

DECARBONIZATION ENGINEER

At GreenerU, we envision educational and community institutions leading the world in mitigating climate change. Our mission is to help our clients achieve climate neutrality and sustainable operations.

GreenerU helps institutions navigate the organizational, operational, and infrastructure changes required to reach climate neutrality through planning, engineering, and implementation. We're in this because we care—about the planet, about our clients, and about each other.

We are looking for a committed, passionate, fun, and energetic individual to join our team.

THE POSITION

GreenerU collaborates with institutions to plan, engineer, and construct carbon reduction and energy efficiency solutions. We partner with institutions to help them meet their carbon neutrality goals, all while turning existing facilities into higher-performing buildings, maximizing financial returns, and realizing other benefits.

GreenerU seeks a highly motivated Decarbonization Engineer who will sit at the intersection of energy analysis and decarbonization project development. This person will have the skills to work with internal and external stakeholders during complex energy-efficiency and decarbonization project development phases. The ideal candidate will be able to manage increasingly complex energy modeling and design engineering at various stages of the decarbonization pathway to develop successful energy and carbon reduction projects.

The Decarbonization Engineer should be skilled at understanding the required analysis for a given effort, supporting GreenerU's overall goal of delivering deep carbon reduction projects. This is a hybrid role with a primary work location at GreenerU's Waltham office, as well as at customer and partner sites in the New England area.

PRINCIPAL DUTIES

- o Conduct field investigations of existing building systems
- o Perform ASHRAE Levels I, II, and III audits
- o Perform energy and greenhouse gas baseline and benchmarking analyses
- o Create calibrated energy models to support measure development
- o Develop and implement functional test procedures for HVAC systems
- o Develop scopes of work and cost estimates of proposed energy efficiency and decarbonization projects
- o Support financial modeling of selected measures
- o Analyze client opportunities and assist in developing proposals
- o Develop and implement measurement and verification activities, as needed

REQUIRED SKILLS, EXPERIENCE, AND CHARACTERISTICS

- o BSME or related degree
- o Minimum 6 years of related experience
- o Deep understanding of HVAC controls and building automation systems
- o PE or CEM certification a plus
- o Strong verbal and written communication skills
- o Strong analytical skills
- o Ability to work independently in the field with limited guidance
- o Ability to work effectively in a team environment
- o Proficiency with MS Office, especially Excel
- o Knowledge of OpenStudio and EnergyPlus (or similar energy modeling software) and AutoCAD is a plus

BENEFITS

- o Competitive salary
- o Paid time off, parental leave, and eleven paid holidays
- o Health, vision, and dental insurance
- o Employer-supplemented HSA
- o Employer-matched 401(k) plan
- o Career learning and development opportunities

OUR CULTURE

At GreenerU we create a culture of excellence, key components of which include:

- o Strong collaboration both internally and with our clients
- o Putting our clients' interests first
- o Continually raising the bar by which we measure success
- o Frequently seeking feedback from and respectfully providing feedback to co-workers and clients on how to grow and improve
- o Hiring and promoting high-performing individuals