



Hadron Energy

The World's **Smallest, Lightest,**
Most Versatile Micro Modular Reactors



“DELIVERING ENERGY FREEDOM EVERYWHERE – CLEAN, SAFE AND ALWAYS ON”

TRULY MICRO - TRULY MODULAR



P. 2/12

LIGHT WATER TECHNOLOGY


10 MW_e
ELECTRICAL POWER


35 MW_{th}
THERMAL POWER


7-8 Year
ELECTRICAL POWER



A SAFETY FIRST DESIGN - PROVEN BY 27 MILLENIA OF OPERATIONAL HISTORY

1 - Fuel Pellet

UO₂ ceramic fuel pellet retains the majority of fission products within its crystalline matrix



2 - Cladding

Zirconium alloy cladding that surrounds fuel pellets to form a sealed and pressurized fuel pin



3 - Pressure Vessel

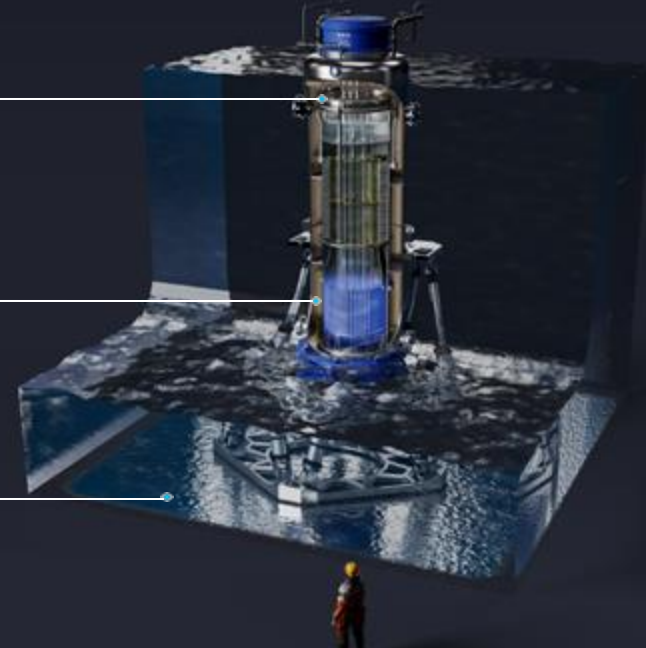
3-4 inch thick steel reactor pressure vessel that contains the reactor core, steam generator and primary coolant

4 - Containment Skin

1 inch thick steel containment vessel that surrounds the RPV, serving as a secondary physical barrier

5 - Suppression Pool

Approximately 60,000 gallons of water filled suppression pool that acts as the ultimate heat sink during any postulated accident scenario





DECADES OF LICENSING HISTORY

Light water reactors (LWRs) have been in commercial operation for 68 years, providing a solid foundation of operating data and a well-established licensing framework.



24/7 UNINTERRUPTED POWER

Having a 24/7 uninterrupted power supply is indispensable for data centers, remote communities or island nations, where even a brief outage can lead to costly downtime and compromised services.



IDEAL FOR INDUSTRIALS

The Hadron Energy MMR is perfectly suited for a range of industrial applications requiring both process heat and electricity such as desalination.

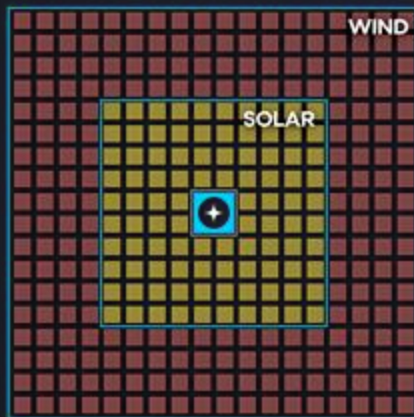


10 YEAR FUELING CYCLE

The 7-8 year refueling cycle drastically reduces operational costs by eliminating the need for frequent 18-24 month refueling and complex fuel logistics.



10MWe ON .6 ACRE Land Requirements



COMPACT POWER. MASSIVE IMPACT.

Our 10MW requires **720x less land than wind** and **150x less land than solar**, making it the most space-efficient path to reliable decarbonization.





Hadron Energy



TEAM HADRON

AT **HADRON**, WE'VE BUILT THE TEAM THAT CAN **DELIVER THE FUTURE OF ENERGY**

ALL STAR ENGINEERING TEAM. DEEP REGULATORY BACKGROUND.

"This team is the perfect blend of frontier engineering and institutional excellence. From leading regulatory bodies like the NRC, deep commercial nuclear experience, pioneering propulsion systems at NASA and commercial IPOs, we've assembled an all-star group capable of redefining what's possible in nuclear energy."

- Samuel Gibson, Founder & CEO

PhDs held	US nuclear patents held	Years of Nuclear Experience
50%	30+	140+





DATA CENTERS

TAM
\$334 BILLION

CAGR
20% 2025-2040

Enterprise, Colocation, Managed Services, AI,
Crypto, Cloud, Edge, Hyperscale, Modular



REMOTE AREAS

TAM
\$1.2 TRILLION

CAGR
8% 2025-2040

Mining, Research Stations, Island Communities,
Disaster Relief, Telecom



INDUSTRIAL

TAM
\$1.53 TRILLION

CAGR
6% 2025-2040

Manufacturing, Steel, Chemical Processing, Oil & Gas,
Cement & Construction, Pulp & Paper Mills,
Water Desalination





Hadron Energy



Hadron Energy



NRC REGULATORY PROCESS

PRE-APPLICATION ACTIVITIES

- ✓ Design — 10MW Lightwater
- ✓ Cost — \$\$\$\$
- ✓ Time to Market — 2029



Westinghouse



NRC REGULATORY PROCESS

PRE-APPLICATION ACTIVITIES

- ⌚ Design — 5MW Sodium Cooled
- ✗ Cost — \$\$\$\$
- ✗ Time to Market — 2031



RADIANT

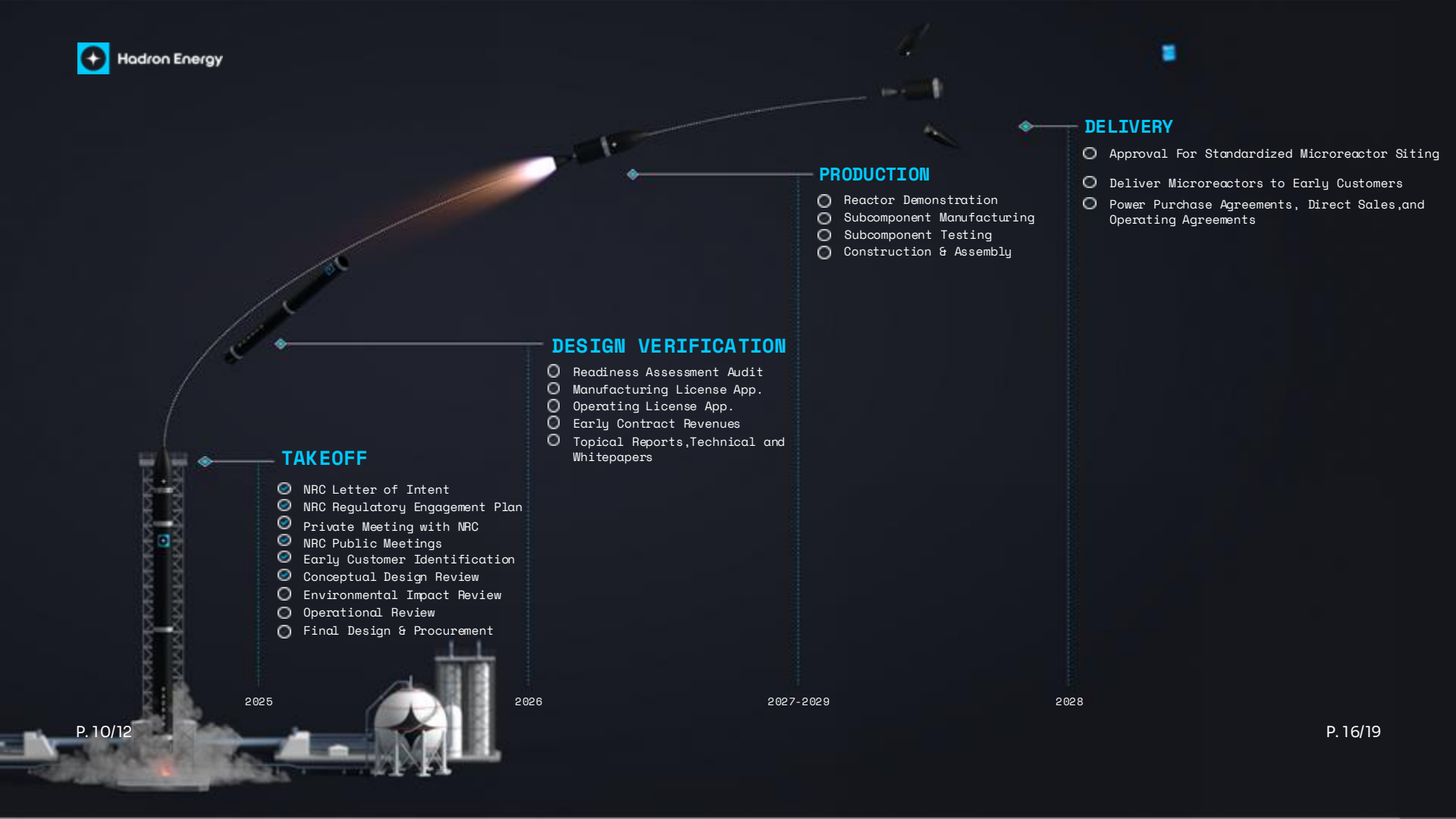


NRC REGULATORY PROCESS

PRE-APPLICATION ACTIVITIES

- ⌚ Design — 1MW Helium Cooled
- ✗ Cost — \$\$\$\$
- ✗ Time to Market — 2032

COMPETITIVE LANDSCAPE



NUCLEAR IS SLOW BUT **WE ARE FAST**

Hadron Energy has accelerated rapidly since its founding on [July 8th, 2024](#). We've Built a full-time engineering team, launched digital twin development, and filed multiple patents and trademarks. With \$60B in signed LOIs, 360+ units in demand, and our first paying data center customer, we're scaling fast and actively engaged with the DOD, DOE, and US NRC to bring next-gen nuclear power to market.

Design

- ✓ 4 patents filed: Utility & Design
- ✓ Hadron Regulatory Plan
- ✓ 6 Copyrights & Trademarks

Customer Traction

- ✓ \$60Bn Signed Letters of Intent
- ✓ 1 Paying Data Center Client
- ✓ 360+ Units Requested

Fundraising

- ✓ Major funding pending
- ✓ In Due Diligence With Several Interested Parties

Regulatory & Scientific Engagements



24/7 CLEAN AIR ENERGY



THANK YOU!