



Allen Hydro Energy Corporation (AHEC)

Strategic Energy Solutions to Sustain Tech Giants' Expanding Data Infrastructure

Executive Summary

December 11, 2025

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Allen Hydro Energy Corporation (AHEC) delivers a breakthrough solution to the most urgent challenge facing the world's leading technology companies: securing massive, reliable, clean, and cost-predictable power for data centers.

AI, cloud computing, and high-density data operations are consuming energy at unprecedented rates, straining local grids, delaying new data center construction, and increasing reliance on fossil-fuel power sources. Tech giants cannot scale their infrastructure, nor maintain global competitiveness without a new class of high-capacity, 24/7 energy.

AHEC solves this problem.

AHEC has developed and patented a large-scale hydroelectric power system capable of providing continuous, emissions-free electricity at \$0.05 per kWh, delivered through a dedicated facility developed at a fixed cost of \$5 billion per data center location. This model allows technology companies to achieve predictable, long-term energy pricing while freeing their operations from grid limitations, price volatility, carbon constraints, and infrastructure delays.

Unlike solar, wind, and other intermittent renewables, AHEC's hydro-based power plant provides stable, around-the-clock output, engineered specifically for the power-intensive demands of AI clusters, cloud campuses, and data storage operations. Each AHEC facility can be positioned adjacent to or within regional data center hubs, ensuring immediate availability, minimal transmission loss, and high reliability.

AHEC's closed-loop hydroelectric design does not require rivers, dams, large land footprints, or environmentally disruptive construction. The system uses proven hydroelectric generation technology adapted into a scalable vertical architecture, enabling deployment in regions where traditional hydro is impossible and grid capacity is constrained.

For tech companies, the value proposition is clear:

- **Predictable long-term cost:** \$0.05 per kWh
- **Dedicated power:** uninterrupted 24/7 operations
- **Scalable deployment:** Cost \$5 Billion Dollars per AHEC Power Plant per Data-Center
- **Zero emissions:** supports internal sustainability and net-zero targets
- **Grid independence:** eliminates permitting delays and power bottlenecks
- **Rapid global replication:** consistent design, predictable output

Allen Hydro Energy Corporation offers a new category of energy infrastructure designed for the era of AI and hyperscale computing. With a replicable model, patented technology, and a clear alignment to the needs of the world's largest tech firms, AHEC provides the power foundation required to support the next generation of global digital growth.

Conclusion

A \$5 billion pre-seed investment in AHEC to establish its Power Plant manufacturing and construction capacity is needed to rapidly deploy the infrastructure from Alphabet, Amazon, Meta, Microsoft, Apple, OpenAI, and Nvidia, the world's leading technology companies. With manufacturing centers and specialized construction teams, AHEC can deliver multiple large-scale plants to meet demand for continuous, energy directly to data centers.

AHEC's patented hydroelectric technology offers tech giants a transformative advantage: 24/7 reliable power at a predictable cost of \$0.05 per kWh, independent of grid constraints, fossil fuel volatility, or permitting delays. As AI, cloud computing, and high-density data operations continue to accelerate global energy demand, AHEC provides a scalable, repeatable, and zero-emission solution tailored specifically for the power needs of the digital infrastructure sector.

By addressing the single greatest barrier to data center expansion—long-term access to affordable, high-capacity energy, AHEC is positioned to become a strategic power partner for the world's largest technology companies, exceeding all projected sales, revenue, and growth expectations.

Sincerely,

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