



Senior Renewable Engineer

Berkley, Michigan

We are looking for an experienced and talented senior engineer to support our team developing and executing renewable energy projects and studies. As a senior energy engineer with Energy Sciences, you will join our team of energy efficiency professionals helping customers be carbon free, zero net energy and carbon neutral in commercial buildings and industrial processes and plants.

This position has a hybrid home-based office and in-person office in the Greater-Detroit area. Up to 35% local travel is required. A local candidate is preferred.

Your background

- Bachelor's degree in mechanical or electrical engineering.
- Ten to fifteen years of experience with commercial and industrial facilities carbon neutral, carbon free and zero net energy projects development and installation.
- Ten to fifteen years of experience with:
 - Power Purchase Agreements (PPAs) design, negotiation and management
 - Greenhouse Gas (GHG) Emission tracking
 - Renewable Energy Credits (RECs) pricing, purchase and procurement
 - Beneficial electrification
 - Battery Energy Storage System (BESS)
 - Renewable energy grants and incentives
 - Community solar
 - Solar and wind projects inspection
- Good knowledge of HVAC, solar, wind, battery storage, EV charging, lighting, compressed air, refrigeration, HVAC control, lighting, and lighting control systems.
- Experience giving presentations.
- Technical sales experience.
- Experience working with CRMs/Salesforce.
- Certified energy manager (CEM) preferred.
- Strong quantitative and qualitative analytical skills.
- Effectively demonstrate ability to work as part of a multiple disciplinary team.
- Computers and software applications used in business settings (e.g., Microsoft Office, Excel, PowerPoint).
- Outstanding customer service principles and practices.
- ESG score calculation.

Day to day

- Develop and manage solar, wind, energy storage projects in different stages from conceptual schematic design to execution.
- Commercial and industrial facilities zero net energy, carbon free and carbon neutral consulting.
- Strategic energy management planning and execution for commercial and industrial facilities
- EV charging stations consulting.
- Renewable Energy Credits (REC) consulting.
- Solar and wind projects inspections.
- Coordinate and independently perform technical research and study, analyze, and present results in a useful, understandable, and actionable way.
- Grant writing and grant management including delivery and closure.
- Performs research, planning, and technical analyses for complex projects.
- Performs related sustainability work and special projects as assigned.
- Travel to project sites from time to time to gather site-specific data, as required.
- Contributing to or writing technical papers and reports.
- Produce site-specific production analysis of PV arrays.
- Assist in the development of detailed equipment specifications.
- Design and engineer commercial and utility-scale PV solar systems and energy storage.
- Work in cooperation with other energy efficiency professional to move projects forward and follow-up on leads.
- Perform presentations of projects.
- Maintain organized project files containing project documentation, correspondence, appropriate reference materials, etc.
- Prepare weekly, monthly, and quarterly activity reports and track projects progress.
- Develop a comprehensive understanding of the business customer base.
- Renewable energy consulting business development support.

About you

- You are a collaborative, enterprising individual who likes to work in an open team environment.
- You are a team player.
- You are a highly motivated self-starter who takes initiative.
- You can raise the performance bar and energize the entire team.
- You are excited about challenging the status quo and offer creative ideas for growth.
- You are a hard worker who can work with autonomy and independence.
- You have excellent verbal and written communication skills.
- You are able to make quick and sound decisions.
- You are able to develop solutions to a variety of complex problems.
- You are able to set priorities, coordinate multiple projects, work independently, and

meet critical deadlines.

Benefits

We offer an excellent full-time benefits package including DAY 1 benefits (medical, dental, vision, life, STD, LTD) a retirement plan with match, profit sharing, 13 paid holidays and 120 hours of paid time off starting in year 1.

More about Energy Sciences

Energy Sciences is on a mission to create a more sustainable and socially responsible energy future. We value working as a team, questioning the status quo to find new and better ways, doing our work with integrity, as well as taking responsibility and initiative to get things done. We provide professional consulting, training, and energy management services to commercial, industrial, and municipal sectors, delivering customized solutions and sustainable strategies.

Additional information

Energy Sciences is an equal opportunity employer and all qualified applicants will receive employment consideration without regard to race, color, religion, national origin, sex, disability status, protected veteran status or other characteristics protected by law.

If you are interested in applying, please submit your resume to info@esciences.us.