

Commercial Deployment of 10 MWe Microreactors

Standardized Nuclear Energy Infrastructure for Data Centers & Industry

Hadron Energy

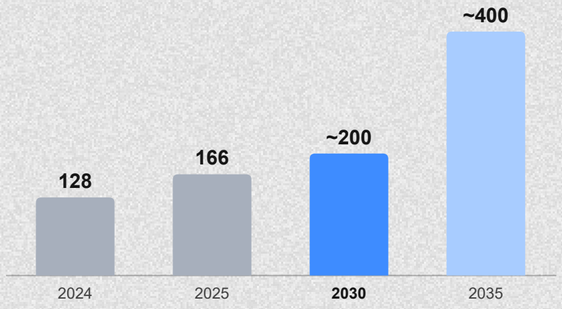
October 2026 Investor Overview

Power is the Constraint.

~200 GW of new U.S. demand by 2030.

Power demand is outpacing the rate at which the industry can build: the U.S. needs roughly 200 GW of new capacity by 2030, enough to power 200 million homes, and AI data centers alone are set to quadruple their electricity use.

New capacity needed to serve U.S. peak demand (GW)

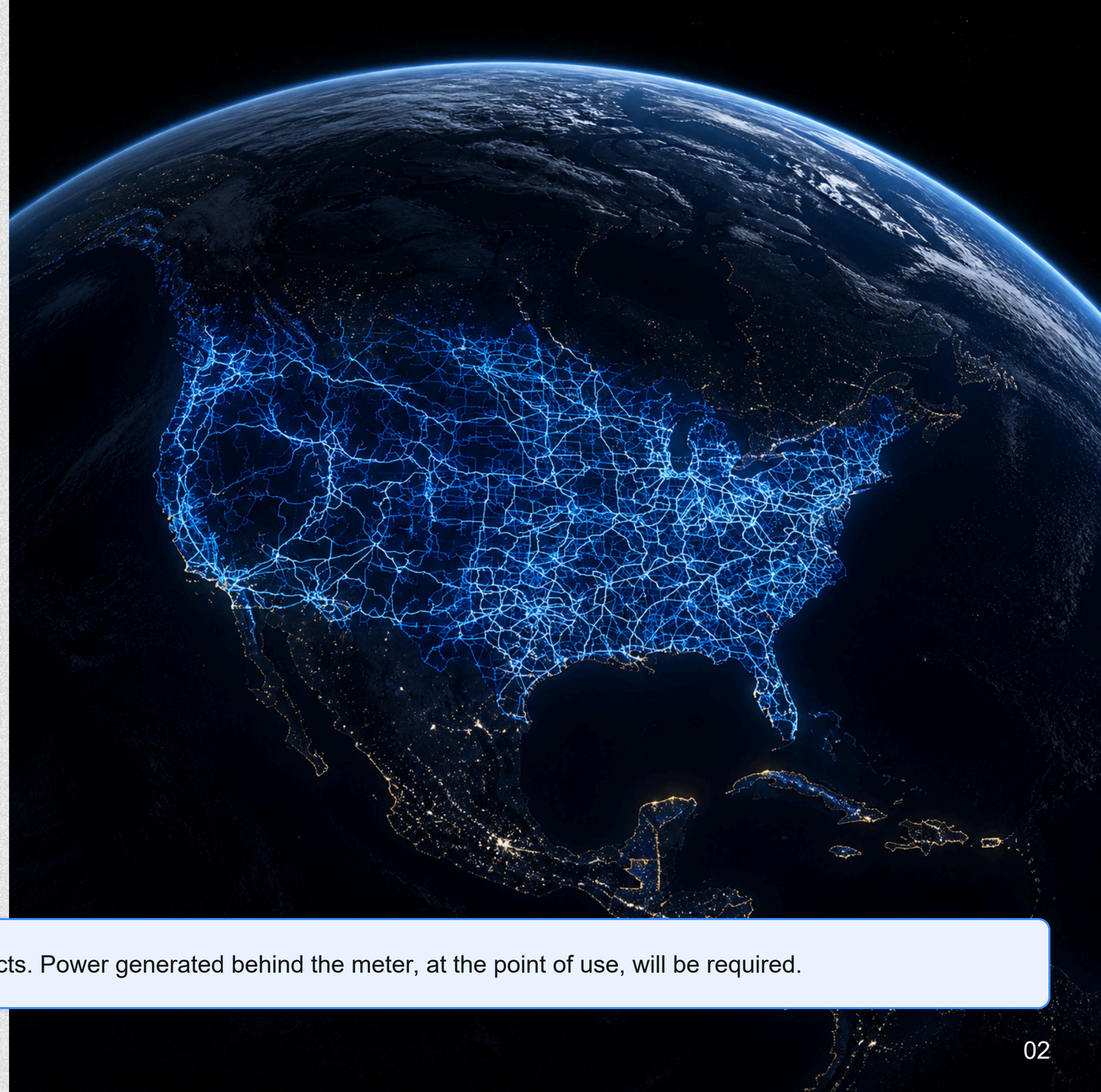


4×
AI data-center electricity demand, 2024 to 2030 (IEA projection)

200M
homes' worth of new U.S. demand by 2030

15 yrs
and ~$35B to build Vogtle 3 & 4, America's newest large reactors

Sources: Grid Strategies, analyses of utility and FERC filings (2024, 2025); U.S. DOE virtual power plant analyses (2030, 2035); IEA (2025).



The grid is aging and fragile; it cannot support large generation projects. Power generated behind the meter, at the point of use, will be required.

Proven Nuclear. Built for Speed.

The **Hadron Halo™** Micro Modular Reactor (MMR) can power next-generation data centers, remote communities, military bases, factories & more.

Instead of plants that cost tens of billions and take decades, Hadron delivers 10 MWe at the point of demand, factory-built for an accelerated path to market. We are not reinventing nuclear physics, only how it is delivered: on-site power generation leveraging off-the-shelf components with known commercial operations.



10 MWe
ELECTRICAL POWER

45 MWth
THERMAL POWER

6-year
FUELING CYCLE

Meeting demand requires central mass manufacturing. Halo's compact footprint streamlines installation as a repeatable product.

A Walk Away Safe Design

The Hadron Halo™ is designed with five layers of containment. From the outer shell to the fuel coating, it is designed to be walk-away safe and community friendly.

1 - Containment Skin

3-4 inch thick steel reactor pressure vessel that contains the reactor core, steam generator and primary coolant



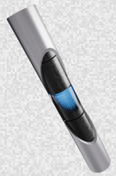
2 - Pressure Vessel

3-4 inch thick steel reactor pressure vessel that contains the reactor core, steam generator and primary coolant



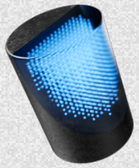
3 - Zirconium Cladding

3-4 inch thick steel reactor pressure vessel that contains the reactor core, steam generator and primary coolant



4 - Fuel Pellet

3-4 inch thick steel reactor pressure vessel that contains the reactor core, steam generator and primary coolant



5 - Suppression Pool

Approximately 60,000 gallons of water filled suppression pool that acts as the Ultimate Heat Sink



Light-water reactors have operated safely for 70 years. Hadron's design raises that proven standard even higher.

A Supply Chain That Already Exists

Hadron’s unique design and licensing strategy grants key regulatory, supply chain & licensing advantages.

U.S. Based Fuel Supply

Uranium conversion secured with **ConverDyn**, the only U.S. commercial UF_6 conversion facility.

Mature LWR Vendor Base

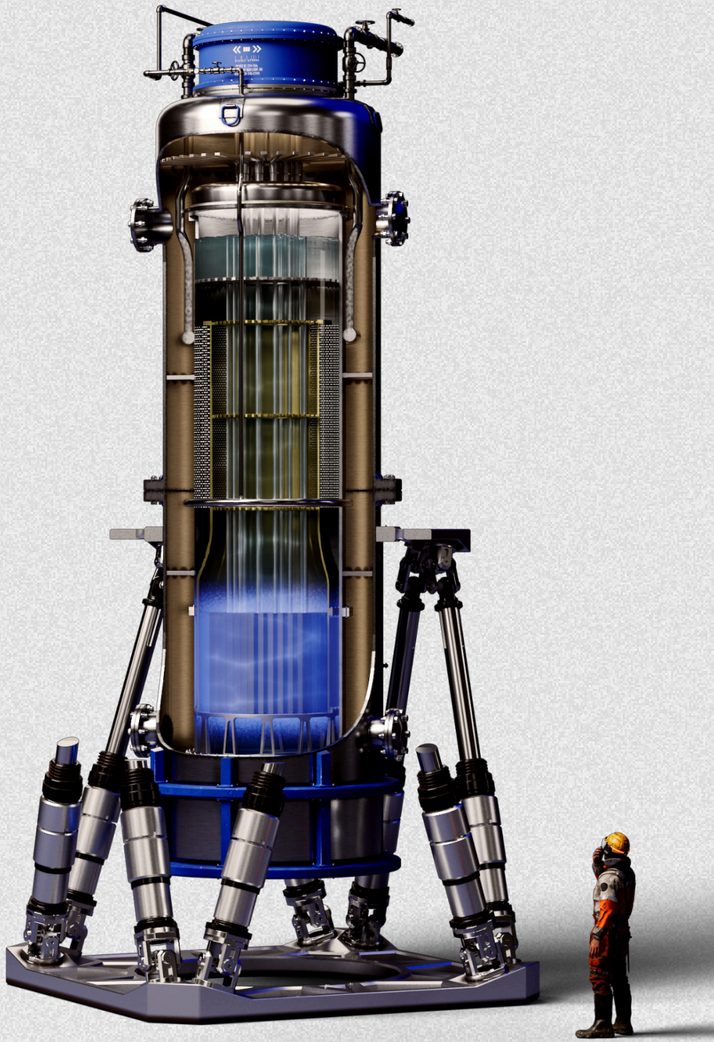
Light-water suppliers with decades of operating history mean expedited delivery times.

MSAs With Critical Suppliers

Multiple Master Services Agreements in place, locking in capacity for long-lead components.

No Exotic-Fuel Bottleneck

Utilizing Low-Enriched Uranium (LEU) leverages an established regulatory framework, avoiding the extended approval timelines of exotic fuels



A Made-in-America, off-the-shelf supply chain enables repeatable, production-line manufacturing.

	Hadron Energy 10MW Light Water Design	Westinghouse AP1000	HITACHI BWRX-300	OKLO	energy
Compact Footprint	More effective land usage than other renewable energy sources (<1 acre)	1,000+ acres site work (Vogtle 3 & 4)	6.7-acre protected area	~4-5 acres	26 acres (4-pack, Seadrift)
+ **Tried-and-true components**	Avoid costly development and testing compared to non lightwater designs	Proven PWR; GW-scale complexity	Proven BWR lineage; FOAK in construction	Unreliable sodium cooled reactors	Helium HTGR, TRISO pebble bed
+ **Quality Controlled Manufacturing**	Avoid expense and delays during construction compared to larger reactor deployments	Site megaproject; 8 yrs late, ~2.5x budget	Site-constructed; deep-shaft civil works	Site-constructed (Kiewit EPC)	Site-assembled 4-pack
+ **Centrally Built, Standard Shipping**	Commodity production line output, shipped on standard road, rail and sea	Not shipped as a unit	Not shipped as a unit	Not shipped as a unit	Not shipped as a unit
+ **Behind The Meter, Not Just On Site**	MMR (Micro Modular Reactor) form factor, |allows for behind the meter placement	Grid-scale only. 1,100+ MWe	Grid-connected. 300 MWe minimum	Flagship campus is front-of-meter	Grid-connected. 320 MWe minimum
= **Deployable, Reliable Power**	Nth-of-a-kind manufacturing and deployment model offering distributed power generation	Decade-plus single-site builds (Vogtle 15 yrs, Darlington 2029-30)		Introduces novel licensing regimes and risk factors that may delay licensing	

Hadron vs Legacy & New Age Reactors

Hadron is uniquely positioned in the 10 MW microreactor class, projected to deliver the largest installed base at the lowest cost.

Licensing: The NRC Front-Runner in Microreactors

WHAT WE HAVE ACCOMPLISHED

“The path of least resistance to market.”

NRC approval of the Quality Assurance Program Description

June 4, 2026

FIRST FOR A LIGHT-WATER MICROREACTOR

Regulatory & Licensing

- NRC Letter of Intent Submitted
- NRC Regulatory Engagement Plan Submitted
- Pre-Application Meetings with NRC (More planned and ongoing)
- NRC Public Meetings (More planned and ongoing)
- Quality Assurance Program Description Topical Report Formally Approved
- Principal Design Criteria White Paper submitted

Design, Technical & Business

- Established foundational design and safety aspects informed by regulatory eng.
- Halo demonstration simulator development launched.
- Core & primary system architecture defined
- First U.S. patent application published · US 2026/0128185 A1
- Early Customer Identification

OUR PATH FORWARD

Design Development & Verification	Licensing Applications	Manufacturing & Testing	Commercial Deployment

Hadron’s successful NRC pre-application engagement, historic Topical Report approval, and high-quality regulatory submissions position the company for timely reviews and an efficient path to commercial deployment.

Forward-looking statement. The activities described under Our Path Forward reflect current plans and priorities and are subject to change, including as a result of regulatory feedback, technical developments, and factors outside the Company's control. They do not represent all steps required to design, license, manufacture, or deploy a commercial reactor. See the Forward-Looking Statements section of this presentation

350+ Years of Nuclear Industry Experience

We've Built The Team That Can Deliver The Future of Energy, by leveraging 100s of years of combined experience across regulatory, licensing, engineering, and operations.

(1) Contract Positions



Samuel Gibson

Founder & CEO

Serial Entrepreneur and 2 time ASME Global Engineering Leader

Hadron Energy



Eric Williams

Executive VP of Engineering

Previously Executive Vice President & COO at TerraPower

TerraPower



Ross Ridenoure

Chief Nuclear Officer

Three Time CNO at Parsons, Southern California Edison, & Omaha Public Power District

PARSONS



Rahul Shukla

Chief Financial Officer

Previously Chief Accounting Officer at Stem, Inc.

stem



Kent Olson, P.E.

Director of Component Design

Previously Engineering Manager for Reactor Design at GE Vernova Hitachi

HITACHI



Brian Arnholt

Director of Reactor Systems

Previously Principal Engineer & Engineering Manager for I&C at NuScale Power

Sargent & Lundy



Rufino Ayala

Lead I&C Engineer

Previously Chief Engineer at Paragon Energy Solutions and co-inventor of HIPS

Paragon



Lander Ibarra

Pr. Thermal Hydraulics Engineer

Previously Principal Nuclear Engineer at Argonne National Laboratory

Argonne NATIONAL LABORATORY



Andrea Veil

Head of Reactor Licensing (1)

Previously Director of the Office of Nuclear Reactor Regulation (NRR)

U.S.NRC



Stephen Moore

Pr. Mechanical Fluids Engineer

Previously Lead Pump Engineer & Senior System Design Engineer at TerraPower

TerraPower

Deep nuclear expertise paired with proven execution leadership to accelerate Hadron from design through deployment.



SAMUEL GIBSON

NON-INDEPENDENT BOARD OF DIRECTORS MEMBER AND CHIEF EXECUTIVE OFFICER

Founder & CEO of Hadron and Halo MMR visionary. He led the completion of Hadron's merger with GigCapital7 resulting in $40m raised and zero debt over 2 years.



RALPH HUNTER

MEMBER OF THE AUDIT AND COMPENSATION COMMITTEES

Globally recognized nuclear executive with 35 years of experience in SMR development. Held CEO and presidential roles at Orion Nuclear & Constellation



BRYAN TIMM

CHAIR OF THE AUDIT COMMITTEE AND MEMBER OF THE COMPENSATION COMMITTEE

Former Columbia Sportswear President/COO/CFO and current GigCapital8 Audit Chair. He brings deep public-company governance, finance, and capital-markets expertise



DR. RALUCA DINU

CHAIR OF THE COMPENSATION COMMITTEE AND MEMBER OF THE NOMINATING AND CORPORATE GOVERNANCE COMMITTEE

CEO of QT Imaging and GigCapital Partner. Semiconductor veteran with global manufacturing, operations, and public-company transaction expertise



ADRIAN ZUCKERMAN

MEMBER OF THE NOMINATING AND CORPORATE GOVERNANCE, AND COMPENSATION COMMITTIES

Former U.S. Ambassador to Romania and international attorney. Expert in energy security and geopolitics, providing strategic regulatory and governance leadership



ROBERT LEWIS

MEMBER OF THE NOMINATING AND CORPORATE GOVERNANCE, AND THE AUDIT COMMITTEES

Former NRC Deputy Executive Director with 32 years of leadership. Expert in nuclear safety and rulemaking, advising Hadron on licensing and regulatory strategy



RAANAN HOROWITZ

CHAIR OF THE NOMINATING AND CORPORATE GOVERNANCE COMMITTEE AND MEMBER OF THE AUDIT COMMITTEE

Former Elbit Systems of America CEO, scaling the defense firm to $1.6B. A GigCapital7 director and national security expert with deep experience in global manufacturing and innovation



DR. AVI KATZ

EXECUTIVE CHAIRMAN OF THE BOARD, MEMBER OF THE COMPENSATION, NOMINATING AND CORPORATE GOVERNANCE COMMITTEES

GigCapital Founder and serial PPE issuer with 12+ public listings. 40-year tech innovator and Ph.D. engineer with deep public/private C-suite experience

Board of Directors

An experienced Board built to guide Hadron through public-market execution, regulatory approval, and commercial deployment.

Multiple GWs of Demand in the Pipeline

Demand spans data centers, military installations, and remote applications: multiple GWs of MOUs and LOIs, active hyperscaler engagements, and a build-own-operate model selling power under long-term PPAs now in negotiation. We've assembled an all-star engineering team, listed on Nasdaq, launched digital twin development, and filed 5 patents to bolster our IP portfolio. Our breakthrough patent-pending MMR core design anchors a strong IP foundation as we engage with the DOW, DOE, and NRC.

Market Overview

- Significant Government Support
- DOE Projects Power Growth of 15-20% by 2035(1)
- 100% of Approved Reactors in the U.S. are Light Water Designs
- Strong Push for Low Carbon Energy Solutions

Commercial Traction

- **Multiple GWs Pipeline** of Near-term Opportunities and active engagements with Leading Hyperscalers
- **Smartland Energy** - Strategic investment and a multi-project deployment framework covering up to five behind-the-meter power projects, each sized at approximately 150 MWe

Product

- 6-Year Refueling Cycle
- 60-Year Useful Life
- 10 MW of Electrical Power
- 45 MW of Thermal Power

Regulatory & Scientific Engagements

U.S.NRC · INL Idaho National Laboratory · IAEA · NEI Nuclear Energy Institute · America's Navy · American Nuclear Society · Los Alamos National Laboratory · U.S. Department of Defense · U.S. Department of Energy

Hadron Energy



Learn about our vision

Building The Future Grid - Clean, Compact, Unstoppable.

Thank you

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These forward-looking statements include all matters that are not historical facts and include, without limitation, estimates, forecasts or projections regarding Hadron's future manufacturing capacity and plant performance; market opportunity and market share; estimates and projections of adjacent energy sector opportunities; Hadron's projected commercialization costs and timeline; Hadron's ability to demonstrate scientific and engineering feasibility of its technologies; Hadron's ability to attract, retain and expand its future customer base; Hadron's ability to timely and effectively meet construction and development timelines and scale its production and manufacturing processes; Hadron's ability to develop products and services and bring them to market in a timely manner; Hadron's ability to compete successfully with energy products and solutions offered by other companies; Hadron's expectations concerning relationships with strategic partners, suppliers, governments, regulatory bodies and other third parties; Hadron's ability to maintain, protect, and enhance its intellectual property; future ventures or investments in companies or products, services, or technologies; Hadron's expectations regarding regulatory framework development; the potential for and timing of receipt of licenses and permits for current and future operations, including licenses to operate nuclear facilities from the U.S. Nuclear Regulatory Commission; the success of proposed projects for which Hadron's products would provide power, which is outside of Hadron's control; the safety profile of Hadron's technology; the execution and success of any definitive agreements related to partnerships and collaborations between Hadron and third parties; and Hadron's expectations with respect to future performance. 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(now Hadron Energy, Inc.) with the SEC on April 15, 2026, and in Hadron's Current Report on Form 8-K filed with the SEC on June 1, 2026 in connection with the closing of the business combination, in each case as such risk factors may be updated or supplemented from time to time by Hadron's subsequent filings with the SEC, including its Quarterly Reports on Form 10-Q and Annual Reports on Form 10-K. Other unknown or unpredictable factors or underlying assumptions subsequently proving to be incorrect could cause actual results to differ materially from those in the forward-looking statements. Although Hadron believes that the expectations reflected in the forward-looking statements are reasonable, Hadron cannot guarantee future results, level of activity, performance, or achievements. You should not place undue reliance on these forward-looking statements. 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