



## EMPLOYMENT OPPORTUNITY

**Closing Date:** 2026/05/26

# Resource Options Planning Engineer

## Winnipeg, MB

**Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers!** We are a leader among energy companies in North America, recognized for providing highly reliable service and exceptional customer satisfaction. Join our team of Manitoba's best as we continue to build a company that champions safety, supports innovation, and delivers on our commitment to customer service - while actively fostering a diverse, equitable, and inclusive workplace reflective of the communities we serve.

### Great Benefits

- Competitive salary and comprehensive benefits package.
- Defined-benefit pension plan for long-term financial security.
- Nine-day work cycle, typically resulting in every other Monday off to support a balanced approach to work, family life and community.

### Position Overview:

We are seeking a Resource Options Planning Engineer to join the Energy Resource Planning Department. Under the direction of the Generation System & Supply Options Studies Section Head, will be responsible for performing staged planning for new generation resource options to support supply planning and Integrated Resource Plan development. Activities include development of concepts, costs, schedules and reports for resource options and conducting integration studies through an integrated planning approach by coordinating staff and input from consultants and other departments.

### Responsibilities:

- Lead integrated planning studies for a range of new supply options including, but not limited to, wind, solar, batteries and hydropower from the Stage 1 Inventory Level to the Stage 4 Pre-investment Level.
- Lead studies to determine requirements for integrating new generation resources into the Manitoba Hydro integrated generation and transmission system.
- Develop and update concepts, cost estimates, schedules and in-service dates including development activities, alternatives and evaluations based on input developed within the department, from other departments and consultants.
- Develop and manage planning activity schedules and deliverables and drive their progress to completion.
- Direct and coordinate activities conducted by cross functional teams including members from within the department, other departments and by Consultants contributing to the staged planning studies. These studies included but are not limited to generation design, operations, transmission interconnection, licensing & permitting, property, environmental assessment and mitigation, cost estimating and risk analysis.
- Develop, maintain and deliver supply options input parameters annually for input to long term supply planning and integrated resource planning processes.
- Coordinate research and monitoring activities for supply options to ensure that planning considers modern technologies to be incorporated in the conceptual planning of supply options.
- Responsible for directing, conducting and participating in engineering economic analysis and evaluations, business case development and risk analysis.
- Lead and contribute to writing reports and technical memoranda documenting results of planning studies.

### Qualifications:

- Graduate in Civil, Mechanical or Electrical Engineering with a minimum of seven years of directly related experience including directing engineering work.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Demonstrated advanced ability to communicate effectively, both orally and in writing.
- Thorough knowledge of the planning, design and operation of hydropower, wind and solar would be an asset.
- Thorough knowledge of generation planning, engineering, cost estimating, scheduling and construction principles and

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contracting practices.

- Knowledge of the operation of an electrical utility's integrated systems including generation, transmission and HVDC operations.
- Demonstrated ability to effectively coordinate and direct personnel both inside and outside Manitoba Hydro.
- Must possess initiative and mature judgment with the ability to make and implement sound and timely decisions.
- Must display initiative in handling complex technical problems with minimal supervision.
- Demonstrated high degree of initiative, creativity and ability to motivate personnel both inside and outside of the Corporation.
- Organized and capable of scheduling work to meet defined objectives.
- Demonstrated experience with application of project management processes and tools to manage complex projects.
- Must obtain and maintain a current Personal Risk Assessment and a "Clear" security rating in accordance with Manitoba Hydro policy P513.
- Demonstrated ability to carry out numerous concurrent tasks.

### **Salary Range**

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$52.88-\$72.45 Hourly, \$101,332.40-\$138,828.30 Annually.

### **Apply Now!**

Ready to join a team that energizes Manitoba and puts safety, innovation, and inclusion at the heart of everything we do? Visit [www.hydro.mb.ca/careers](http://www.hydro.mb.ca/careers) to learn more about this position and to apply online.

**Application deadline: MAY 26, 2026.**

We appreciate your interest in Manitoba Hydro and thank all applicants. Only those selected for the next stage of the selection process will be contacted.

***If you require accommodations during the recruitment process or need this posting in an accessible format, please let us know - we're committed to a barrier-free experience for all candidates.***

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