

CAREER OPPORTUNITY

Energy Modeller

Efficiency Manitoba is Manitoba's newest Crown corporation focused on reducing electricity and natural gas consumption - helping customers save energy, money, and the environment. We have commenced operations and are in the process of building our team.

We are looking for individuals that have the experience, skills, and passion to help build and contribute to our organization that is transparent, fiscally responsible, and committed to delivering value to Manitobans. If you are qualified and inspired by this opportunity, we are looking for you!

We are currently recruiting for the position of **Energy Modeller**.

POSITION OVERVIEW

Working closely with the New Buildings Program Specialist and supported by a strong multi-disciplinary technical team, the Energy Modeller will be responsible to review and provide guidance for whole building energy models in the commercial, institutional, and multi-unit residential building sectors. This position focuses on energy efficient building design and functional and operational commissioning in support of high-performance buildings.

Candidates inspired by the opportunity to improve the energy efficiency and sustainability of the building stock in our province and who have the confidence, professionalism and sound judgment to achieve the best overall value for Efficiency Manitoba will want to explore this rare opportunity.

RESPONSIBILITIES

- Perform building energy modelling reviews and evaluations associated with building projects using energy modelling software tools to determine program eligibility.
- Review energy models for general conformance to and consistency with energy codes through the review of construction drawing details.

- Respond to participant inquiries as they relate to program technical issues.
- Provide technical and educational support for the development and evolution of high-performance building guidelines and standards.
- Establish and maintain a close working relationship with building design professionals (e.g. architects and engineers), associations, and trade allies within the design and construction industry.
- Develop and deliver industry educational presentations on building energy modelling at seminars, workshops, and training sessions for internal staff and external stakeholders.
- Maintain and enhance building modelling technical knowledge through educational development.
- Be actively engaged in relevant industry associations to promote high performance buildings and encourage participation in Efficiency Manitoba programs.

REQUIREMENTS

- A diploma or similarly appropriate formal training from a recognized college in the field of: Architectural Technology, or Civil Engineering Technology, or Building Sciences, or Construction Management, or Mechanical Engineering Technology.
- A minimum of five (5) years related design or construction experience.
- Eligible for registration with the Certified Technicians & Technologists Association of Manitoba.
- Minimum of two (2) years of related building energy simulation experience.
- Specialized working knowledge of building energy modelling software (eQuest, CAN-QUEST, EnergyPlus, Integrated Environmental Solutions (IES)-VE, Trane-Trace, Carrier-Hourly Analysis Program (HAP), or others); please provide relevant certificates of qualification.
- Certification in energy efficiency and sustainability field such as CEM®, CMVP®, BEMP, LEED® and/or others are an asset; please provide relevant certificates of qualification.
- Working knowledge of the National Energy Code for Buildings and Manitoba amendments.
- Experience with natural gas and electricity rates as used to perform savings calculations for energy efficiency measures in buildings.

- Proven ability to independently plan, organize and manage multiple projects in specific areas of responsibility involving a high degree of specialization while meeting deadlines and commitments.
- Demonstrated diplomacy and tact with proven capability to work effectively in a team environment and communicate with all levels of internal and external stakeholders.
- A general working knowledge of CAD and BIM applications would be an asset.
- Must possess a valid Manitoba driver's license.
- Must successfully complete a Personal Risk Assessment.

We offer a competitive compensation and benefits package and a supportive, team-oriented work environment.

Interested candidates are encouraged to submit their application including their qualifications and experience related to the position and suitability to fill this exciting role at Efficiency Manitoba, to careers@efficiencyMB.ca by 4:30 p.m. on October 2, 2020. Applicants are asked to reference the position title in the subject line of their application email.

Women, Indigenous peoples, persons with a disability and visible minority diversity candidates are encouraged to self-declare in their application.

We thank all candidates who apply, however, only those selected for an interview will be contacted.

For more information on Efficiency Manitoba including our vision, mission, strategic goals and guiding principles contained within our first annual report, candidates are encouraged to visit our website at www.efficiencyMB.ca.