

Project Manager: Energy Modeling Analyst

Join a dynamic, growing company dedicated to helping successful companies drive improved profitability through sustainability! Sustainable Solutions Corporation (SSC) was founded to help drive and empower global change. Together with our sister company, GreenCircle Certified, we live our mission every day.

SSC is a consulting firm that works with industry leaders to define and to implement best practices related to sustainability. Our clients find value in our services because they know how compelling the financial results are when sustainability is done correctly. We work with global companies (generally between \$500M and \$10B in annual revenues) who want help with crafting a corporate strategy, or assistance with specific products and manufacturing processes and/or building performance. **Our office is fully remote until September 2021.**

Our Core Values

Our team is comprised of vibrant individuals who share a set of core values that focus on:

- Passion for sustainability and informed respect for our environment
- Treating others with dignity and respect always
- Acting with integrity
- Placing collaboration above individual success

Our Culture

With our headquarters in Royersford, PA, we enjoy working in a 150-year old sustainable building right on the river and are active participants in local efforts such as stream clean-ups, community gardens, etc. We have a great culture with lots of flexibility around working hours and remote working arrangements where appropriate. We are looking for talented, energetic, and purpose driven individuals to join our growing company.

Social Equity

SSC believes that businesses have a commitment to serve not only our clients and employees, but also the communities in which we occupy. We take our responsibility

seriously and we are always looking for more ways to give back to our community. Below are some of the efforts we make to improve our communities:

- **Company Garden:** We grow fresh, organic vegetables in the raised beds outside of our office building and donate them to our local food pantry.
- **Stream Clean-up:** Every year we participate in the Perkiomen Watershed Conservancy's Stream Clean-up event by gathering as a group and removing trash, tires, and other debris from regional land and waterways.
- **Backpack and Holiday Gift Donation:** We donate backpacks filled with school supplies at the start of the school year and presents during the holiday season to the Lifeline Baptist Community Church. Their program, A Lively Hope, accepts donations for children of parents who are imprisoned and newly released community members. Children who have lost parents or loved ones to violent acts of crime, parents who have passed away while incarcerated, as well as parents who are in rehabilitation services.

Job Description

The **Project Manager: Energy Modeling Analyst** will be responsible for managing projects for our diverse and prominent client base. Through sustainable operations and building performance improvement, the Energy Modeling Analyst directly enables clients to lead their markets by meeting sustainability objectives, reducing costs, and decreasing environmental impacts. The Energy Modeling Analyst uses real-world building data and technology data to inform product development, system/application design, and end user experience. The Energy Modeling Analyst will lead exciting projects by implementing our world-class services including Energy Efficiency Analysis and Energy Modeling; Building Conditions Assessments; LEED Certification; ENERGY STAR Benchmarking; and Green Building Design.

Role Overview and Responsibilities

The primary responsibilities include, but are not limited to:

- Performing energy modeling analysis of new and existing buildings for various typologies (e.g. commercial, pharmaceutical, laboratory, manufacturing) using whole building analysis programs (e.g. eQUEST, EnergyPlus)
- Collecting building design data, building energy models and performing simulations to satisfy program requirements (e.g. LEED, P4P, NYSERDA)
- Writing reports communicating energy analysis findings, reports design recommendations for improved energy performance and calculates associated LEED benefits or other relevant metric systems

- Evaluating building conditions, efficiency of building operations, and energy efficiency (HVAC, Renewable Energy Systems, Stormwater Management, Sustainable Materials, and Water Efficiency) to perform Building Design/Building Performance Improvement Services
- Performing ASHRAE Level I and Level II Energy Audits at a variety of facility types
- Supporting LEED for Existing Buildings and ENERGY STAR Analysis, Feasibility, Documentation, and Certification – Utilize Excel, ENERGY STAR Portfolio Manager, and LEED Online to document building performance improvement
- Developing schematics for green building design projects using AutoCAD
- Applying programs and policies to specific buildings resulting in improved building performance
- Presenting results to clients in person and/or in written reports
- Interacting with building materials and products manufacturers to obtain product data
- Researching and applying for grants, incentives, and rebates that are relevant to project (including New Jersey Pay for Performance)
- Communicating with owners, architects, and subcontractors to support project goals
- Developing client relationships, ensure quality and customer satisfaction
- Ensuring that projects are managed and completed accurately, on time, and on budget
- Manage and train interns

Minimum Qualifications

- B.S. Degree in Mechanical Engineering, Architecture, Construction Management, or related field
- Experience with energy modeling, including proficiency in eQUEST software
- Proficiency with modeling HVAC systems (e.g. DOAS, AHU, MAU), building sciences, an interest in energy efficiency and a desire to perform highly detailed analysis
- Applicable knowledge of principles of sustainable development and Green Building Standards
- Competency in AutoCAD
- Aptitude for intelligence gathering, research analysis, and problem solving
- Data management experience: Ability to collect, manage, and analyze data from clients
- Excellent customer service skills: Meet clients' needs, resolve issues, keep clients informed and satisfied

- Demonstrated experience in project management and organizational skills, with the ability to prioritize numerous tasks effectively
- Excellent written, verbal, and presentation communication skills, and the ability to interface with clients at all organizational levels

Preferred Qualifications

- One to three years of sustainability consulting experience
- M.S. in Mechanical Engineering, Architecture, Construction Management, or related field
- Experience with LEED and ENERGYSTAR certification processes
- Experience in energy modeling of pharmaceutical, laboratory, or manufacturing facilities
- Experience conducting ASHRAE energy audits
- Professional certifications such as: Professional Engineer (PE), Engineer in Training (EIT), Building Energy Modeling Professional (BEMP), Certified Building Energy Simulation Analyst (BESA), Certified Energy Manager (CEM), LEED AP/GA

SSC is on a trajectory of growth and we are looking for talented new team members to grow with us! We offer an unusual and generous total compensation package, a casual work environment, a diverse and inclusive culture, and an outstanding opportunity for professional development for the right individuals. Our environment will reward individuals who take initiative in their own career planning, and who are comfortable in defining and delivering “next steps” toward professional growth.

How to Apply

- Submit your resume and cover letter to Sean@sustainablesolutionscorporation.com.
- On your cover letter, please provide a brief explanation about why you are interested in working for our company, as well as 1-2 sentences on the unique skills you possess, and how they will benefit you in this role.