



EMPLOYMENT OPPORTUNITY

Closing Date: 2025/07/14

FACILITIES, FIBRE AND OPTICAL TRANSPORT 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 permanent Facilities, Fibre and Optical Transport Engineer to join our Telecommunications Department in Winnipeg, Manitoba.

Responsibilities:

- Supervise, coordinate and directly support technical staff and provide related functional leadership to project team members, field technicians, suppliers, and contractors.
- Provide complex and non-routine technical expertise and analysis for the selection and development of corporate optical transport and channel multiplex communications networks including network synchronization, network management, power line carrier and teleprotection equipment.
- Provide complex and non-routine technical design expertise to support facility requirements which may include buildings, reserve power, towers, HVAC, alarms and other ancillary supporting systems.
- Provide complex and non-routine technical design expertise to support fibre optic cable requirements which may include OPGW, Aerial and buried and intrabuilding fibre cables. Responsible for overseeing related equipment systems designs, technical specifications, procurement and selection activities, design drawings, installation work descriptions, project management, commissioning procedures, and related administration of contracts.
- Responsible for critical energy system telecommunication transport equipment for protection and control applications to support adequate latency and redundancy requirements.
- Assist internal and external planning and project management staff in scoping, scheduling, cost estimating, progress reporting, and cost control of related projects.
- Provide support to maintenance engineering and field technicians on existing systems and facilities.
- Make related technical presentations.

Qualifications:

- Graduate of Electrical Engineering from a University of recognized standing plus a minimum of seven years related engineering work experience.
- Membership in good standing with Engineers Geoscientists Manitoba (EGM) Demonstrated ability to perform all supervisor responsibilities and lead technical teams.
- Ability to plan, design, organize, and control all aspects of complex optical transport or facilities projects.
- Demonstrated understanding of the design and operation of Optical Transport, multiplex and carrier systems.
- Demonstrated understanding of the design and operation of Telecommunications Facilities and supporting infrastructure which including buildings, reserve power, towers, HVAC, alarms and other ancillary systems.
- Demonstrated understanding of the design and fibre optic cabling and supporting infrastructure which includes OPGW, aerial and buried cables.

- Demonstrated ability to effectively use MS Office, drawing, and GIS database computer applications.
- Must have a valid Province of Manitoba Class 5 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 JULY 14, 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.