Optimum Energy is the energy optimization expert. We use integrated software and cloud computing to optimize chilled water, boiler plants and HVAC systems to deliver sustained energy reductions year after year.

Based in Seattle, Optimum Energy partners with owners and equipment and service providers to offer the best overall value and return on efficiency investments to the market. More information can be found at http://www.optimumenergyco.com.

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| **Title** | Energy Engineer III |
| **Functional Area** | Engineering |
| **Reports to** | Manager, Energy Engineering |
| **Directs** | None |
| **Job Type** | Regular |
| **Job Time** | Full-Time |
| **Experience Level** | 6 - 9 years industry experience |
| **Required Education** | BS, Mechanical Engineering (or related field) |
| **Required Travel** | 25% - 50% |

**Job Description:**
The Energy Engineer III has primary responsibility for pre and post-sales engineering services which includes site assessment and financial analysis, investment grade audits, and optimization deployment and quality assurance (QA). The Energy Engineer III will support the Account Executive, Project Manager, and Project Engineer to ensure consistency and quality throughout the pre and post-sales processes.

**Job Responsibilities:**
- Lead, direct, and prepare Excel-based preliminary feasibility energy studies of chilled water plants, HVAC systems, and heating and steam utility plants using site specific customer data, trends, and local utility information.
- Develop initial project scope recommendations and implementation costing in order to prepare a project proforma for the feasibility study.
- Present energy analysis, solution, and estimates to customer's technical team.
- Conduct detailed on-site investment grade audits of chilled water systems, air-handlers, and boiler plants; Prepare written basis of design (BOD) report; Participate in BOD results technical review meetings as well as any follow-up meetings.
- Make final project implementation pricing estimations working with third party vendors based on scope of work developed in BOD.
- Compile project documentation for the chilled water plant, boiler plant and/or HVAC optimization solution including trend regressions, 8760 hour-by-hour Excel energy analysis, controls sequence and methods documentation, PowerPoint decks and statements of work; Lead project kick-off meetings.
- Participate in optimization project implementations and QA to ensure solution functionality as well as validate data and performance.
- Post optimization - Aid in analyzing and troubleshooting chilled water plant, boiler plant, and air-handler performance and/or building automation system (BAS) performance.

**Requirements:**
- Licensed Professional Engineer (P.E.) in Mechanical Engineering
- 4 year Mechanical Engineering degree.
- 6-9 years HVAC experience.
- MEP experience in chilled water and boiler system design.

- Experience in the energy efficiency field.
- High proficiency in Microsoft Excel; running and creating functions, pivot tables, trend analysis, charts, and regressions.
- Proficient with other MS Office Software tools including, but not limited to, Visio, PowerPoint, and Word in order to generate reports and presentations.
- Good communication skills and excellent customer satisfaction skills.
- Eagerness to learn and implement new approaches to operating chilled water plants.
- Ability to present technical solutions to customers and partners.
- Ability to educate clients on the benefits of new technology.
- Knowledge of performance contracting (ESCO) industry a plus.
- 25-50% travel required (mostly domestic, possible international travel).

**Desired**:

- Niagara AX or Tridium AX certification
- Ability to navigate different building automation systems
- Certified Energy Manager (C.E.M)
- Certified Measurement & Verification Professional (C.M.V.P)
- LEED AP
- LEED AP BD&C
- Building Energy Modeling Professional (B.E.M.P)

Salary and benefits will be competitive and dependent upon experience and qualifications. If you think you could be a successful member of our team, please apply on our Career Page at optimumenergyco.com/company/#careers.

Optimum Energy is an Equal Opportunity Employer encouraging diversity in the workplace.