Brilliant Light Power

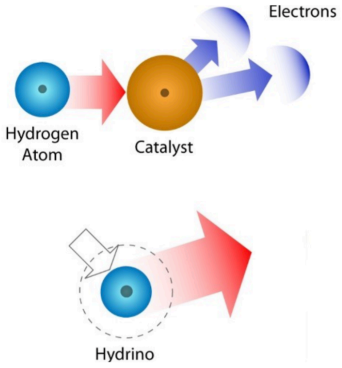
Transformative Clean Energy - Like Sunlight in a bottle

Company Overview

Brilliant Light Power, Inc. (BLP) has developed SunCell®, a revolutionary, non-polluting energy technology that generates electricity from Hydrino® — a newly discovered, more stable form of hydrogen. This breakthrough enables the most powerful energy release possible, more than 200 times the energy of burning hydrogen, without carbon emissions, pollutants, or fuel dependency.

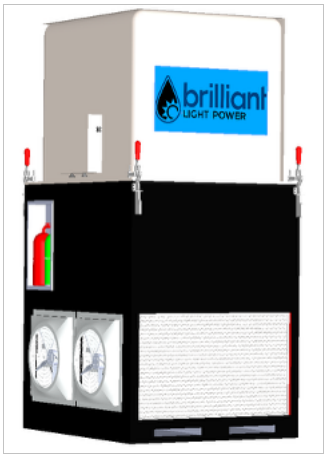
After over $150 million invested and more than three decades of research and development, BLP has reached a critical inflection point. With independent scientific validation and a 100kW light-emitting prototype, the company is now preparing for PV dome development, commercial packaging, corporate partnerships and field tests; followed by market entry.

The Technology



- Core Innovation: Hydrogen atoms react with a catalyst, forming Hydrino® and releasing brilliant high-energy light, captured by concentrator photovoltaic (PV) cells to generate electricity.
- Inputs: Small amounts of hydrogen (generated via on-site water electrolysis) and electricity to initiate the reaction.
- Outputs: Massive net-positive DC electrical power, convertible to AC for virtually any application.

System Design



- Light Emission Subsystem: Enclosed molten-metal electrodes initiate the Hydrino® reaction, producing intense light and heat.
- Electricity Generation Subsystem: High-efficiency concentrator PV cells convert light into electricity.
- Long-life design with modular construction for quick servicing.

Market Opportunity

- Massive Addressable Market: SunCell® can replace or supplement virtually all existing energy sources — from industrial power to electric vehicles, crypto mining, and AI data centers.
- Competitive Advantages:
- Cost: ~$0.001/kWh — up to 220x cheaper than current energy sources.
- Capital Cost: ~$25-50/kW ($5,000 per 100kW unit)
- Zero Emissions: No CO_2, greenhouse gases, or pollutants.
- 24/7 operation

- Small size (even for transportation applications).
- No Supply Chain Bottlenecks: Uses off-the-shelf components, no rare earths.
- Scale Potential: A $300B investment in 60 million SunCell® units could generate 15 terawatts of present-day global capacity without emissions.

Validation & Achievements

- Scientific Proof: Hydrino® confirmed by 24 independent methods at leading universities and companies.
- Engineering Breakthroughs: Overcame extreme plasma temperatures, molten metal injection and recycling, plasma ignition, and optical transfer challenges.
- Global IP Portfolio: 80+ granted patents and 100+ pending; over $20M invested in intellectual property protection.
- Prototype: Fully functional 100kW Light Emitting subsystem of the SunCell®.

Commercialization Roadmap

2026/2027 Milestones:

1. $40M Capital Raise to fund final engineering, packaging, and certification.
2. In-House Demonstrations with 70+ interested corporations.
3. Field Tests with strategic corporate partners.
4. Commercial Packaging by leading engineering firm.
5. PV Converter Optimization with thermophotovoltaic manufacturers.
6. Manufacturing Partnerships with global contract manufacturers (e.g., Flex, Jabil, Sanmina).
7. UL Certification and scaled production.
8. IPO in 1H 2028.

Investment Highlights

- Breakthrough Energy Science: Potential to redefine the global energy landscape.
- Independently Validated Technology: Verified power output, theory, and commercial viability.
- Extraordinary Economics: Lowest capital and operating costs in the energy industry.
- Rapid Scalability: Modular, decentralized production and deployment.
- Sustainable Competitive Advantage: Dominant global patent position.
- Clear Path to Monetization: Corporate field testing → commercial rollout → IPO.

brilliant LIGHT POWER

www.brilliantlightpower.com
105 Terry Drive, Suite 103, Newtown, PA 18940
Phone: (609) 490-1090