



Hyperion Power
New Clear Energy

Hyperion Power Generation, Inc.

Company Overview: Hyperion Power was formed to commercialize a small modular nuclear reactor designed by Los Alamos National Laboratory (LANL) scientists. The reactor, known as the Hyperion Power Module (HPM), was designed to fill a previously unmet need for a transportable power source that is safe, clean, sustainable and cost-efficient.

Problem: To meet the planet's need for affordable energy, different types of clean, emission-free technologies must be developed. Nuclear power, with its ability to provide robust, continuous, and reliable energy—regardless of weather conditions—must be part of this mix.

Solution: Each HPM will provide approximately 25 MWe—enough to power 20,000 homes or the equivalent of industrial equipment. The HPM was created to combine the benefits of nuclear power—efficiency, reliability, low cost, no carbon emissions—with design features providing safety and security. Given its small size, the module is ideal for locations requiring low-cost, safe, secure, independent baseload power.

Business Model: Hyperion Power will perfect the HPM design to take advantage of the economy of mass-production instead of the economy of scale as is presently done in the nuclear power industry. Hyperion Power will develop a minimum number of models to allow uniformity of design. Approximately 1,000 of the first design, priced at \$50 million each and slated to provide power for 8 to 10 years, will be needed to meet demand.

Marketing Opportunity: HPMs will power communities that are either too remote and too small for conventional coal, gas and nuclear power plants, or that desire independent power (military bases, industry, campuses) or as baseload power for conventional clean energy such as wind and solar.

The company is initially targeting three markets: military installations, mining and industry, and remote communities. Hyperion Power can reduce energy costs by up to 80 percent for customers in these segments, which combined represent a \$760 billion opportunity.

Competitive Advantage:

- Unique, proven technology and design offering substantial performance and cost advantages to several multi-billion dollar markets
- Benefits of nuclear energy (including no CO₂ emissions) afforded to locations formerly unable to use nuclear power
- Exclusive worldwide commercialization for license from LANL, the premier laboratory for developing small nuclear power reactor technology
- Complete management team, comprising nuclear and cleantech industry leaders

Management Team: John R (Grizz) Deal, CEO; Mark Campagna, COO/CNO; Dr. Otis (Pete) Peterson, CTO; Dr. L. Robert Libutti, VP strategy; Dr. Turner (TJ) Trapp, VP engineering; Deborah Blackwell, VP licensing & public policy; James Jones, VP business development

Funding Request: \$50 million.



JOHN R. "GRIZZ" DEAL

Investors: Altira Group, industry partners

Year Founded: 2007

Employees: 12; more than 50 contractors

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In Attendance:

John R Grizz Deal, CEO