



Senior Retro-Commissioning Engineer Metro Detroit Area - Michigan

As a senior retro-commissioning 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 commercial and industrial 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-savings opportunities, reducing waste, and saving operating cost. 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.

Your background

- Bachelor's degree in mechanical engineering
- CCP, EBCP, CMVP, PE certification preferred
- Seven or more years of experience with:
 - Retro-commissioning of HVAC, plumbing, electrical, and BMS systems in commercial and industrial buildings
 - New commercial and industrial building systems commissioning
 - HVAC assessments for equipment condition evaluation in commercial and industrial buildings
 - HVAC assessments to identify energy savings opportunities in commercial and industrial buildings
 - 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
 - BMS review, trending, and field measurement and verification work
 - Knowledge of buildings systems including HVAC, pumps, chilled water, hot water, steam, industrial processes, 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, Power BI, and advanced Excel skills
 - Utility company energy efficiency programs engineering support is a plus



- Managing project scope, schedule, and budget is a plus
- Project management is a plus

Day to day

You will join a team dedicated to helping commercial and industrial customers improve their operations while also 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:

- Assessing existing system conditions and operations
- Identifying and quantifying energy efficiency opportunities
- Performing energy and economic analyses
- Monitoring and diagnosing HVAC system issues
- Reviewing energy assessments, opportunities, and calculations
- Collaborating with customers, assisting with technical questions, and developing projects
- Developing commissioning documentation, including systems and equipment checklists and test procedures
- Administrating commissioning process onsite, leading the team from pre-design through post-occupancy phases of the work
- Preparing reports and delivering presentations
- Conducting site surveys and facilities assessments
- Mentoring other technical team members to teach commissioning and energy engineering fundamentals
- Managing commissioning projects as the lead commissioning authority
- Managing utility energy efficiency programs technical support
- Travel time up to 25%

About you

- Collaborative, enterprising individual who likes to work in an open team environment
- Excited about challenging the status quo and offering creative ideas for growth
- Self-motivated and able to work with autonomy and independence
- Able to make timely, thoughtful, and sound decisions



- Comfortable wearing multiple hats
- Willing to take initiative
- Proactive, responsive, and attentive to client needs
- Excellent verbal and written communication skills
- Enjoy sharing expertise with a diverse team to encourage development and growth
- Believe in making a positive environmental impact
- Committed to doing things “the right way”
- Looking for a supportive environment with opportunities for personal and professional growth

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.