

# Development Engineer



## About the Company

MicroEra Power is located in a StartUp NY Clean Energy Commercialization Center in Rochester, NY. The facility previously hosted major corporate users for fuel cell development. The company is a member of the Clean Energy Business Incubator Program (CEBIP) at Stony Brook University, and Greentown Labs at Boston/Houston. The company is venture backed.

The energy landscape is changing rapidly and innovation plays an important role. MicroEra Power is positioning to pilot a thermal energy storage solution for low-carbon and low-cost heating and cooling for commercial buildings. Seeking intelligent, capable people to join the team as we prepare to pilot, demonstrate, and launch into the marketplace!

## Role Description

- Direct and manage Product Development Engineering process and deliverables
- Develop innovative design concepts for Thermal Energy Storage using a combination of prototyping, 3D modeling, and simulation
- Outline project requirements and specifications based on analytical models
- Validate designs using Analytical calculations, Design of Experiments (DOE), to ensure robustness to meet project goals
- Drive designs to meet cost, quality, and Design for Manufacturability and Assembly requirements and specifications
- Collaborate with cross-functional teams and suppliers to develop new product concepts, features, systems and apply innovative designs
- Support complete system level and component level testing to validate product designs meet goals
- Guide resolutions of issues related to technical components and performance
- Manage projects to timing and budget
- Develop and present results and recommendations to project teams, senior management, and other organizations as requested

## Job Qualifications

- Bachelor of Science or higher in relevant Engineering or STEM field
- 5+ years of new product development engineering experience
- Experience with developing HVAC products
- Demonstrated experience in many of the listed responsibilities
- Strong Project Management skills
- Familiarity with CAD software tools

Apply Here: <https://forms.gle/NW9KnvqpYyXy8CrCA>

Questions or other inquiries? Email [info@microerapower.com](mailto:info@microerapower.com)