

Position: Product Engineering – Mechanical Engineer

Company: Staq Energy, Inc. (www.staqenergy.com)

Location: 321 S. Taylor Avenue, Suite 250, Louisville, CO 80027

About Us

[Staq Energy, Inc.](http://www.staqenergy.com) is developing distributed energy storage solutions to accelerate the adoption of renewable energy. Using our proprietary battery technology, Staq Energy is developing a new generation of products and services for global stationary energy storage markets. If you have a professional background outlined below, are passionate about working in a fast-paced environment, want to cultivate your expertise and collaborate with some of the world's top talent, we'd like to hear from you.

Position Summary

Staq Energy is seeking a Mechanical Engineer, who has a successful professional track record working in engineering development programs in a high-technology or manufacturing environment and has a passion to work in a clean-tech startup. You will serve as a primary system hardware design engineer while providing hardware engineering and design support to the research and development team. This position requires an individual who has relevant background and skills, works effectively cross-functionally, takes ownership, is self-initiating, and has very strong interpersonal and communication skills.

Primary Responsibilities

- Design and build prototype battery packs and outdoor-rated system enclosures to house Staq's battery technology
- Perform thermal modeling and testing on battery packs and system enclosures
- Design and build fixtures/prototypes to support various R&D activities to meet development milestones
- Effective resource planning based on requirements and timelines of internal and/or external projects at suppliers and OEM partners
- Evaluate proposals, develop concepts, interpret specifications, identify and manage technical risks, and generate and present proposals as needed

Job Requirements

- BS or MS in Mechanical Engineering or a related field; Job Title can be adjusted based on level of experience
- Heat transfer and thermal modeling experience
- Expertise in SolidWorks, including FEA simulations for thermal, structural, and electrical analysis
- Knowledge in the following disciplines: materials compatibility; polymer processing (injection molding, extrusion, sealing/welding); rheology; corrosion; metal welding methods and best practices; bonding of various material; assembly of multiple-component systems

- Hands on experience operating standard machine shop tools (mill, lathe, power tools), CAM experience is a plus
- Experience in design for sheet metal stamping, forming to produce enclosures is a plus
- Results-oriented with ability to set clear project objectives and focus to achieve desired results
- Able to manage projects on time and on budget
- A self-motivated individual with strong communication, problem solving and analytical skills
- Early stage / start-up experience, ideally in a VC backed company, is highly desired

Competency Profile Requirements

HIGH ENERGY

- Effective communicator of company's vision to internal staff, vendors and investigators.
- Imparts enthusiasm and true passion for the product and mission.
- Works and inspires others to work at high performance levels.

MANAGERIAL COURAGE

- Creates vision and removes barriers.
- Provides more leadership than management, with more coaching than supervising.
- Recognizes employee strengths and emphasizes them.
- Creates an environment that cultivates employee pride of ownership in their work.

INTEGRITY AND TRUST

- Consistent, with honesty and fairness.
- Worthy of trust.
- Credibility is built upon integrity and professionalism.
- Ethics are never compromised.

LISTENING AND COMMUNICATIONS

- Entirely approachable.
- Actively listens, translates and reacts objectively, even in stressful interchanges.
- Has the ability to clearly communicate company's business goals.
- Recognizes the importance of all employees and management listening to one another.
- Communicates with clarity and appropriately for the audience.