Infinidium Power Corp. Launches $1M Pre-IPO Seed Financing to Power the Next Era of Sustainable AI Infrastructure

Infinidium launches $1M Pre-IPO to deploy low-cost AI infrastructure, monetize carbon credits, and scale global EPC and off-grid data centers.

View inside of a 50 Chamber 5 MW Datacenter Facility

CALGARY, ALBERTA, CANADA, March 4, 2026 /EINPresswire.com/ -- Infinidium Power Corp., a Canadian AI infrastructure innovator founded in 2019 and a member of the NVIDIA Inception Program, has launched a $1,000,000 Pre-IPO Seed Financing at a $9,000,000 pre-money valuation. Proceeds will fund its first revenue-generating AI deployment and support expansion into global EPC (Engineering, Procurement, and Construction) and long-term infrastructure operations services.

> We are redefining AI infrastructure economics by eliminating the cooling tax and transforming wasted thermal pollution into scalable revenue and carbon assets within a single modular envelope”
>
> *Paul Grist CEO*

Castle Placement LLC is leading the raise. Castle is a U.S.-based capital markets firm specializing in structured private placements and growth-stage financings, supporting emerging technology companies with compliant access to investor networks.

AI growth is rapidly increasing power demand worldwide. Traditional data centers can consume 30–40% of total electricity on cooling systems alone, while nearly all compute energy dissipates as heat. Grid constraints, rising energy costs, and sustainability mandates are creating structural limitations often described as the AI “Power Wall.”

Infinidium has developed a patent-pending architecture designed to eliminate conventional fan-

based and liquid cooling systems while reintegrating thermal airflow dynamics to materially reduce external grid demand. By removing mechanical cooling infrastructure, the company aims to significantly lower capital and operating costs while introducing a new efficiency benchmark for high-density GPU deployments.

Seed proceeds will fund deployment of a 16-GPU cluster powered by NVIDIA H200 GPUs. The system is structured for rapid commissioning and immediate AI training and inference workloads. Following validation, Infinidium plans to scale with a 48-GPU B200 system before advancing toward proprietary multi-megawatt facilities.

The company's mechanically simplified platform is designed to:

Eliminate active cooling fans and liquid systems

Operate without water consumption

Reduce grid dependency by approximately 60%

Lower infrastructure complexity

Enable ultra-quiet modular deployment

Enable rapid deployment in vacant buildings while bypassing traditional permitting and retrofitting

By removing cooling plant requirements such as chillers, towers, pumps, and HVAC complexity, Infinidium targets the lowest CAPEX and OPEX profiles in the AI infrastructure sector with more than a 50% reduction versus current projects.

Lower electrical draw also creates measurable greenhouse gas (GHG) avoidance relative to conventional GPU clusters. Infinidium is advancing a carbon monetization strategy based on avoided grid consumption, elimination of cooling overhead, renewable integration, and off-grid capability. The company intends to pursue third-party verification pathways and evaluate participation in voluntary carbon markets.

Forward carbon credit sales are being explored as a potential non-dilutive financing mechanism, enabling corporate buyers to pre-purchase verified future carbon reductions tied to AI infrastructure deployments. This dual-revenue model—AI compute plus carbon credits—adds a differentiated financial layer to infrastructure expansion.

In parallel, Infinidium is advancing research toward fully self-powered configurations integrating thermal reintegration, renewable generation coupling, and modular power subsystems. These systems are designed for grid-constrained regions, remote industrial environments, sovereign

infrastructure applications, and emerging markets where hyperscale facilities are impractical.

Beyond owning and operating facilities, Infinidium is developing a global EPC and infrastructure services model. Under this framework, the company plans to design modular AI compute facilities, procure specialized equipment, construct turnkey deployments, and provide long-term operations and performance management. This approach enables diversified revenue streams including EPC contracts, infrastructure licensing, managed compute services, operations agreements, and carbon performance management.

The company is also developing a proprietary large language model (LLM) orchestration layer to optimize GPU workload distribution, thermal dynamics, power efficiency, carbon tracking, and multi-site infrastructure management—creating a vertically integrated AI infrastructure platform.

Additional investment information is available at:
https://castleplacement.com/portfolio/infinidium/

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*Energy reduction, cost positioning, and carbon generation projections are based on engineering models and planned configurations. Actual results may vary.

About Infinidium Power Corp.
Infinidium Power Corp. is a Canadian technology company developing next-generation AI infrastructure through modular, water-free, mechanically simplified compute systems designed to reduce energy intensity, lower operating costs, enable carbon monetization, and support scalable global deployment.

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