



EMPLOYMENT OPPORTUNITY

Closing Date: 15.10.2024

SENIOR SWITCHYARD ELECTRICAL DESIGN 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 Senior Switchyard Design Engineer to join our Station Design Department. Under the general direction of the Section Head, Switchyard Electrical & Grounding Design, provide leadership and act as a senior specialist in the electrical design of switchyard facilities for high voltage AC transmission, distribution, and HVDC Converter stations.

Responsibilities:

- Direct the design of high voltage AC transmission, distribution, and HVDC Converter stations ranging in voltages up to 500 kV and from the concept stage to final design, ensuring design deliverables meet all the requirements of project stakeholders and owners.
- 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.
- 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.
- Direct the activities of consultants and/or contractors providing designs. Coordinate with internal project managers, contract management specialists, and stakeholders throughout the corporation to ensure that all share a common understanding of project requirements and deliverables.
- Direct the design of all electrical aspects of station switchyards including the overall layout, selection of equipment & placement of apparatus, structure & bus configuration, clearances, insulation levels, and specification of materials.
- Direct development of new design standards, innovative methods, and design specifications for new or modified station facilities, plus the adherence to existing standards, practices, and procedures, to ensure they are feasible, and can be constructed and maintained in a safe and efficient manner.
- Represent Station Design and provide corporate level consulting services in the field of switchyard designs.
- Assisting the SEG Section Head; Oversee the coordination of Station Design's departmental Scoping and Estimating and Project Schedule Management processes. Liaise with Station Design Section Heads and Project Managers/Coordinators. Direct and oversee updates to processes and resolve challenges at the departmental level as required.

Qualifications:

- Graduate in Electrical Engineering from a University of recognized standing with a minimum of seven years related experience of which a minimum of three years is covering station design, construction, and/or commissioning.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Thorough knowledge of all types of stations, voltage classes and their design. Familiar with all types of equipment, including applications involving SF-6, switchgear, SVC's and HVDC converter stations. Familiar with Electrical Code, applicable standards, and construction practices.
- 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 & 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 \$49.97-\$68.46 Hourly, \$95,747.86-\$131,177.28 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. The deadline for applications is **OCTOBER 15, 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.

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