



**Position: Junior Energy Engineer (HVAC Design)**

**Location: Denver, CO or Boulder, CO**

### **About Iconergy**

Iconergy is a growing energy consulting and design-build engineering firm headquartered in Denver, Colorado. We are a team of experienced energy engineering and design-build professionals who came together to enhance the effectiveness and efficiency of the built environment. The Junior Energy Engineer position is an entry level position that will assist us in design-build and energy performance contracting projects that increase energy efficiency and renewable energy generation in all types of existing buildings.

We deliver value to our customers by integrating specialized technical knowledge with outstanding program and project management and delivery. We strive to see the world through our customers' eyes so that we can advance their agenda in all phases of design and construction.

Iconergy maintains a diverse portfolio of exciting retrofit projects. Our projects include K-12 schools, recreation centers, higher education, correctional facilities, medical facilities, laboratories, data centers, other state and local government buildings, and commercial real-estate properties.

### **Position Summary**

Iconergy seeks to add a dependable Junior Energy Engineer to our design-build team. The successful candidate will support Iconergy's senior engineers in project development by gathering data from on-site audits, performing engineering calculations for efficiency and facility improvement measures, designing HVAC and plumbing systems in CAD, and performing energy modeling and reporting.

You will work on retrofit projects that improve facility operations, especially energy and/or water efficiency. Our projects also incorporate renewable energy whenever possible. The projects often address the following systems: HVAC, lighting, controls, water fixtures, ancillary systems and equipment (distributed generation, cooking kitchens, pools, etc.), and renewable energy (solar PV, solar thermal, etc.). These projects improve the occupancy conditions inside the facilities while reducing operating and maintenance costs and the use of natural resources.

### **A day in the life of the successful candidate:**

You will serve as support to senior Iconergy engineers, our clients, and our partners. For example, you will:

- Accompany senior staff on site visits/audits. This will involve data collection from equipment inventories, on-site measurements, and client interviews.
- Gather and input utility bill data for electric, gas, water, and other energy meters.
- Analyze efficiency measures for utility savings.
- Perform energy modeling with energy plus software.
- Perform design calculations for HVAC and plumbing systems.
- Draft HVAC and plumbing systems in AutoCAD or Revit.
- Assist in preparation of reports and other client communications.
- Communicate daily with Iconergy staff to review the status of your work.



You will work with a team that encourages and supports you to:

- Work independently.
- Take pride in the work that you do.
- Create processes to complete tasks where no process previously existed.
- Think critically about different approaches and implement the ones that are most appropriate for the situation.
- Practice and refine your leadership skills on a daily basis.
- Openly discuss concerns and propose solutions to address them.

**The successful candidate's background will look something like this:**

- Bachelor's Degree in Mechanical or Architectural Engineering. Other degrees may be considered with appropriate work experience.
- 0-2 years of work experience in HVAC design, energy engineering, or similar consulting engineering work. Prior energy audit and energy modeling experience is a plus.
- Demonstrated excellence in communication (written and oral) in English.
- Hold an Engineer In Training (EIT) certificate or Certified Energy Manager (CEM) or have ability to pass FE test within a few years.
- Experience with Microsoft Excel VBA, AutoCAD/Revit, and energy modeling software (eQUEST, Trane Trace, Energy Plus) preferred.
- Understanding of building systems (mechanical, electrical, plumbing, architectural, structural) a plus.
- Experience with energy/water efficiency and renewable energy systems a plus.
- Proficiency with Microsoft Office required.
- Projects most often located in the Rocky Mountain region (especially Colorado and surrounding states) and, at times, elsewhere.

The ideal candidate will also fulfill the following:

- Pass NCIC background check (required).
- Pass an initial drug test and subsequent random drug tests (required).
- Hold a valid drivers license and provide your own mode of transportation (required).

### **Special Site Considerations**

Working in public facilities requires a certain sensibility. For example, you may need to:

- Be cognizant of your surroundings and on guard at all times.
- Adhere to strict protocols established by the customer regarding interactions with occupants and management of the construction team's equipment.
- Be ready to adapt to changing situations and the unique considerations that exist in different parts of the facility.



- Treat everyone that you encounter with dignity while completing your professional responsibilities efficiently.

This position will require you to frequently stand; walk; and reach with arms and/or hands. Specific vision abilities include close vision, distance vision, depth perception and the ability to adjust focus. While performing the duties of this job, you will be regularly required to sit for long periods of time; talk or hear; perform fine motor, hand and finger skills in the use of a keyboard, telephone, or writing. You will also be required to lift up to 50 pounds on a regular basis.

We value teammates who are committed to the Iconergy team and adaptable to potential shifts in the specifics of their role. Our positions are similar to those at other growing firms: they are functions of the marketplace and, therefore, dynamic. We are constantly evolving our services and also addressing client requests that may change the description in a number of ways over time.

#### **Benefits**

- Health, Vision, And Dental Insurance Plans
- Flexible Savings Account
- Company Paid Short-And Long-Term Disability
- Paid Time Off (Personal and Holidays)
- 401k With Company Match
- License/Certification Reimbursements
- Gym Membership Stipend
- Cell Phone and/or Cell Phone Stipend
- Performance Incentives

#### **To apply**

Please visit our careers page at [www.IconergyCO.com](http://www.IconergyCO.com) or click the link:

<https://iconergy.bamboohr.com/jobs/view.php?id=53&source=aWQ9Nw%3D%3D>

**Application Instructions: Resume and Cover Letter** – Help us understand why you are the right fit for our team. Tell a story, highlight your most applicable skills, do whatever you think will capture the essence of what you will bring to the table.

*Iconergy is an equal opportunity employer, and we value diversity. We encourage applications from all demographics and especially those that are traditionally under-represented in engineering and construction.*