



285 Metro Park
Rochester, NY 14623

August 29th, 2022

Controls Engineer

About MicroEra Power:

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 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!

Job Description:

- Create controls plans for lab-scale to pilot-scale HVAC systems involving Thermal Energy Storage
- Apply engineering knowledge of HVAC systems and integration to develop and modify systems to include Thermal Energy storage
- Develop code for thermal energy storage prototype data collection and post processing
 - Quantify and analyze parasitic losses from prototype components
- Manage interns working on controls related projects for prototype systems
- Assist in calculating overall thermal energy storage system efficiency
- Identify resources and procedures for building monitoring to optimize energy efficiency
- Contribute to technical product development designs and concepts
- Support sustainable supply chain development
- Assist with MVP specifications, testing, and component sourcing

Job Qualifications:

- Bachelor's degree in Engineering or related fields; or associate degree or equivalent from two-year college or technical school with a certificate in HVAC, AAS, or BAS with a minimum of 3+ years of related experience
- Minimum of 2+ years of experience in HVAC control development or Building Automation Systems
- Clear internal and external customer communication skills

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