



JOB TITLE: Energy Modeling Specialist

LOCATION: Kentville/Dartmouth, NS

COMPANY OVERVIEW:

LMMW Group Limited (www.LMMW.ca) is an energy and facility services company operating under the **L360** and **Equilibrium Engineering** brands with offices in Kentville and Dartmouth, NS. We offer a full range of energy and facility services from assessments and retrofit design, through project implementation, energy training, commissioning, and ongoing maintenance.

Our Equilibrium Engineering team specializes in providing solutions that help our clients understand and improve the efficiency of their operations. We develop and implement energy projects to decarbonize buildings and systems. Our team of experts is committed to creating a better future through innovation and collaboration.

We focus on identifying operational waste in building systems and providing high-performance alternatives that minimize operating costs. Equilibrium provides our clients with insight into the actual cost of ownership by applying life-cycle cost analysis and whole-building energy modelling. Collaborating with our L360 Facility Services team and LMMW Partner Program members, we help our clients discover their energy and facility performance needs, implement fiscally and environmentally responsible optimization projects, and help our clients efficiently maintain their facilities into the future.

JOB DESCRIPTION:

Equilibrium Engineering is seeking an experienced and highly motivated **Energy Modelling Specialist** to join our team. The successful candidate will be responsible for developing and implementing whole building energy models for our clients. The ideal candidate will have 3-5 years or more experience in energy modelling, with a strong understanding of energy codes and standards. You are a team player looking for an opportunity to play a vital role in our growing business focused on energy and facility services.

RESPONSIBILITIES:

- Develop and implement whole building energy models using industry-standard software such as EnergyPlus, eQuest, IESVE, or HAP.
- Perform energy analyses to evaluate the performance of building systems, including HVAC, lighting, building envelope, and renewable generation assets.
- Work closely with architects and engineers to identify energy-efficient solutions and design strategies.
- Conduct energy code compliance reviews and prepare compliance documentation.
- Analyze energy consumption data and identify opportunities for energy savings.
- Participate in design charrettes and project meetings to provide technical expertise and support.
- Work with the engineering team to perform preliminary renewable energy system designs using tools such as RETScreen Expert, Helioscope, and PVSys.
- Assist the management and engineering teams in project execution.
- Act as a company liaison and work collaboratively to manage client relationships.
- Confident in preparing project reports and assisting the sales team in developing proposals, grants, and RFP responses.
- Generate revenue through efficient project execution.
- Identify solutions for Equilibrium clients.



SECRET SUPERPOWERS:

- A love for sustainable design and making a difference.
- Can decipher acronyms like M&V, CaGBC, LEED, PH, and GHGs
- A lifelong learner looking to be challenged daily.
- Disdain terms like “minimum code” and “business as usual.”
- Capable of having several new ideas on the same day.
- Able to imagine multiple uses for a 3D laser scanner and a drone.
- Interested in how things work.
- An appreciation for “facility performance optimization” and providing responsive client service.

QUALIFICATIONS:

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, or a related field.
- 3-5 years or more experience in whole building energy modelling.
- Strong knowledge of energy codes and engineering standards, such as the NECB, ASHRAE, ZCB, and LEED.
- Proficiency in energy modelling software such as EnergyPlus, eQuest, IESVE, or HAP.
- Excellent analytical and problem-solving skills.
- Strong written and verbal communication skills.
- Trustworthy and able to maintain strict confidentiality.
- Ability to work independently and as part of a team.
- LEED AP or other relevant certifications are considered a plus.

We understand the importance of providing a balanced work experience for all team members and offer a competitive salary and benefits package, with significant professional growth and development opportunities. If you are passionate about sustainable design and have the skills and experience we seek to make a difference, we encourage you to apply at info@LMMW.ca