

## Commissioning/Energy Engineer

### Job Description

Elara Engineering has immediate openings for qualified Commissioning/Energy Engineers. This position is to serve as a Commissioning Engineer on Elara's Energy and Commissioning Team which supports all of the company's product offerings with specific emphasis on performing a full range of commissioning tasks, conceptual engineering design, developing energy audits/analyses, and creating and analyzing energy models.

### Qualifications

- Candidate must have a minimum bachelor's degree in engineering.
- Candidate must live in the Chicagoland area or be willing to relocate.
- Candidate must have a minimum of 3 years experience in commissioning, retrocommissioning, or monitoring commissioning of commercial and/or industrial buildings.
- Energy auditing and/or master plan writing experience is a plus.
- Energy modeling experience is a plus.
- Desire to build a growing commissioning team and take on a future leadership role.
- Proven ability to communicate well in written and verbal communications.

### Responsibilities

#### Commissioning

- Utilize CxAlloy to manage commissioning projects you are directly assigned to.
- Review building drawings and extract necessary information.
- Apply ASHRAE Cx standards and guidelines
- Perform site visits to review construction checklists, perform functional testing, meet with contractors and owner's representatives, and perform a variety of other commissioning tasks.
- Review controls submittals, graphics, and sequences of operations to identify issues and opportunities to improve system operation/efficiency.
- Write pre-functional and functional checklists.
- Perform a variety of retro-commissioning tasks tailored to project and client goals.
- Work with MBCx software vendors for implementation.
- Support Cx sales efforts through the review of proposal hours.
- Coordinate with utility incentive administrators and complete required paperwork.
- Develop team standards and practices.
- Work with design teams to identify improvements to designs and controls specifications based on commissioning experience.

### Secondary Responsibilities

#### Energy Auditing / Master Planning / Conceptual Reports

- Perform weather normalized utility analysis utilizing Excel tools created by Elara Engineering.
- Determine performance and energy savings for system modifications and improvements.
- Assist in the conceptualization of MEP system alternatives and energy conservation measures.
- Collaborate with other discipline engineers to confirm the feasibility of alternatives.
- Perform preliminary equipment selections.



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### Secondary Responsibilities (continued)

Energy Auditing / Master Planning / Conceptual Reports

- Prepare schematic drawings per Elara Drawing Standards and Conventions.
- Prepare construction cost estimates for recommendations.
- Compile data and prepare written reports and presentations.
- Attend project meetings/presentations with clients.
- Prepare post-implementation analyses confirming actual weather normalized energy savings.

### Benefits

- Medical, Dental, and Vision insurance
- Life insurance
- 401K Plan
- Paid vacation, personal/sick, and volunteer time
- Paid holidays
- Mentorship Program and Volunteer Program
- Bonus based on personal and company performance

**Note:** Travel outside the Chicagoland area is rarely required.

