



**Job Description: Sr. Energy Engineer/Sr. Analyst**

**Location: Rocky Mountain Region**

**Iconergy seeks to add a dependable Sr. Energy Engineer (EE)/Sr. Analyst to our engineering consulting team.**

### **About Iconergy**

Iconergy is a growing performance contracting and energy engineering firm headquartered in Denver, Colorado. We are a team of experienced energy engineers, design-build professionals, and problem solvers who come together to enhance the efficiency of the built environment. The Sr. Energy Engineer/Sr. Analyst position is central to our ability to provide consulting engineering to the commercial building sector.

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 that build long-term relationships with our customers. We offer a variety of engineering consulting services and turnkey solutions including performance contracting and other design-build retrofit services. Our projects include K-12 schools, recreation centers, higher education, correctional facilities, medical facilities, laboratories, data centers, offices, and other private, nonprofit, and public sector (state and local government) buildings.

### **Position Summary**

The successful candidate will work with Iconergy's consulting team to execute mechanical engineering consulting projects, and to support the capture and development of the project through the execution of the contract with the client.

You will service a portfolio of consulting and 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, controls, water fixtures, lighting, ancillary systems and equipment (distributed generation, cooking kitchens, pools, etc.), and renewable energy (solar PV, solar thermal, etc.) systems, and metering systems (energy, water, sub-metering, etc.). These projects improve the occupancy conditions inside the facilities while reducing operating and maintenance costs and the use of natural resources.

You will work with projects from inception as well as projects already underway as our EEs regularly carry multiple projects simultaneously. You will lead the energy field auditing/assessment and project development process and direct any supporting engineers to provide the necessary deliverables and verify their work. You will coordinate with local utility company rate schedules and secure all available utility rebates and available program funds. You will author and produce the content for the engineering (RCx Reports, Investment Grade Audit (IGA), HVAC Designs, etc.) documents and along with sales, work with the proposal writer to finalize the production of the report. You will coordinate approval of the reports with the approving authority(ies). You will support sales on the presentation of the engineering report to the client to receive approval to move forward with the project.

You will serve as the face of Iconergy to our customers and partners, which includes the site facility staff and our subcontractors. We are looking for someone who will maintain high levels of professional standards and relay information about the project to other members of the Iconergy team and the facility staff.

Your work will be critically important to both our internal team and to our customers. You will dictate the critical path and lead the project to completion. Your ability to communicate effectively, to make well-informed decisions independently, and to deliver on your commitments will directly affect our collective success. The location for this position can be in Boulder, CO, or Denver, CO.

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

You will serve as the day-to-day liaison between the customer, Iconergy staff, and our partners. For example, you will:

- Lead or provide data analytics or programming for monitoring-based commissioning or energy information systems, be they stand alone or integrated with BAS or sub-metering systems.
- Manage all aspects of energy engineering projects (retro-commissioning or audits) including utility rebates, budgeting, development scheduling, project proforma development, measurement and verification plan, and reporting requirements to insure successful project execution performance.
- Manage the project-specific RCx, auditing, or MBCx team to meet our target development schedule and deliverables.
- Lead the HVAC and electrical designs for retrofit projects, and self-perform Autocad designs.
- Perform energy modeling simulations with Energy Plus and Open Studio.
- Lead and/or coordinate internally with Iconergy staff to plan for and receive the support needed to fulfill the project development and measurement and verification processes.
- Develop strong relationships with staff at the client facility, especially the customer's technical team and their lead facility staff person, by managing expectations and providing regular updates.
- Communicate daily with Iconergy staff to review the status of the project, highlight any concerns, and develop approaches to address them.
- Support sales to coordinate, prepare and deliver information for scheduled project development meetings with client staff, or informational meetings with utility companies, government agencies, or other third parties as required for the project development of funding.

These roles will require you to adjust your communication style to effectively interface with a wide range of Iconergy, customer, and partners, sometimes about sensitive issues.

You will also provide service in a quality control role, ensuring that we meet and exceed the customer's expectations. For example, you will:

- Ensure that the RCx, audit, and MBCx work done by the Iconergy engineering team meets specifications.
- Assure final RCx, audit, and MBCx report detail and quality is sufficient to exceed client, state and financial lender requirements.
- Assure measurement and verification (M&V) plan quality and accuracy is sufficient to meet client and approving authority requirements. Assure schedule and implementation of the M&V plan is accomplished per contract.
- Assure the acquisition of all available utility program or other incentive funding and then follow up with any required analysis, reporting, etc.
- Assure the application of bidding processes are followed to secure awards for measures and projects as a whole, including renewables applications.

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.

### **Special Site Considerations**

Working in 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 your 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.

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

- Bachelor's Degree in Mechanical, Electrical, or Architectural Engineering. Other degrees may be considered with appropriate work experience.
- 10 or more years of work experience in energy or design engineering. Fewer years of experience will be considered for more junior positions.
- Technically savvy with a thorough understanding of electrical, HVAC, and plumbing systems, utility rates and renewables. Thorough understanding of building envelope, controls systems and performance characteristics of how the systems interact and their resulting utility consumption is critical.
- Proficiency programming in one or more building automation systems preferred.
- Proficiency with SkySpark monitoring based commissioning programming software (or equivalent) preferred - Axon.
- Knowledge of IT and BACnet integration solutions as they pertain to building automation systems.
- Proficiency with measurement and verification, energy/water efficiency, and renewable energy systems.
- Experience with selection interviews, estimating project budgets and providing final pricing development, subcontractor selection and contracting, negotiating equipment procurement pricing, and project closeout.
- Proficiency with Microsoft Office required.
- Proficiency with Microsoft Excel VBA, AutoCAD/Revit, and energy analysis programming languages (BAS programming expertise, Axon, Python, etc.).
- Modeling software proficiency is a plus (eQUEST, Trane Trace, Energy Plus) preferred.
- Projects may be located anywhere in Rocky Mountain region (especially Colorado and surrounding states), and, at times, elsewhere in the USA.
- Demonstrated excellence in communication (written and oral) in English.

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 driver's license and provide your own mode of transportation (required).
- Have a Professional Engineering (PE) license and ability to acquire PE in other states.

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 have described the position as it is forecasted from today through the next twelve months. 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:** <https://iconergy.bamboohr.com/jobs/view.php?id=47&source=aWQ9Nw%3D%3D>

*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.*