



EMPLOYMENT OPPORTUNITY

Closing Date: 11.02.2025

POWER SYSTEM APPLICATION 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 Power System Application Engineer to join our Control Centre Technology Systems Department in Winnipeg, Manitoba.

Responsibilities:

- Maintain and troubleshoot the AEMS and its interfaces to other systems on a day-to-day basis as part of the CCTS team.
- Provide engineering support, technical guidance, and training with respect to the maintenance, security, and operation of the AEMS/ADMS/GridOS and seek opportunities for creative solutions and innovative implementations.
- Conduct research studies and engineering analysis, prepare detailed engineering reports, and design and develop software solutions for the AEMS/ADMS and GridOS.
- Apply DevSecOps principles wherever possible in development, testing, and maintenance of supported systems.
- Provide maintenance and support for all categories of applications used by System Control and related departments at the control centre.
- In conjunction with designers, maintainers, consultants, manufacturers, and other specialists, ensure all aspects of implementation and operation of new system designs meet the needs and operating requirements.
- Interface with maintainers of connected systems to ensure system operation and reliability.
- Review the performance of a wide range of proprietary and off the shelf software and critical systems, analyze changes to system and user requirements and develop and implement software solutions as required.
- As required, provide 24-hour support (standby) to the System Control Centre as part of the CCTS on-call rotation.

Qualifications:

- Graduate in Electrical or Computer Engineering from a university of recognized standing with a minimum of four years of related engineering experience.
- Membership in good standing with Engineers Geoscientists Manitoba.
- Critical Infrastructure Protection (CIP) Training is required and must be completed no later than two weeks after the start date.
- Must have completed Standards of Conduct training or be willing to complete within two weeks of start date.
- Obtain and maintain a current Personnel Risk Assessment and a "Clear" security rating in accordance with Manitoba Hydro policy P513.
- Experience with AEMS/ADMS/GridOS products is an asset.
- Demonstrated effectiveness in performing engineering analysis, developing solutions, integrating software solutions, and software development best practices.
- Demonstrated experience in software development and programming using C++, Python, Visual Studio, scripting tools, and utilities would be an asset.
- Demonstrated effectiveness in providing technical guidance and problem management skills to the ongoing operations of

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computer systems.

- Demonstrated ability to handle several concurrent tasks in an efficient and organized manner.
- Demonstrated ability to establish and maintain successful working relationships with external and internal contacts in multiple departments and positions.
- Demonstrated initiative and enthusiasm in handling involved and complex technical problems.
- Adept in the latest technological developments, continuously updating and maintaining technical knowledge in keeping with the changing technology. Be a leader in optimizing complex work processes through technology innovation.
- Must be willing to work long and unusual hours as part of upgrade projects, system troubleshooting, and standby rotation.
- Possess a valid Manitoba Driver's Licence.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$43.44-\$59.95 Hourly, \$83,247.84-\$114,870.60 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 11, 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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