

Mechanical, Electrical and Energy Engineer

ENTRY LEVEL

ABOUT US

At B2Q, we're not just engineers; we're stewards of sustainability. Our mission is to engineer practical solutions that address the urgent challenges of sustainability and climate change. From energy efficiency in buildings to electrification and decarbonization, we're shaping a greener, more resilient future.

B2Q Associates seeks Mechanical and Electrical Engineering Designers to bolster our thriving engineering consulting practice. As a dynamic and forward-thinking company, we offer a unique opportunity to collaborate directly with seasoned senior staff on super interesting projects. Our work environment is characterized by teamwork flexibility, innovation, and a commitment to continuous learning and professional development. This position offers an opportunity to learn from hands on fieldwork and apply your engineering skills to create a positive impact on our clients' facilities.

ROLE OVERVIEW

As a Mechanical/Electrical/Energy Designer, you'll play a pivotal role in our mission. Here's what you'll be doing:

- **Energy Efficiency:** Dive into understanding building operations, modeling their performance, creating technical studies, thoughtful economic analyses, and uncovering hidden opportunities. Your mission? Decarbonize and optimize energy use in existing and new university, healthcare, and industrial buildings. Your recommendations will drive tangible improvements in efficiency and operations while reducing the carbon footprint of these facilities.
- **Creating Innovative Solutions:** From energy modeling to system design, you'll be at the forefront of sustainable technology and building energy science. Imagine designing decarbonized building mechanical systems, integrating advanced controls, designing renewable energy systems and energy storage, and championing energy saving strategies and equipment.
- **Field Investigations and Commissioning:** You'll get the opportunity to get out onto sites, learn about buildings, equipment, and controls to make sure they are operating properly. This is where you get to see your hard work come to life.

QUALIFICATIONS

- **Passion for Sustainability:** Your commitment to energy efficiency and sustainable design practices drives your work.
- **Educational Foundation:** A Bachelor's degree in Mechanical Engineering or Electrical Engineering is essential.
- **Effective Communication:** Excellent written and verbal communication skills are crucial.
- **Technical Proficiency:** Mastery of Excel, Word. Experience with Revit or AutoCAD is a bonus
- **HVAC Expertise:** Knowledge of energy efficiency, renewable energy, power systems, and HVAC is advantageous.
- **Professional Development:** A long term goal to become registered as a Professional Engineer is favored.

WHY JOIN B2Q?

- **Purpose-Driven Work:** Every project contributes to a planet-saving mission.
- **Collaborative Culture:** We celebrate wins, learn from every project, and fuel each other's passion for a better future.
- **Professional Growth:** Workshops, conferences, and hands-on experience ensure your continuous development.

HOW TO APPLY

Join us in engineering change. Send your resume to employment@b2qassociates.com. Let's build the future together.