



Engineer – Energy Efficiency Projects

San Francisco, Irvine, and San Diego, California

The Position:

Enovity is seeking several highly motivated Engineers with a range of experience and expertise to join our team in Southern California. As an Engineer, you will work on a variety of energy efficiency projects in large new and existing commercial and institutional facilities. Projects will focus on identifying and correcting inefficiencies in HVAC and domestic hot water systems, central plants, lighting, process equipment, and building controls. The ideal candidate thrives in an innovative and challenging environment and has a passion for energy efficiency and problem solving. Successful candidates will have a background in HVAC engineering, direct digital controls, and energy efficiency strategies for large commercial buildings and a strong desire to balance their analytical and report writing skills with hands-on field work. The ideal candidate will also be an inquisitive problem solver that works well both independently and as part of a team and always maintains attention to detail, accuracy, and quality.

About Enovity:

Enovity is a dynamic and growing full-service energy engineering, sustainable design, and facility management firm that provides customized energy and operational solutions for high-performance buildings. Based in San Francisco and with offices in Irvine, Los Angeles, San Diego, Sacramento, Seattle, and Phoenix, Enovity has provided federal, state, and local governments; utilities; schools; and numerous private sector organizations with functional solutions for energy efficiency. Our firm specializes in energy engineering, commissioning, sustainable design, facility operations and maintenance, and energy efficiency incentive programs. For additional information, please visit www.enovity.com.

Our commitment to excellence is reflected in our mission statement, “To provide industry leadership in the dynamic field of energy and sustainability products and services tailored to diverse client base while maintaining the highest level of integrity and innovation.” Enovity means energy, innovation, and integrity.

Responsibilities:

As a member of Enovity’s Energy Services Group, you will play a key role on a team executing an array of energy efficiency projects. Depending on your specific skill sets, responsibilities may include:

- Contribute on energy efficiency retrofit, demand response, retrocommissioning, monitoring-based commissioning, and commissioning projects
- Work with customers and contractors to identify and develop energy efficiency projects from initial identification and evaluation through installation and measurement and verification
 - Monitor HVAC systems with building automation systems and stand-alone data loggers to troubleshoot operational problems or to find inefficient control sequences
 - Perform hands-on testing of HVAC, lighting, and control systems in new and existing buildings
 - Conduct on-site energy audits to identify applicable and cost-effective energy efficiency and demand response measures
 - Perform energy savings and cost analyses for energy efficiency and demand response measures
 - Assist in prioritizing energy and operational improvements based on budgets, relative cost/benefits, and likelihood of acceptance for installation
 - Write commissioning plans and field reports for new construction projects
 - Write assessment, detailed evaluation, and measurement and verification reports and retrocommissioning plans for existing facilities
 - Develop concept designs for energy efficiency projects and write sequences of operations
 - Conduct building energy use simulation for verifying Title 24 compliance and modeling design alternatives to capture energy savings
 - Assist customers through the implementation process
 - Perform measurement and verification of installed projects
- Perform design reviews and make recommendations for improvements
- Ensure development of consistent and high-quality project deliverables



- Develop and maintain relationships with clients, customers, utility representatives, and contractors
- Coordinate with customers and contractors to obtain implementation proposals and review the project scope of work and technical proposal documents to ensure projected energy savings will be achieved upon installation
- Maintain detailed and accurate project records including data, documentation, and progress reports
- Develop and refine engineering methodologies, tools, and standards
- Develop project scopes and plans and manage to timelines and budgets
- Stay abreast of relevant industry developments and technology advancements

Education and Qualifications:

- BS or MS in Mechanical, Electrical, or Civil Engineering or equivalent professional experience
- Certified Engineer-in-Training (EIT) or California-Licensed Professional Mechanical Engineer (PE) preferred
- 2–15 years of HVAC and controls experience in design, construction, energy evaluation and/or retrocommissioning

Skills:

- Understanding of complex HVAC, lighting, and control systems, including an ability to evaluate and troubleshoot
- Highly motivated and self-directed, with history of taking initiative to solve problems
- Ability to forensically evaluate energy-consuming systems and detect and evaluate deficiencies, quantify energy losses, and determine cost
- Ability to work multiple large-scale projects simultaneously while maintaining a high level of follow through and communication with key stakeholders
- Dedication to completing projects on time and within budget
- High level of attention to detail with an ability to self-QC work
- Strong facilitation, team building, collaboration, and problem solving skills
- Highly effective communicator with clear and concise writing and presentation skills
- Ability to maintain organized, detailed and accurate project records
- Experience with different types of stand-alone monitoring equipment including flow meters, temperature loggers, electrical meters, and others
- High degree of professionalism with an ability to interact with others at all levels
- Proficiency in Microsoft Outlook, Word, Excel, Access, Visio, PowerPoint, and Project
- Understanding and familiarity with DOE-2, eQUEST, Energy Pro, and AutoCAD
- Understanding of site safety procedures, including electrical safety

To Apply:

We're focused on getting the right people on the team, so we're positioned to thrive – individually and collectively – and to scale our operations in one of the fastest growing industries in the world. Specifically, we're seeking people who share our values, a passion for innovation and a demonstrated ability to get things done. If you have an affinity for a fast-paced, collaborative culture and are energized by the idea of contributing to the development and ongoing management of industry-leading energy efficiency programs and processes, we'd love to hear from you.

In your response, please rate your expertise and highlight specific accomplishments relative to the key competencies below and send your response, along with a resume to recruiting@enovity.com, with Job Reference #1024 in the subject line.

1. Working on large-scale energy efficiency upgrade projects
2. Solving complex problems individually and as part of a team
3. Performing energy calculations and field measurements