



## Energy Engineer Detroit, Michigan

*As an energy engineer with Energy Sciences, you will join our team of degreed and licensed engineers, scientists, and efficiency professionals to meet the energy use challenges of commercial buildings and industrial processes. We're looking for experienced and talented technical team members to assist our clients, from small businesses to Fortune 500 companies, identify energy-savings opportunities, reduce waste, and save money. You will play a key entrepreneurial role on a team in an exciting, start-up environment that is dedicated to driving our vision of a sustainable and socially responsible energy future.*

*This position is an office-based position at the customer site. A local candidate is preferred.*

### Your background

- *You have a bachelor's degree in Engineering, Science, Business, Engineering Technologies, or Facility Engineering.*
- *You have at least three (3) Years of experience in conducting energy and/or power studies, managing projects, and/or directing and inspecting the work implementation teams.*
- *You can analyze and interpret complex financial and energy usage-related data.*
- *You have intermediate to advanced analytical and problem-solving skills that allow you to assess situations, develop optimal recommendations, and implement solutions, including economic justifications.*
- *You have strong interpersonal skills that allow you to facilitate effective interactions with internal and external customers, and vendors/suppliers/contractors.*
- *You possess strong verbal & written communication skills and can present ideas, findings, and recommendations in a logical and clear manner, and negotiate and persuade effectively.*
- *You can conduct effectual meetings and manage the meeting process with optimal results.*



## 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:*

- *Launch and sustain an energy awareness campaign where the primary objective is to raise energy awareness in the plant to facilitate a change in the plant culture relative to energy.*
- *Prepare and maintain baseline information on key energy parameters (i.e. Compressed Air, Lighting, Building Envelope, HVAC, etc.) relative to applicable significant energy-consuming activities within the plant.*
- *Develop and maintain a plant energy team consisting of appropriate personnel within the plant.*
- *Perform detailed utility bill analyses of the customer's energy usage or plant processes and develop recommendations for more efficient operation of equipment (peak shaving, load shedding, etc.).*
- *Monitor, review, and as applicable; recommend and assist the client in participation of federal, state, and local utility energy conservation initiatives, programs, and rebates.*
- *Seek out opportunities to improve customer satisfaction through recommendation and implementation of energy-efficient alternatives.*
- *Conduct periodic energy audits to determine the energy cost savings opportunities and report progress work with plant personnel as required, maximizing non-capital opportunities (i.e. compressed air leak surveys, turn-it-off programs, programming adjustments, operating procedures, etc.).*
- *Develop and maintain a current energy savings project and opportunities list to assist with forecasting the utility budget for the plant.*
- *Review all proposals concerning new machines, equipment, and processes that consume energy.*
- *Develop business cases and assist in writing capital and/or resource appropriations requests.*
- *Assist the client and plant engineering in executing scheduling and prioritizing energy savings projects.*

## About you

- *A 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.*



Strategize • implement • Save

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- *Able to make quick 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.*

## **Benefits**

*We offer an excellent benefits package, including medical, dental, vision, and life plans starting on your 1<sup>st</sup> day of employment, a retirement plan with match, profit sharing, 13 paid holidays and 120 days of paid time off starting in year 1 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](mailto:info@esciences.us).*