



BLACKLIGHT POWER
BLACKLIGHT POWER

SENIOR MECHANICAL ENGINEER

Primary Job Functions:

As part of a research and development hydrogen-based energy technology team, the successful candidate will work in this multi-faceted position with broad responsibilities that span traditional Mechanical Engineering functions including translation of laboratory processes through pilot plant with the ultimate aim of identification of a commercially viable process.

Key Success Factors:

PhD with at least eight (8) years of extensive, hands-on industrial laboratory experience. While the thermal and mass transport sciences and associated processes are requisite, the following are complementary:

- Rankine Cycle Engineering
- Instrumentation
- Machine Design
- Materials
- Numerical Methods
- Process Scale Up
- Chemical Engineering Capability
- Pilot Plant Design and Operation
- Project Management
- Demonstrated Grant-Writing Experience
- Prior Experience Working on Classified Projects; Security Clearance

The critical elements are depth and breadth of analytical and experimental engineering skills, enhanced by creativity, cross-disciplinary problem solving and intuition, coupled with excellent time and project management capability. Wide-ranging design, engineering and operational experience required. Must be able to clearly recognize and communicate scale-up challenges that exist and suggest solutions, timelines and resources required to solve these challenges. Proven multi-functional team leadership and formal presentation skills are required.

BlackLight Power, Inc. offers competitive salaries and a comprehensive benefits package. For more information regarding BlackLight Power, Inc., please visit our web site at: <http://www.blacklightpower.com>

To apply, please forward your résumé citing *Senior Mechanical Engineer* via email, fax, or mail to BlackLight Power, Inc., Attn: Human Resources, 493 Old Trenton Road, Cranbury, NJ 08512, Fax: 609-490-1066, hr@blacklightpower.com.