



EMPLOYMENT OPPORTUNITY

Closing Date: 21.01.2025

SUBSTATION GROUNDING 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 a Substation Grounding Engineer to join our Station Design Department. Under the general direction of the Section Head, Structure, Equipment & Grounding, you will provide leadership and act as a senior specialist in the modeling and design of grounding systems for transmission and distribution stations.

Responsibilities:

- Direct the modeling, design, and development of mitigation measures of transmission and distribution station grounding systems to ensure the safety of employees and the public as well as the proper operation and protection of station equipment.
- Direct development of new grounding design standards, innovative methods, and design specifications for new or modified station facilities, plus the adherence to existing standards, practices, and procedures.
- Direct the design of all electrical bonding and grounding practices and standards associated with station outdoor switchyards, buildings, structures, fences, apparatus, equipment, and materials.
- Direct the activities of consultants and/or contractors, providing grounding measurements, studies, and designs. Coordinate with internal project managers, contract management specialists, and stakeholders throughout the enterprise to ensure that all share a common understanding of project requirements and deliverables.
- Supervise design deliverables and maintain accountability in terms of meeting committed scope, schedules, and estimates. Coordinate work team efforts to ensure consistency, efficiency, and achievement of committed priorities.
- Lead and mentor the development of staff, including Engineers, Technical Officers, and Technical Assistants. Perform administrative duties, including interviews, performance appraisals, personal development plans, and discipline.
- Represent Station Design and provide consulting services in the field of grounding designs to the Transmission, Marketing, Customer Service, and Generation and Wholesale groups.

Qualifications:

- Graduate in Electrical Engineering from a university of recognized standing with a minimum of seven years of related experience, of which a minimum of three years is covering station design, construction, and/or commissioning.
- Demonstrated proficiency using the CDEGS software package is a requirement.
- Professional member in good standing with Engineers Geoscientists Manitoba.
- Thorough knowledge of station bonding and grounding practices, standards, and installation. Familiar with all types of stations, voltage classes, and their design. Familiar with Electrical Code, applicable standards, and construction practices.
- Proficiency in station grounding studies, including testing procedures, modeling, and mitigation methods.
- Demonstrated clear understanding of working relationships between interdisciplinary project participants, project stakeholders, and owners, including project management and project reporting activities, methods, and procedures.
- Demonstrated ability to provide mature leadership in planning, organizing, and directing the activities of a group of highly skilled Engineers, Technical Officers, and Technicians.

- Demonstrated ability to motivate others and a high degree of initiative.
- Demonstrated ability to communicate tactfully in all circumstances with internal stakeholders and external consultants, and maintain harmonious and effective working relationships with others at all levels of both internal and external organizations.
- Thorough knowledge of corporate procedures, policies, and regulations.
- Possess a valid Province of Manitoba Driver's Licence.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$51.34-\$70.34 Hourly, \$98,380.88-\$134,784.78 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. The deadline for applications is **JANUARY 21, 2025**.

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.

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