



## North Battleford Power L.P.

### **Maintenance Manager**

North Battleford Power LP ("NBPLP") is a 260 MW Cogeneration facility being constructed by Northland Power Inc ("Owner") in North Battleford, Saskatchewan, Canada. The plant has a 20 year power purchase agreement with Saskatchewan Power Corporation. NBPLP has entered into a contract with an EPC contractor to provide all design, procurement and construction services. The EPC contractor is currently mobilizing to site with early works having begun in May 2010.

North Battleford Power requires a facility Maintenance Manager, with a strong background in combined cycle cogeneration facility management, to administer and supervise direct a small crew of Maintenance Technicians, providing them with the proper tools and means to safely perform their duties. Reporting to the Plant General Manager, the Maintenance Manager will ensure that maintenance is carried out according to all regulatory and business requirements. The candidate will develop and implement predictive and preventative maintenance systems to ensure that plant availability is maximized and maintenance costs are at or below the annual approved plan. The candidate will use his/her superior administrative and communication skills to balance the requirements of all NBPLP stakeholders including the maintenance and operations staff, lenders, local officials, provincial and federal regulatory agencies and Northland Power head office team members. The candidate will play a key role in the construction of the facility and transition into operations.

During construction the Maintenance Manager will:

1. Interact daily with the EPC Contractor to resolve construction issues as they relate to safety, the environment, quality, installation and maintenance.
2. Perform quality surveillance of Contractor activities by inspection, record, review, monitoring, and testing for compliance with contractual specifications and procedures as well as applicable codes and standards.
3. Support NBPLP site personnel and Owner's contractors.
4. Review contractors' monthly reports and schedule updates.
5. Work with EPC contractor to develop equipment storage and maintenance procedures and quality assurance checks to ensure the equipment and systems are properly functioning when placed in service.
6. Develop, implement and maintain a document management system for all O&M document submittals to ensure a smooth transition of care custody and control of the facility on or before the expected commercial operation date.
7. Support the development, implementation and enforcement of North Battleford Power policies and procedures.
8. Execute other assignments and responsibilities as required.

Prior to and after Commercial Operations the Maintenance Manager will:

1. Ensure the health and safety of all North Battleford Power employees, contractors, and visitors in compliance with OHS regulations and the safe working practices and procedures that will be established by NBPLP.
2. Schedule maintenance work based on the input from plant operations. Co-ordinate plant and major maintenance equipment outages.
3. Schedule maintenance technicians time according to work schedule.
4. Supervise and perform administrative function for maintenance technicians including performance evaluations and salary administration of maintenance technicians.
5. Standardize, monitor and facilitate the continuous improvement of the predictive and preventative maintenance program.
6. Provide maintenance training for NBPLP plant personnel. Determines and monitors maintenance budget including major equipment maintenance. Administers housekeeping of plant to ensure only consumables, tools and a minimal amount of spare parts are kept on site.
7. Develop and maintain the spare parts inventory.
8. Ensures repairs / modifications of boilers and process piping are per regulatory code.
9. Authorize, approve and be responsible for all maintenance, repairs or work performed within the plant or in connection with associated equipment.
10. Manage the NBPLP capital expenditure program.
11. Assist the operations team with engineering studies and upgrades required to optimize plant efficiency.
12. Identify areas to apply new technologies that will enhance plant operation by conserving fuel and reducing maintenance down time.

13. Assists other groups within NPI by developing a network of communications and support.
14. Develop and implement plant performance monitoring systems to identify areas for improvement in reliability, plant efficiency and long term costs.
15. Review and understand operational contracts to ensure that the plant is operating within the contract requirements.
16. Lead problem solving exercises to eliminate plant reliability problems.
17. Closely interface with all personnel in order to encourage innovations wherever possible.
18. Provide strong leadership in the development and implementation of Safety & Environmental systems and procedures.

The candidate will have:

1. Extensive experience in the maintenance of large-scale power generation projects. Strong technical, project planning, and administration skills. Experience in maintaining gas-fired combined cycle or a cogeneration project is strongly preferred.
2. Knowledge of the maintenance of turbine control, PLC and distributed control systems.
3. A minimum of 5 years supervisory experience including employee performance reviews and salary administration.
4. 5 - 15 years of proven power industry experience. An undergraduate degree in Engineering or technology diploma is preferred but not essential.
5. Functional understanding of Canadian Codes and Standards for concrete, structural steel, piping and pressure vessels (including the boilers), and electrical equipment.
6. Familiarity with large rotating equipment including "F" class combustion turbines, condensing and non-condensing steam turbines, and all configurations of pumps.
7. Experience in the maintenance of high pressure boilers and pressure equipment.
8. Advanced computer skills including proficiency in Microsoft Office suite (Word, Outlook, Excel and PowerPoint), estimating, and scheduling software (Microsoft Project) and maintenance management software packages.
9. Strong business acumen, combined with solid negotiating skills and innovation in reaching compromises. Decisions must be made with sound technical and risk judgment in consideration of cost and/or operational impact, while remaining flexible to encourage creativity and/or input from others.
10. Physical endurance to withstand exposure to noise, dust, heat and cold. Ability to work in awkward positions, including kneeling, bending, twisting, pushing, pulling, lifting (up to 50 pounds) and climbing.
11. A strong desire to "do what it takes" to ensure the reliability and availability of the facility with the ability to work overtime, weekends and holidays as dictated by plant schedules. The ability to travel is also required.

Compensation:

Salary will be competitive and commensurate with experience. All candidates must include salary and bonus expectations with their resume.

Qualified candidates should send a resume and cover letter to: [careers@Northlandpower.ca](mailto:careers@Northlandpower.ca) or to

Northland Power Inc.  
30 St. Clair Ave. W,  
12th Floor  
Toronto, ON  
M4V 3A1

Please submit all resumes by March 4, 2012 and mark all correspondence "CONFIDENTIAL: NBPLP EMPLOYMENT DOCUMENTS".

Northland Power is an equal opportunity employer. All candidates must submit to a pre-employment physical examination which will include drug and alcohol screening. Northland Power and NBPLP would like to thank all candidates for their interest in the position but only selected candidates will be contacted for interview.