Manitoba Hydro energy for life

EMPLOYMENT OPPORTUNITY

Closing Date: 2026/12/08

Apparatus 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.
- Enjoy a work schedule that typically provides every second Monday off (subject to location and operational requirements), supporting a balanced approach to work, family life and community.

Position Overview:

Are you passionate about high-voltage equipment, power systems, and the delivery of reliable electrical infrastructure?

We are looking for an Apparatus Engineer to join our Station Design Department, where you will play a key role in the specification, evaluation, procurement, and technical acceptance of critical electrical switchyard apparatus used throughout Manitoba Hydro's transmission, distribution, generation, and HVDC systems.

In this role, you will provide technical leadership in the application, procurement, and performance of complex apparatus including transformers, reactors, breakers, instrument transformers, switchgear, and other station equipment. You will participate in the full lifecycle of major apparatus procurements, including specification development, supplier evaluation, design reviews, factory inspections, and witness testing.

Working with a team of experienced engineering professionals, you will solve complex technical problems, provide expert guidance across the Corporation, and collaborate with manufacturers, consultants, and industry partners to deliver safe, reliable, and cost-effective engineering solutions.

This is an excellent opportunity for an engineer interested in combining technical expertise, supplier engagement, procurement, contract management, and cross-functional collaboration while contributing to the future of Manitoba Hydro's electrical system.

This is a term opportunity with an approximate duration of 5 years.

Responsibilities:

- Lead the development of detailed technical specifications and procurement process for complex Station Apparatus such as transformers, reactors, breakers, instrument transformers, switchgear, and other station equipment.
- Responsible for analysis of technical and commercial data as well as leading the negotiation process with vendors in preparation of recommendations for the supply of complex apparatus.
- Provide expert consultation, training, etc. to all areas of the Corporation on the application and design considerations of complex station apparatus.
- Lead complex apparatus design reviews to ensure technical requirements have been satisfied and inspect apparatus and witness tests on equipment as required.
- Develop and maintain specifications in accordance with CSA, ANSI/IEEE and IEC standards while utilizing best utility practices in conjunction with manufacturers.
- Support Technical staff in the detailed review of apparatus drawings, manuals and test reports for completeness and accuracy.
- Advise planning and design personnel in the development of station layouts, complex apparatus requirements and station configuration with regard to operation and protection considerations.
- Provide expert advice to all areas of the Corporation on projects with short lead times or special requirements, including

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urgent application or failure investigations of complex electrical apparatus.
- Liaison with Consultants performing assigned work.

Qualifications:

- Graduate in Electrical Engineering from a university of recognized standing with a minimum of seven years' experience in related utility work covering apparatus procurement, complex engineering apparatus design along with construction and testing standards.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Demonstrated ability to provide expert technical guidance related to complex electrical apparatus.
- Fully knowledgeable of electrical apparatus standards and codes.
- Knowledge of utility power systems and the practices used to operate and maintain them.
- Demonstrated ability to effectively communicate complex engineering details, both orally and in writing.
- Demonstrated ability to foster productive partnerships with employees, manufacturers, and consultants to support business and operational goals.
- Extensive experience in design and procedures including evaluation and purchase of complex apparatus and in coordination of overall project processes.
- Thorough knowledge of Corporation policies, procedures and regulations.
- Possess a valid Province of Manitoba Driver's Licence.

Candidates from outside Manitoba are encouraged to apply. Relocation assistance may be available for qualified candidates.

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: DECEMBER 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.

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