



Utility Program Energy Efficiency Senior Engineer St Joseph, MI; Fort Wayne, IN

Energy Sciences is currently seeking a senior energy efficiency engineer with Lighting, HVAC, building controls, refrigeration, compressed air systems, Retro-commissioning and industrial process improvements technical expertise to support our energy efficiency programs in SW Michigan and NE Indiana. The successful candidate will support the applications/savings calculations reviews and site energy audits/financial analysis of the custom program

Your background

- Bachelor's degree in mechanical or energy engineering
- CEM, CMVP, EBCP, PE certification preferred
- 7 to 15 years of experience working on energy efficiency utility programs for commercial and industrial facilities (Custom program experience is preferred)
- 7 to 15 years of experience with:
 - Conducting retro-commissioning, compressed air systems and HVAC surveys to identify energy savings opportunities in commercial and industrial facilities
 - Performing energy and economic analyses based on trending and weather data
 - Commissioning, retro-commissioning building systems and compressed air systems
 - Industrial process improvements
 - Energy auditing for commercial buildings and industrial facilities
 - Energy management and building controls
 - HVAC and HVAC control
 - Lighting and lighting control
 - Refrigeration
 - Utilities energy efficiency programs (Custom)
 - Knowledge of buildings systems including HVAC, pumps, chilled water, hot water, steam, industrial process, and compressed air
 - Working on-site with commercial and industrial customers
 - Writing reports and delivering presentations
 - Utilizing tools such as Microsoft Office and advanced skills using excel
 - Managing project scope, schedule, and budget



- Project management

Day to day

You will join a team dedicated to helping commercial and industrial customers reduce their energy use by providing technical expertise through energy efficiency programs, training initiatives, and direct to customer services. Some of the day-to-day activities you would be involved with might include:

- Conducting site surveys and facilities assessments for commercial and industrial facilities with focus on, but not limited to, retro-commissioning
- Performing and reviewing custom savings calculations for energy efficiency measures including but not limited to retro-commissioning measures
- Filling and reviewing custom utility program applications for commercial and industrial facilities
- Performing and reviewing financial analysis for energy efficiency measures including but not limited to retro-Commissioning measures
- Identifying and quantifying energy efficiency opportunities
- Performing energy and economic analyses
- Reviewing energy assessments, opportunities, and calculations
- Collaborating with customers, assisting with technical questions, and developing projects
- Preparing reports and delivering presentations
- Conducting site surveys and facilities assessments
- Travel time up to 25%

About you

- Excellent verbal and written communication skills
- Strong analytical, problem-solving, and decision-making capabilities
- Team player with the ability to work in a fast-paced environment
- Ability to manage time effectively, and multi-task with excellent attention to detail
- Sound business ethics, including the protection of proprietary and confidential information
- Ability to work with all levels of internal employees, as well as outside clients and vendors
- Able to effectively lead and work with a variety of team members



- Superior interpersonal skills including courtesy, professionalism, and a cooperative attitude
- Proficiency in MS Office Applications (Word, PowerPoint, Outlook, Excel, Power BI)
- Strong adaptability and project prioritization skills

Benefits

We offer a full benefits package, including a health plan, dental and vision, life, a retirement plan, paid holidays, and paid time off, and a competitive salary.

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.

To apply, please submit your resume to info@esciences.us.