



Employment Opportunity

Generating bright futures

Closing Date: 2023/02/07

SENIOR OVERHEAD 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 two days per week), 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.

We are seeking a Senior Overhead Engineer to join our Distribution Engineering Department. Under the general direction of the Winnipeg System Improvement Design Engineer, the Senior Overhead Engineer shall lead and provide expert technical direction to Department and section staff by performing project design of major system improvement to the electrical distribution within and around the Winnipeg area including the sealing of drawings and maintaining department compliance with overhead engineering standards. The Design Engineer will ensure designs meet Manitoba Hydro standards and industry codes in a safe and cost-effective manner.

Responsibilities:

- Department technical lead for overhead engineering, including technical training on non-linear analysis, PLSCADD, and applicable engineering tools used to analyze the strength of structures, across all Department user groups.
- Act as the Department go to for technical advice on how to model complex overhead structures.
- Represent the department externally, on all technical aspects related to distribution design. Represent Manitoba Hydro at the PLS-CADD Advanced Training and User Group Meeting, and on CSA C22.3 No. 1.
- Lead and mentor the development of staff, including technical assistants.
- Perform administrative duties including interviews, performance appraisals, personal development plans and discipline.
- Design, review, and assume professional responsibility for as well as supervise the preparation of work order packages (construction drawings, bills of materials and cost estimates) for major electrical distribution projects.
- Provide technical design support to Technical Assistants, EITs, and external design consultants for overhead and underground design projects, including all additions and modifications to the electrical distribution system ensuring safety, compliance with standards and cost efficiency.
- Liaise with internal and external stakeholders including Planning, Protection, Construction, Customer Service Operations, Civil Design, Station Design, City of Winnipeg, other utilities, Government departments, Municipalities and Engineering consultants concerning technical requirements and ensuring assigned completion dates and deliverables are recognized and achieved.
- Instructor for overhead systems at the Distribution Engineering Technical Schools (DETS).
- Conduct field surveys with Construction, Operations and Customer Service personnel and evaluate suggestions for rebuilds and modifications. Make on-site design changes as required.
- Review As-Built drawings to verify the accuracy of the drawings and the correct completion of the field work.

Qualifications:

- Graduate in Electrical Engineering from a recognized University with a minimum of seven years of related experience, and a broad knowledge of electrical distribution systems.
- A Bachelor of Science degree in Engineering from another discipline with acceptable exposure to Electrical Transmission/Distribution System Design would also be considered.

- Must be a registered member of Engineers Geoscientists Manitoba.
- Demonstrated knowledge in the design of distribution systems.
- Demonstrated knowledge and experience with PLSCADD and non-linear analysis.
- Demonstrated understanding of construction methods and procedures.
- Good understanding of equipment and material used in electrical distribution.
- Familiar with and adhere to Manitoba Hydro's Safety Manual and other approved practices and procedures.
- Demonstrated ability in report writing and in preparing and making oral presentations.
- Demonstrated comprehensive knowledge of both Corporate and Industry Standards in the field of electrical utility distribution system design.
- Capable of devising new methods or modifying standard principles or practices to new or changing conditions.
- Good knowledge of Corporation policies, procedures, and regulations.
- Display initiative in handling involved and adverse technical problems.
- 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 \$47.79-\$65.48 Hourly, \$91,582.66-\$125,470.80 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. **The deadline for applications is FEBRUARY 7, 2023.**

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.