



EMPLOYMENT OPPORTUNITY

Closing Date: 2026/08/04

Capacity Operations Studies Engineer Winnipeg, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers! We are 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 champions safety, supports innovation, and delivers on our commitment to customer service - while actively fostering a diverse, equitable, and inclusive workplace reflective of the communities we serve.

Great Benefits

- Competitive salary and comprehensive benefits package.
- Defined-benefit pension plan for long-term financial security.
- Nine-day work cycle, typically resulting in every other Monday off to support a balanced approach to work, family life and community.

Position Overview:

We're looking for a Capacity Operations Studies Engineer to conduct analysis and studies and engage with internal stakeholders to support Manitoba Hydro's resource adequacy and optimization of its resources in the operations planning time horizon. This includes involving ongoing assessment of all supply/demand components such as generation, outages, load, exports/imports and losses.

Responsibilities:

- Support the mid-term (2 weeks to 3 years out) capacity planning framework, process and reporting structure for stakeholders across the enterprise.
- Prepare before, and after-the-fact analysis of Manitoba Hydro's capacity position to ensure sufficient accredited capacity resources meet reliability requirements.
- Assist with Enterprise-wide outage coordination efforts including setting and communicating appropriate planned outage placeholders.
- Conduct risk assessments for the capacity supply/demand balance in the operations planning time horizon, including probabilistic modelling, as required.
- Assess the impact of new resources to the operations planning time horizon as they come into service, including new wind, dispatchable capacity, demand response, hydro enhancements, etc.
- Engage with staff in other areas such as Energy Markets, System Operations, Asset Management, Project Management, Generation Operations & Maintenance to support the ongoing outage coordination and outage optimization activities.
- Assist in providing adequate assessment and accreditation of hydraulic generation capability that is aligned with NERC and evolving MISO (Midcontinent Independent System Operator) standards and business practices.
- Prepare and process up-to-date outage schedules in the Decision Support System database.
- Help prepare studies and report on the before and after-the-fact estimates of costs and benefits for maintenance outages and process up-to-date outage schedules in the Decision Support System database.

Qualifications:

- Graduate in Engineering from a University of recognized standing with a minimum of six years' experience, including two years direct experience in the area of hydroelectric utility operations or planning.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Familiarity with the Manitoba Hydro generating system including system operating techniques and practices is an asset.
- Above average mathematical aptitude with skills in systems techniques, statistical analysis, and scientific computer programming.
- Must be a team player but capable of working independently, innovative, organized, practical, tolerant and possess mature judgement.
- Knowledge of corporate policies, procedures, and regulations.

- Must be willing to enroll in formal training sessions related to supporting the principal duties of this position.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$48.74-\$67.29 Hourly, \$93,398.24-\$128,947.78 Annually.

Apply Now!

Ready to join a team that energizes Manitoba and puts safety, innovation, and inclusion at the heart of everything we do? Visit www.hydro.mb.ca/careers to learn more about this position and to apply online.

Application deadline: AUGUST 4, 2026.

We appreciate your interest in Manitoba Hydro and thank all applicants. Only those selected for the next stage of the selection process will be contacted.

If you require accommodations during the recruitment process or need this posting in an accessible format, please let us know - we're committed to a barrier-free experience for all candidates.