



Senior Energy Engineer

Michigan

As a senior energy engineer with Energy Sciences, you will join our team of degreed and licensed engineers, scientists, and energy efficiency professionals to meet the energy use challenges of large industrial and commercial facilities. We're looking for experienced and talented technical team members to assist our clients, from small businesses to Fortune 500 companies, in making their building systems work, identifying energy-saving opportunities, reducing waste, and saving money. You will play a key role in a growing company that is dedicated to driving our vision of a sustainable and socially responsible energy future, working in an exciting, collaborative environment.

This position has a home-based office in the State of Michigan. Up to 30% local travel within the state of Michigan is required. A local or willing to relocate candidate is required.

Your background

- *Bachelor's degree in mechanical engineering.*
 - *PE and CEM certifications are required.*
 - *PMP certification is a plus*
 - *Fifteen to twenty (or more) years of experience with:*
 - *Industrial and commercial facility energy audits*
 - *Carbon neutral feasibility studies and energy audits*
 - *Engineering and economic analyses based on trending, bin weather data, and regression analysis*
 - *ASHRAE level I, II, III energy auditing for commercial and industrial facilities*
 - *Process, HVAC, and lighting assessments to identify energy savings opportunities*
 - *Utility company energy efficiency rebates programs experience is a plus*
 - *Knowledge of buildings systems including HVAC, pumps, chilled water, hot water, steam, industrial processes, refrigeration, and compressed air*
 - *Working on-site with commercial and industrial customers and trade contractors*
 - *Writing technical reports and delivering presentations*
 - *Utilizing tools such as Microsoft Office and advanced skills using Excel*
 - *Managing project scope, schedule, and budget*
 - *Project management*
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Day to day

*Conducting industrial facilities energy efficiency assessments and site surveys.
Identifying and quantifying energy efficiency opportunities for processes, HVAC and lighting.
Performing energy and economic analyses. (Pricing, savings, incentive, ROI)
Develop conceptual and preliminary scope of work for energy efficiency measures
Collaborating with customers, assisting with technical questions and developing projects.
Preparing reports and delivering presentations.
Mentoring other technical team members to teach energy engineering fundamentals.*

About you

*You have excellent communications skills
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.*
