



Senior Sustainability/Mechanical Engineer

Location: SF/Bay Area, California

Job Type: Full-time

About Us: Point Energy Innovations is an engineering firm committed to driving building MEP systems to new levels of performance and cost-effectiveness. Our business model is to work in the early stages of design, then provide a smooth transition for design-build contractors to document and execute our designs. Our innovative approach to affordable decarbonization within buildings accelerates the adoption of resilient and zero carbon strategies in the industry. We strive to create a better world for future generations by collaborating both internally and externally to find the best solutions.

Why Join Us? At PEI, you will be part of our integrated project team to design the most energy efficient and sustainable buildings in the country. You will be designing sustainable building mechanical systems, working in collaboration with a diverse design team, and side by side with experienced engineering mentors. We work on cutting edge projects in the Bay area and throughout the world. Responsibilities include working on small and large project technical details, project management, and energy modeling and analyses of building systems.

Mission Statement: Our mission is to decarbonize the built environment and drive the transition to a sustainable, all-electric, zero-carbon future. We design systems that directly tackle the urgent need to reduce carbon emissions, ensuring today's buildings contribute to a cleaner and healthier planet.

Role Overview and Key Responsibilities: We are seeking a skilled, motivated Mechanical Engineer with 3-5 years of experience, to play a crucial role in designing and optimizing mechanical systems for energy efficiency and sustainability in building projects. Our project types include commercial office, adaptive reuse, resiliency centers, multi-family residential/mixed use, educational, data centers, aviation, microgrids, labs, and industrial facilities. Your responsibilities include:

- Design and implement mechanical/plumbing systems that prioritize energy efficiency, decarbonization, and sustainability.



- Conduct assessments of existing mechanical systems and identify opportunities for improvements in energy performance and carbon reduction.
- Collaborate with the engineering and design teams to develop innovative solutions that align with sustainability goals and project requirements.
- Analyze and model building energy consumption and mechanical system performance to support the development of high-performance designs.
- Prepare and present technical reports, technical and high-level slidedecks, and proposals to clients and stakeholders.
- Stay current with industry trends, technologies, and best practices related to mechanical engineering, sustainability, and zero-carbon strategies.
- Provide technical support during the construction and commissioning phases to ensure that mechanical systems meet design intent and performance criteria.
- Coordinate mechanical system design with architects and other consultants
- Be a continuous advocate for sustainability as well Point Energy Innovations as a company
- Assist in building the leading green building consultancy, LEED Certification documentation, or WELL certification documentation.

Desired Qualifications:

- B.S. degree in Mechanical/Civil/Architectural Engineering or a related field. A Master's Degree is a plus.
- 3-5 years of experience in mechanical system design, with a focus on sustainability and energy efficiency
- Proficiency in mechanical design software and sustainability assessment tools (e.g., OpenStudio, Revit, EnergyPlus, etc.).
- Strong analytical and problem-solving skills, with the ability to interpret complex data and develop practical solutions.
- Excellent communication and collaboration skills, with the ability to work effectively within a team and with external partners.
- Professional Engineering (PE) license or Engineer-in-Training (EIT) certification is a plus.
- Proficient in Microsoft and Google Suites.
- Strong research and organizational skills.



Diversity, Equity and Inclusion:

At Point Energy Innovations, we are dedicated to fostering a diverse, equitable, and inclusive environment that benefits both our team and the communities we serve. We believe everyone should have access to clean, healthy, and energy-efficient spaces. Our mission is to decarbonize the built environment while addressing environmental disparities and supporting marginalized communities.

We pride ourselves on having a diverse team where different perspectives and backgrounds come together to spark innovative ideas and effective collaboration. This diversity allows us to approach challenges creatively and develop cutting-edge solutions that drive sustainable practices forward.

Salary and Benefits:

Please reach out for more information on our package related to salary and benefits.

If you're interested in this opportunity, please send your resume and cover letter to info@pointenergyinnovations.com.

Together, we can reshape the built environment to create resilient, energy-efficient spaces that lead the way in combating climate change.