
JOB TITLE: Energy Engineer
DEPARTMENT: Energy

JOB SUMMARY:

In addition to the below activities, the Senior Energy Engineer is ultimately responsible for company standards, means, and methods for all energy engineering tasks.

The Energy Engineer is responsible for the identification and technical analysis of energy savings opportunities within commercial buildings. The Energy Engineer performs energy assessments, determines improvement areas, perform measurements, scopes and provides documentation of the recommended energy conservation measures, and calculates and verifies savings.

ATS core energy conservation scope involve building automation and energy management system parameter and sequence optimization, continuous commissioning and advanced fault detection systems, and energy monitoring and analytic systems.

The Energy Engineer supports ATS sales engineers and project developers with mechanical, lighting, and control system energy opportunity reviews, energy assessments, control system optimization analysis, project scope development, project execution, and utility incentive coordination.

The Energy Engineer is also responsible for supporting Service Account Managers executing, documenting, and justifying energy scope performed through support agreements. This may include providing energy calculations and assessments, Energy Star Portfolio Manager setup & certification, continuous commissioning and advanced fault detection review and management, control system optimization, or other energy related scopes.

The Energy Project Engineer will need a strong background and detailed understanding of mechanical building and control systems.

This is an exempt position.

DUTIES AND RESPONSIBILITIES:

- Energy Assessments
 - Energy & Financial Calculations
 - Energy Project Scope Development
 - Energy Project Management & Project Execution
 - Control System Optimization Analysis
 - Continuous Cx, Advanced Fault Detection, and Energy Analytics Systems Development & Customer Interface
 - Managing & Delivering Energy Projects
 - Project Coordination between Sales, Operations, and Service
 - Utility Incentive Calculations & Coordination
 - Energy Measurement & Verification Reports
 - Energy Star Portfolio Manager Setup & Certification
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SKILLS AND ABILITIES:

- Mechanical systems knowledge and understanding
- Detailed knowledge of DDC control systems, theory, and applications
- Control system sequence development and optimization knowledge
- Project management skills
- Ability to work independently and unsupervised
- Ability to collaborate within a team

- Strong analytical skills
 - Strong interactive and communication skills
 - Energy engineering and management skills
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CREDENTIALS AND EXPERIENCE:

- Mechanical or Electrical Engineering Degree
 - Equivalent combination of education and experience
 - HVAC/Mechanical System and/or DDC system troubleshooting experience
 - Certified Energy Manager (preferred)
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