



## EMPLOYMENT OPPORTUNITY

**Closing Date:** 29.07.2024

# INTEGRATED TRANSMISSION & DISTRIBUTION PLANNING ENGINEER WINNIPEG, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers!

### **Great Benefits**

- Competitive salary and benefits package.
- Defined-benefit pension plan.
- Nine-day work cycle which normally results in every other Monday off, providing for a balanced approach to work, family life and community.
- Flex-time and partially remote work schedule (providing the option to work remotely 3 days per 2 week period), depending on nature of work, operational requirements and work location.

Manitoba Hydro is 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 supports innovation, commitment, and customer service, while actively supporting a diverse, equitable and inclusive workplace.

We are seeking an Integrated Transmission & Distribution Planning Engineer to join our Integrated Resource Planning Division. You will be responsible for long-term analysis and strategic development recommendations to meet evolving customer needs.

### **Responsibilities:**

- Forecast and analyze the technical and economic impact of future scenarios on the distribution system, including the impact of various technology adoption and electricity usage scenarios (e.g., electric vehicles, distribution energy resources, fuel switching).
- Identify distribution system needs and assess the adequacy of the system development plans to meet future requirements. Make recommendations for strategic development of the transmission and distribution systems.
- Coordinate distribution system plans with Distribution Engineering Department as inputs to integrated planning analysis.
- Integrate load forecasting of the distribution system with existing transmission system and corporate forecasts and recommend enhancements to ensure consistency of methodology and tools.
- Provide input to the development of the Integrated Resource Plan, presenting a clear narrative of the results with supporting technical justification and analysis.
- Maintain thorough knowledge of the longer-term requirements of the transmission and distribution systems by securing strong working relationships and establishing ongoing communication with key parties.
- Develop and maintain appropriate system analysis tools.
- Inform development of new or recommend revision to existing transmission/distribution planning criteria and design standards to meet evolving system requirements.

### **Qualifications:**

- Graduate in Electrical Engineering from a University of recognized standing with a minimum of seven years related experience directly related to transmission and/or distribution planning.
- Registered professional member in good standing with Engineers Geoscientists Manitoba.
- Extensive knowledge and understanding of electrical transmission and distribution systems.
- Possess strong oral and written communication skills.
- Possess effective organizational and leadership skills.
- Demonstrated high degree of initiative and ability to build positive and effective working relationships with others at all levels both inside and outside the corporation.
- Demonstrated understanding of engineering economic principles.
- Comprehensive knowledge of computer applications used for electrical power system studies such as Cymdist, Distribution eGIS, PSS/E, DSA Tools, and PSCAD.
- Experience with Manitoba Hydro transmission planning would be an asset.

**Salary Range**

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$49.97-\$68.46 Hourly, \$95,747.86-\$131,177.28 Annually.

***Apply Now!***

Visit [www.hydro.mb.ca/careers](http://www.hydro.mb.ca/careers) to learn more about this position and to apply online. The deadline for applications is **JULY 29, 2024**.

We thank you for your interest and will contact you if you are selected for an interview.

***This document is available in accessible formats upon request. Please let us know if you require any accommodations during the recruitment process.***