



600 Southgate Drive
Guelph, ON N1G 4P6
Canada

Tel: +1.519.823.1311
Fax: +1.519.823.1316
E-mail: solutions@rwdi.com

Senior Energy Consultant

Toronto or Guelph, Ontario

RWDI is seeking a dynamic individual to join its **Sustainability** team as a **Senior Energy Consultant** in our **Toronto or Guelph** office. This is a full-time permanent position.

This position is considered the service line leader for the Energy team.

The right candidate will have 8 + years of building energy performance modelling experience.

The role includes but is not limited to the following:

- Assign project work, manage the workload and schedule of the team
- Develop building performance simulations and analyze results to guide the design of new and existing buildings.
- Advise clients, design teams, and team members of high-performance building strategies that will contribute to their successful pursuit of goals such as certification under LEED, Passive House, Zero Carbon or compliance under OBC and Toronto Green Standard.
- Communicate findings through reports, emails, presentations, calls, and in-person meetings.
- Responsible for continual development of team technical skill through mentorship of junior consultants, refinement of modelling methodologies, and ongoing research of codes, programs, standards and various other emerging sustainability issues and technologies.
- Prepare compliance documentation for various building performance codes, programs, and incentives.
- Develop and deliver presentations on technical topics internally and externally (e.g., lunch-and-learn, webinar) and lead sustainability and energy design workshops.
- Perform other technical analysis and research as necessary to support the sustainability and energy modelling team: enclosure effective thermal performance calculations, performing daylight simulation, thermal comfort analysis, renewable energy generation potential, GHG accounting, life cycle assessments, and building resilience studies.

Candidates will be primarily evaluated on their possession of the following qualifications, skills, knowledge, and experience. Please ensure you are clearly articulating these points in your application.

- Our primary simulation tool is IES Virtual Environment. **Applied experience with this software package is strongly preferred.**

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- Experience with other energy modelling software (eQuest, EnergyPlus, TRACE, HOT2000, etc..) will also be considered.
- **8 + years of building energy performance modelling experience.**
- Undergraduate or Graduate degree related to buildings, HVAC or energy efficiency.
- Credentials such as CEM, BEMP, or BESA.
- In depth knowledge of building design and construction processes, codes, and standards as well subjects such as HVAC systems and design, energy analysis methods, modelling tools and capabilities, sustainable design principles, thermal science (e.g. heat transfer, fluid dynamics), and daylight/lighting/electrical design.

Candidates should also possess:

- Demonstrated innovative, independent problem-solving methods/capabilities.
- Excellent written and verbal communication skills with the ability to work cross functionally.
- Strong people and team skills.
- Proficiency in SketchUp and MS Office with advanced Excel skills.
- Excellent verbal and written communication skills.

Please submit your cover letter and resume at the following link:

<http://rwdi.com/people/careers>

Salary: Commensurate with experience

Thank you in advance for your application. Only candidates selected for an interview will be contacted.

RWDI endorses and practices the principles of equal opportunity employment.

We are committed to diversity and inclusion.

Accommodations are available during all stages of the recruitment process in accordance with AODA and the Human Rights Code.