

## ENERGY ENGINEER – MID LEVEL

**Date:** 2/18/2022

**Reports To:** Energy Department Principal

**Location:** New York, NY

**Starting Salary:** \$ 75,000, depending on experience

**Number of positions:** 1

Energy engineers perform ASHRAE Level III energy audits of large facilities, including hospitals, universities, municipal and commercial high-rise buildings. Prepare custom energy calculations for energy conservation measures implemented at facility based on actual conditions and measure design. Works internally with design engineers to ensure customer energy savings goals are met.

### **Goldman Copeland:**

We're a 70-person mechanical electrical and plumbing (MEP) consulting firm with a 5-decade legacy. Our team has worked on thousands of projects of every type and size. In addition to providing consulting engineering services, we have a dedicated energy department which has audited over 100 million SF of commercial, residential, and hospital space in the Tri-State area. We have developed and overseen long-term capital energy improvement plans throughout a diverse range of clients. We are dedicated to building the future, from the inside out.

### **Job Responsibilities:**

- Perform ASHRAE Level III energy audits of large facilities, including hospitals, universities, municipal and commercial high-rise buildings
- Assemble/modify detailed energy calculations of energy conservation measures
- Coordinate energy calculations with design team
- Plans, schedules, and coordinates all phases of design work for particular projects.
- Prepares project reports and analyses to monitor progress of project effort budgets vs. actual completion.
- Initiates independent action regarding design decisions after consultation with Engineers and Project managers as needed.
- Performs 1st level of tasks associated with Engineer level including contributing in the areas of performance appraisals.
- Inter/Intra department communication.

### **Basic Qualifications:**

- High aptitude for understanding HVAC system operations and ability to quantify HVAC operations in terms of energy use
- Bachelor's degree in Mechanical Engineering, Applied Physics, Renewable & Clean Energy Engineering, or other Energy related discipline e.g. Chemical Engineering or
- High proficiency with MS Suite of tools, especially Excel, Word, Outlook
- Familiarity with reading building drawings

### **Preferred Qualifications:**

- Experience conducting ASHRAE Level I, II, & III energy audits
- Strong report writing
- Experience conducting energy analysis with utility data

- Commissioning Background
- Experience in large commercial office/hospital spaces

**Professional Skills/Experience:**

- High proficiency with MS Suite of tools, especially Excel, Word, Outlook
- Familiarity with reading building drawings
- Prefer a minimum of 2-4 years' experience in energy reporting and/or engineering in industry
- In preparation for PE exam.

**Interested? Please click the below link:**

[Green Energy Job Postings Interest Form](https://form.jotform.com/203245466535052) or copy/paste the following link into your browser:

**<https://form.jotform.com/203245466535052>**