



EMPLOYMENT OPPORTUNITY

Closing Date: 2026/07/07

Planning Engineer (Electrical 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 Planning Engineer to join our Distribution Engineering Department. Under the direction of the Planning Team Lead, you are responsible for initiating and performing planning studies on distribution systems and substations, including system analysis and preparation of planning reports with feasible options and/or recommendations to continue adequate system capacity and operation within established criteria.

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 options and/or recommendations for system improvements.
- Working with Asset Lifecycle Management Department to conduct planning studies to address distribution asset and infrastructure concerns, and provide proposals for the redevelopment of supply to address their long-term needs. Prepare technical documents and presentations to deliver study results.
- Consult with customer service representatives on major customer load additions. Ensure that system considerations are included in supply decisions.
- Initiate the preparation of Capital Budget Single Line diagrams for system improvements. When required, make presentations to the Concept Review Team.
- Provide information, assistance, and advice to other staff, consultants, and manufacturers on issues involving distribution facilities.
- Train and mentor junior staff, including Engineers-in-Training and students, performing distribution planning studies.
- Maintain contact with the System Control and Operations & Maintenance Departments with respect to operating conditions and facility requirements.
- Work closely with the Protection and Automation Engineer to develop new advanced distribution automation strategies.

Qualifications:

- Graduate in Electrical Engineering from a University of recognized standing with a minimum of six years of related experience that includes one year of experience in electrical capacity planning or electrical Distribution.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Demonstrated knowledge and understanding of the electrical distribution system, safety rules and application of the Distribution Standards.
- Demonstrated ability to plan, organize and control activities relative to Planning responsibilities.
- Good understanding of engineering economic principles.
- Good understanding of 66kV and below distribution standards would be an asset.

- Working knowledge of computer applications used for electrical power system studies, such as Cymdist or PSS/E, and the Distribution eGIS.
- 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 \$48.74-\$67.29 Hourly, \$93,398.24-\$128,947.78 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: JULY 7, 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.