



Sr. Power System Engineer

Full Time Opportunity; Berkeley, CA

About Noble Thermodynamics

Driven by our mission to radically and quickly reduce the world's carbon emissions and accelerate the transition away from fossil fuels, Noble Thermodynamics is bringing to market its breakthrough in power generation technology offering zero-carbon, dispatchable, and affordable power. Our technology is a reciprocating engine with no exhaust!

We seek to grow our team with individuals who share our core values of professional excellence, perseverance, integrity, and team spirit, and who strive to build strong and genuine relationships with their peers. Most importantly, we celebrate diversity, work to achieve equity, and are committed to creating an inclusive environment among our growing team.

Noble Thermodynamics is a cleantech R&D startup rooted in Berkeley, CA backed by the U.S. Department of Energy, the U.S. National Science Foundation, the California Energy Commission, and top tier industry and academic partners. More information can be found at www.noblethermo.com.

Position Summary

Noble Thermodynamics is seeking an experienced, detail-oriented Sr. Power System Engineer to lead the R&D for our advanced power generation technology. As the Sr. Power System Engineer you will be responsible for managing engineering projects, overseeing the engineering team, and working closely with cross-functional team members on business operational duties. This role demands an *all hands on deck* approach, where you will be expected to execute on engineering tasks alongside your managerial responsibilities of guiding, reviewing, and assisting in the development of numerical models, engineering designs, system controls, and system assembly. You will also work to establish and maintain technical relationships with suppliers, partners, and clients. Finally, you will actively and collectively maintain employee morale and promote a healthy team culture, integral to the core values of our company.

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Responsibilities

- Lead your team, consisting of engineers, technicians, and interns, through R&D plans, meeting milestones, and delivering in a timely manner.
- Prepare, review, and analyze engineering blueprints, numerical models, fabrication jobs, and experimental results to execute corrective actions and maintain high-quality and timely progress.
- Assist in the preparation of project proposals, work packages, bill of materials, and technical R&D plans.
- Create and enforce standardized procedures regarding scientific methods, product development, and laboratory safety.
- Serve as the interface between the engineering team and outside suppliers, manufacturers, and technical service providers.
- Consolidate and maintain constant communication between engineering and management teams.
- Cultivate and promote a healthy work culture among your team and peers.

Qualifications

- MS degree or higher in Engineering with 5-8 yrs of relevant experience in engineering project management.
- Demonstrated experience working on power systems development, especially reciprocating engines, including but not limited to engineering design, numerical modeling, system integration and troubleshooting, experimental testing, and data analysis and validation.
- Exceptional leadership, communication, and managerial skills.
- Ability to see the bigger picture, valuing long term gain over short term progress.
- Ability to thrive in a dynamic, fast-paced start-up environment.

Bonus Qualifications

- Prior experience working with/for large engine OEMs.
- Demonstrated track record of project management/delivery to internal and external groups on time following the highest standards of quality.
- Has a wide and strong network in the engine combustion research, development, or technology space.

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Employment

Type: Full Time

Location: Berkeley, CA.

Condition: Authorized to work in the United States.

Benefits

Competitive salary and stock options.

Health, Vision, and Dental coverage.

Vacation, Holidays, Sick leave, and Parental leave Paid time off.

Disclaimer

Noble Thermodynamic Systems, Inc. is an Equal Opportunity Employer and does not discriminate on the basis or perception of race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status or any other consideration made unlawful by federal, state, or local laws.

It is company policy to perform background checks and review candidate references. In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification form upon hire. Noble Thermodynamic Systems, Inc. participates in the E-Verify Program.