Manitoba Hydro
energy for life

EMPLOYMENT OPPORTUNITY

Closing Date: 2026/09/08

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 permanent Planning Engineer to join our Distribution Planning Department in Winnipeg, Manitoba.

Responsibilities:

- Identify the need for and initiate planning studies for distribution substations and feeders ensuring the continued adequacy of the system considering safety, feasibility, economics, power flow, loss evaluation, reactive power requirements and system reliability. Prepare technical and economic engineering reports complete with recommendations for system improvements.
- Coordinate and present capital project proposals to the Department Manager, Division Manager, Distribution Technical Review Committee and the Concept Review Team. Be prepared to defend recommendations from both an Engineering and a financial perspective.
- Collaborate with Major and Key Accounts, Grid Infrastructure Planning, Distribution Design, Station Design and other stakeholders to ensure facilities are conceptualized, planned and budgeted for in a timely fashion considering the needs of the involved parties and Manitoba Hydro's customers.
- Provide assistance in the preparation and monitoring of the Capital Budget. Prepare Capital Project Justifications for Capital Budget approval purposes. Initiate the preparation of Capital Budget single line diagrams for system improvements.
- Provide information, assistance, and advice to other staff, consultants, and manufacturers on issues involving distribution facilities.
- Represent Manitoba Hydro in coordination of City of Winnipeg development and distribution system planning expansion by participating in regular joint-initiative meetings.
- Develop and mentor junior staff including engineers and technologists, reviewing their work for technical accuracy and adequacy.
- Actively participate in committees and working groups to develop formal criteria for the application of distribution planning.
- Maintain contact with the System Control Centre and Operations & Maintenance Departments with respect to operating conditions and facility requirements.
- Lead and support the evaluation of Non-Wires Solutions (NWS) by working collaboratively with Grid Modernization and Grid Infrastructure Planning to assess technical, operational, and economic feasibility for addressing system needs.

Qualifications:

- Graduate in Electrical Engineering from a university of recognized standing with a minimum of seven years of related experience and broad knowledge of electrical distribution system planning.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Extensive knowledge and understanding of the Manitoba Hydro electrical distribution system, safety rules and application of the Distribution Planning Standard
- Capable of devising new methods or modifying or adopting standard principles or practices to new or changing conditions.

- Demonstrated understanding of engineering economic principles.
- Comprehensive knowledge of computer applications used for electrical power system studies, such as Cymdist or PSS/E, and the Distribution eGIS
- Good knowledge of Corporation policies, procedures and regulations.
- Possess a valid Class 5 Province of Manitoba Driver's Licence.

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 to learn more about this position and to apply online.

Application deadline: SEPTEMBER 8, 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.