



## North Battleford Power L.P.

### **Plant Engineer**

North Battleford Power LP (“NBPLP”) is a 260 MW Cogeneration facility being constructed by Northland Power Inc. (“NPI”) in North Battleford, Saskatchewan, Canada. The plant has a 20-year power purchase agreement with the Saskatchewan Power Corporation. NBPLP has retained an EPC Contractor to provide all design, procurement and construction services. The EPC Contractor has mobilized on site with completion expected in 4<sup>th</sup> quarter 2012.

NBPLP requires a facility Plant Engineer to assume responsibility for water treatment, environmental and Health and Safety programs as required by the facility. The candidate will preferably have knowledge of CCGT plants covering gas and steam turbines, Heat Recovery Steam Generator (HRSG) and balance of plant areas from a Technical/Chemistry/Environmental perspective. Reporting to the Maintenance Manager, the candidate will ensure that all relevant business and regulatory requirements are met. The candidate will develop and implement systems to ensure that plant chemistry is optimized, that all environmental monitoring and reporting is completed in a timely and professional manner and take a lead in ensuring NBPLP implements and maintains a quality safety program. 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.

#### **Duties:**

##### **During construction the Plant Engineer will:**

1. Interact daily with the EPC Contractor to resolve construction issues as they relate to safety, the environment, quality and installation of systems and equipment.
2. Perform routine inspections to ensure compliance with applicable codes and standards.
3. Support NBPLP site personnel and Owner’s contractors.
4. Review contractors’ monthly safety and incident reports.
5. Participate in job or site specific training as may be required.
6. Develop, implement and maintain a water chemistry management system in preparation for commissioning and operation of the facility leading up to the expected commercial operation date.
7. Support the development, implementation and enforcement of North Battleford Power E, H&S policies and procedures.
8. Execute other assignments and responsibilities that may be of interest to the candidate or required by the management.

##### **Prior to and after Commercial Operations the Plant Engineer will:**

1. Ensure the health and safety of all North Battleford Power employees, contractors, and visitors are in compliance with OHSA regulations and the safe working practices and procedures that will be established by NBPLP.
2. Identify projects or work required to maintain or improve system operational quality.
3. Perform administrative functions for chemistry, environmental and health & safety programs.
4. Assist in annual budget process for chemical, environmental and health and safety areas.
5. Assist the operations team with engineering studies and upgrades required to optimize plant efficiency.
6. Identify areas to apply new technologies that will enhance plant operation by conserving materials and reducing maintenance down time.
7. Assists other groups within NPI by developing a network of communications and support.
8. Develop and implement plant performance monitoring systems to identify areas for improvement in reliability, plant efficiency and long term costs.
9. Review and understand operational contracts to ensure that the plant is operating within the contract requirements.
10. Closely interface with all personnel in order to encourage innovations wherever possible.
11. Responsible to ensure the facility Safety program including chemical safety, transportation and control of dangerous goods, confined space entry and incident response are adhered to.
12. Providing expert chemical advice to the operations teams to ensure the safe, reliable and economic operation of the assets
13. Developing and maintaining external relationships with technical service providers and liaise with OEM support staff.
14. Take an overview of chemistry procedures and practices in order to develop them in line with industry standard practices.

15. Input into the engineering and plant status reviews of the asset performance and potential improvements.
16. Undertake and report on asset integrity inspections at major outages and on an opportunistic basis.
17. Review site chemical contracts with a view to establishing and maintaining a cost effective contract strategy.
18. Provide support for environmental monitoring, reporting, liaison with external bodies and incident response.
19. Support the “Dispatch & Settlements Billing” process during the first six (6) months and assume ownership of this thereafter.

**The candidate will have:**

1. Knowledge in implementing environmental standards as set forth by the Ministry of Environment, as well as taking the appropriate actions to ensure compliance with site specific permits.
2. An awareness of safe systems of work, chemical safety and Ministry of Labour regulations for Saskatchewan.
3. A reasonable level of computer literacy is required with experience in MS Office applications and other relevant job software.
4. The ability to communicate at a high level advising executive officers, plant managers and operations personnel in addition to planning and directing their own work.
5. Familiar with budgetary practices and procedures.
6. Experience in responding to any site specific environmental request for information resulting from an agency inspection and you will be the first line negotiator during the inspections.
7. The capability of directing site activities to ensure that operations are consistent with the rules and guidelines for operational plant chemistry activities and needs.
8. The physical endurance to withstand exposure to noise, dust, heat and cold as well as the ability to work in awkward positions, including kneeling, bending, twisting, pushing, pulling, lifting (up to 50 pounds) and climbing as typically experienced in a power generation facility.
9. 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.
10. Opportunities to act as a resource for the corporate office and other Northland Power facilities and have the ability to travel as required in conjunction with those opportunities.
11. An undergraduate degree in Engineering or technology diploma.

**Additional Info:**

- Criminal background checks will be performed on each candidate prior to an offer of employment.
- Facility is a non-smoking site.
- Probationary period in place

**Compensation:**

Salary and benefit package will commensurate with experience. This position is overtime exempt under the Saskatchewan Employment Standards Act. Vacation allotment to be consistent with established Northland Power policies. All candidates must include salary, vacation and any 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 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 may 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.

Please submit all resumes by March 4, 2012.