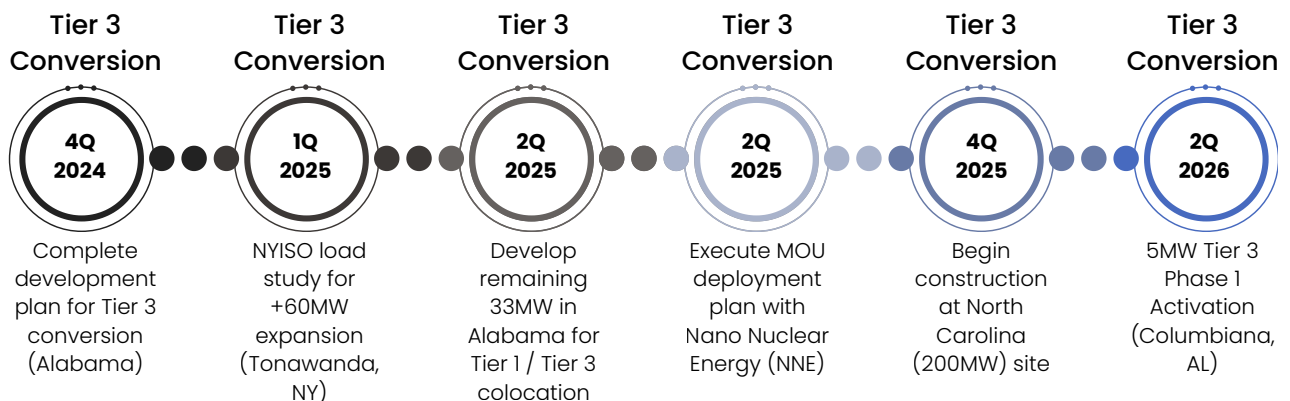
## Key Highlights

- Clear execution plan spanning **Q4 2024 → Q2 2026**
- Focused on **Tier 3 data center development, load study expansion, and clean energy deployment**
- Aligned with **Nano Nuclear Energy (NNE)** partnership for **SMR integration**
- Expected to expand total capacity to **~220 MW by FY26**

## Anticipated Benefits of SMR Integration

Year / Phase	Total MW Capacity	Primary Drivers
2024 (Current)	~100 MW	Tonawanda, Alabama, Buffalo
2025 (Development)	~160 MW	Alabama expansion + load study approval
2026 (Future)	~220 MW	Tier 3 activation + NC development

## Operational & Development Milestones



# Valuation Overview

**Short thesis:** Digi Power X's asset base (power + hashrate + development pipeline) implies **significantly higher intrinsic asset value** than current market pricing – driven by a large gap between valuations applied to **mining megawatts vs HPC/Tier-3 megawatts**. The company's **future 220 MW portfolio** is projected to be worth **~\$374M** at target segment valuations, versus a **market cap of \$44.55M (Jan 14, 2025)**.

## Highlighted Points

- **Valuation per MW (used in Deck):**  
Mining: \$0.5M / MW vs HPC: \$12.5M / MW.
- **Future MW mix (24 months):** ~220 MW total (approx 198 MW mining, 22 MW HPC).
- **Implied Asset Value (Sum of Parts):**  
Mining assets ≈ \$99M; HPC assets ≈ \$275M; Total ≈ \$374M.
- **Market Cap (Jan 14, 2025):** \$44.55M – implying a **multi-fold undervaluation** vs. implied asset value.
- **EV / 2025E EBITDA comparables:** Peer groups show **Digital Asset Miners ~5–6x**, **Hybrid/HPC comps higher (~9–22x)** – supporting a premium for HPC assets.



## DGHI Market Snapshot vs Implied Asset Value



# Strategic Partnerships & Ecosystem

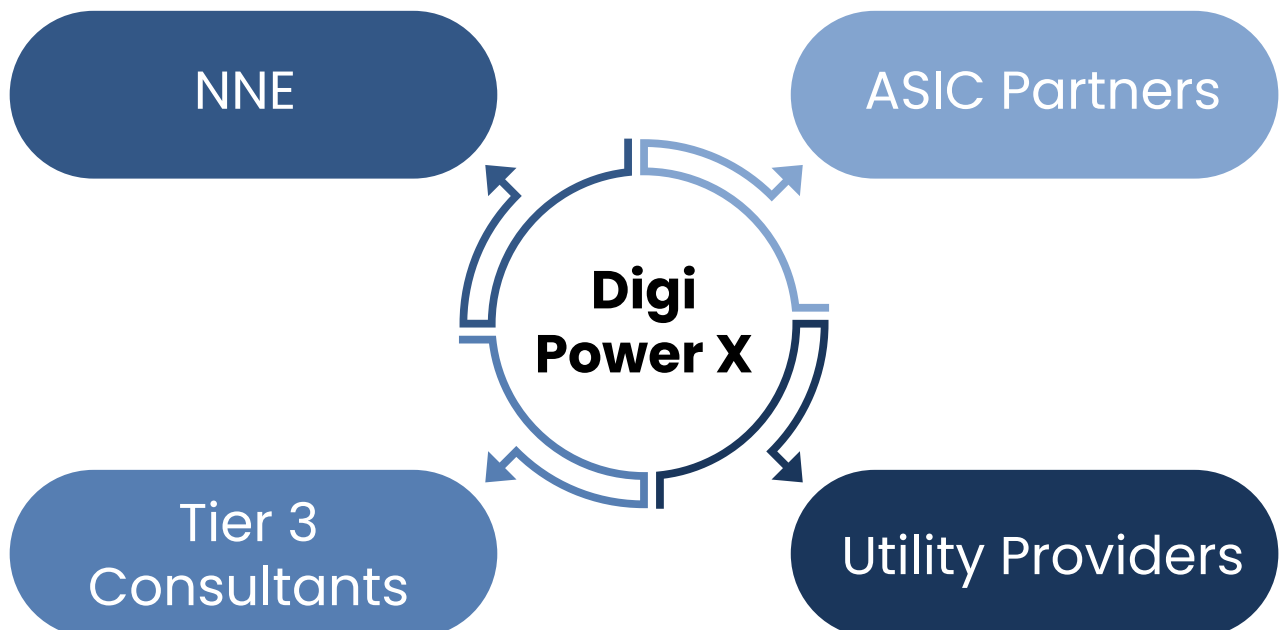
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Digi Power X's ecosystem of partners, suppliers, and energy collaborators forms the foundation of its **AI-ready and clean-power infrastructure strategy**. By aligning with leaders across **energy generation, nuclear innovation, mining technology, and HPC operations**, Digi Power X strengthens both its **technical scalability and sustainability roadmap**.

## Key Highlights

- **Core Partnerships** drive innovation, energy reliability, and market expansion.
- **Nano Nuclear Energy (NASDAQ: NNE)**: MOU for **SMR microreactor deployment** and clean energy supply.
- **ASIC & Hosting Partners**: Advanced digital mining infrastructure providers enabling optimized hashrate utilization.
- **Power & Grid Collaborations**: Access to regulated energy markets and grid interconnections in **New York, Alabama, and North Carolina**.
- **Strategic Focus**: Partnerships that integrate **clean energy, AI computing, and infrastructure efficiency**.

## Digi Power X Ecosystem



# ESG & Sustainability Initiatives

Digi Power X is building a next-generation digital infrastructure platform that prioritizes clean energy, efficiency, and responsible operations.

Through strategic site selection, nuclear partnerships, and continuous efficiency upgrades, Digi Power X is committed to **reducing carbon intensity**, **maximizing power utilization**, and **integrating sustainable energy technologies** across its Tier 1 and Tier 3 data centers.

## Sustainability Metrics & Targets

	2024 Baseline	2026 Target	Description / Impact
Clean Energy Mix	 35% /grid cry	<b>&gt;60%</b> SMR + renewables	Clean baseload & low-carbon grid integration
Carbon Reduction	 100%	<b>-40%</b> CO <sub>2</sub> intensity by 2026	Driven by nuclear and renewable adoption
Power Efficiency (PUE)	<b>~1.55</b>	<b>&lt;1.30</b>	Efficiency improvements through Tier 3 design
Data Center Uptime	<b>99.5%</b>	<b>99.9%</b> Tier 3 standard	Redundancy & energy optimization

## Key Highlights

- **Commitment to Clean Energy:** Integration of **SMR (Small Modular Reactor)** technology via partnership with **Nano Nuclear Energy (NNE)** for zero-carbon baseload power.
- **Energy Efficiency Focus:** Transition from **grid-dependent mining to self-powered colocation and HPC** operations.
- **Sustainability Roadmap:** Designed to achieve **>60% clean or self-generated power by 2026**.
- **Environmental Compliance:** All active and planned sites (NY, AL, NC) meet **EPA & FERC energy standards**.
- **Goal:** Lead the industry in **carbon-neutral digital infrastructure** through innovation and energy diversification.

# Future Outlook & Vision

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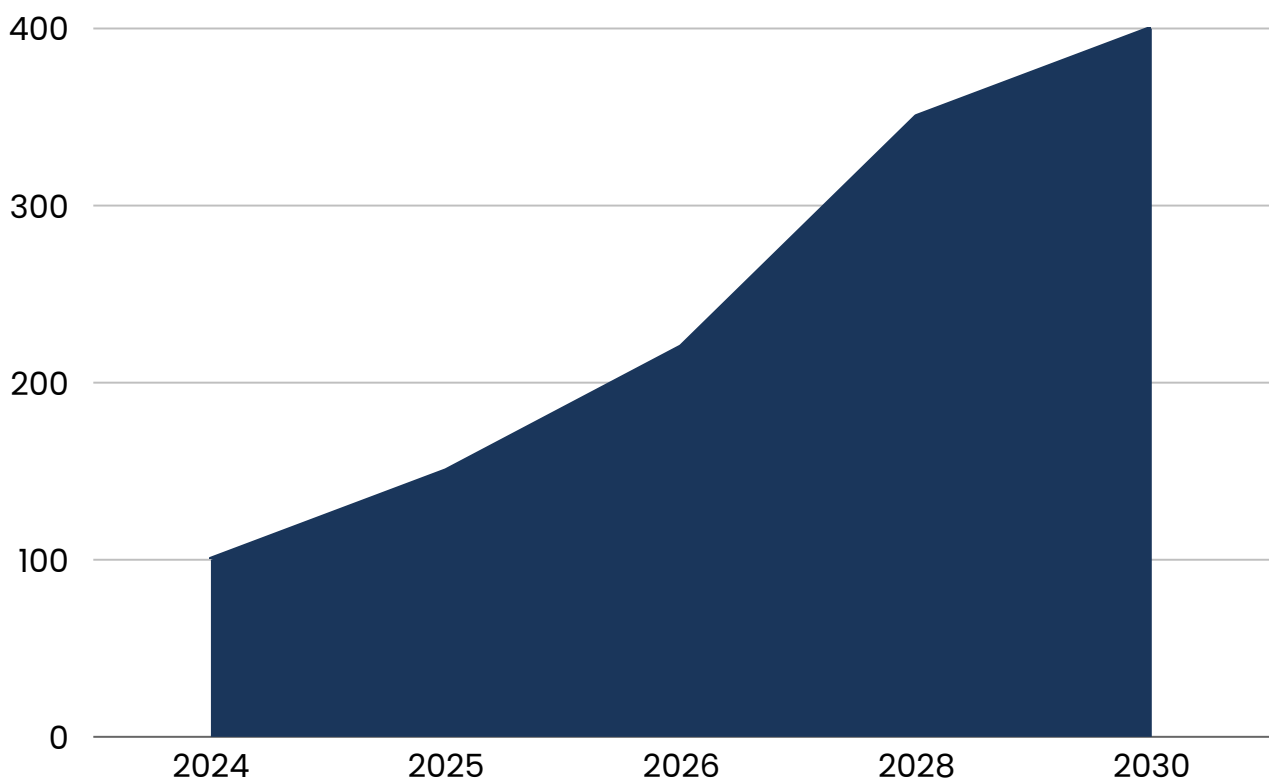
Digi Power X is positioning itself as a next-generation leader in energy-integrated digital infrastructure.

By 2030, the company aims to **fully transition from crypto-focused operations into a sustainable, AI-driven Tier 3 data center platform**, powered by **clean, self-generated energy** — including **SMR technology** and **advanced grid optimization**.

## Key Highlights

- **Capacity Expansion Goal:** Grow from ~220 MW (2026) to ~500 MW by 2030
- **Tier 3 Deployment:** Over 100 MW Tier 3 HPC capacity targeted across 3 major U.S. sites.
- **Clean Power Integration:** SMR deployment at **North Tonawanda and North Carolina** sites expected to meet **70%+ of total energy needs**.
- **Financial Target:** EBITDA uplift of ~3–4× from current levels through Tier 3 conversions and AI hosting.
- **Vision 2030:** Establish Digi Power X as a **carbon-neutral digital utility** powering AI, HPC, and enterprise workloads.

## EBITDA Growth Projection



# Work with Us

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Digi Power X invites forward-thinking partners, investors, and enterprises to collaborate in building next-generation digital infrastructure. With a vertically integrated model spanning energy generation, Bitcoin mining, and Tier 3 AI data centers, the company offers scalable, cost-efficient solutions designed for long-term growth. Its expanding footprint across the U.S. creates opportunities for strategic partnerships and high-performance computing deployment.

By combining low-cost power, advanced infrastructure, and a clear transition toward AI-driven workloads, Digi Power X is positioned as a reliable partner in a rapidly evolving digital economy. Whether through colocation, energy solutions, or data center development, the company provides a platform for innovation, efficiency, and sustainable expansion aligned with future global demand.



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Stock Information

**Nasdaq: DGXX**

