

Job Title: Operator
Reports to: Plant Manager
Location: Moresby Lake, British Columbia

Summary: The Operator is to be part of a small team that is accountable for all operations and maintenance activities at the Moresby Lake Generating Station; engaging in maintenance activities, trouble shooting and repairing equipment, effectively using the Computerized Maintenance Management and Drawing Management Systems, developing maintenance and operational procedures and training manuals, conducting safety and environmental inspections, operating the plant, managing on site contractors, communicating with BCH Hydro, administering the worker protection system, and other related duties as assigned.

The 6 MW Moresby Lake hydro-electric power plant is located on the west side of Haida Gwaii in a very remote area. There will be extended periods (up to 3 weeks) where the Operator may be required to work alone in an isolated environment with limited human interaction. At other times, there may be contractors or guests on site for several days at a time. Travel subsidies may be made available when travelling to site.

Job Description: With safety of yourself and all those around you as the highest priority, the Operator is expected to:

- Specifically monitor and maintain power plant equipment including generator, sets, transformers, high voltage switchgear, communications systems, computers, fire systems, mobile equipment, intake screen cleaning and security systems;
- Provide scheduling assistance, assist in providing technical expertise, conduct pre-job briefings and post job debriefings, assist colleagues to resolve problems, monitor tasks, assist others in investigating and resolving problems, and reporting incidents, accidents or safety concerns;
- Provide input to the Operations Management on business plans and corporate direction, and ensure on-going appropriate relationships with other employees and contractors;
- Ensure the delivery of optional results against appropriate performance metrics such as budget targets, station unit availability, reliability and capacity;
- Identify process improvement or optimization opportunities;
- Research product procurement options;
- Provide mentoring to fellow employees to achieve employee development goals;
- Monitor and analyze equipment performance and perform trend analysis and prepare reports concerning plant operation, production and maintenance activities;
- Coordinate maintenance and equipment outages with other Operators as required;

- Assist the off-site Plant Administrator and the other Operators in the performance of their duties as required;
- Demonstrate a high level of performance and behavioral skills, including the ability to multi-task, and make independent decisions, strong verbal and written communication skills, strong organizational skills, with the ability to manage in a dynamic high work volume environment with shifting priorities;
- Demonstrate a strong focus on safety, an interest in continuous improvement, strong team work skills, with an ability to establish effective working relationships with a variety of people;
- Be willing to occasionally travel to other plants to assist as required. Must be able to fly in helicopters and on commercial airplanes, and travel by boat;
- Be willing to work alone in isolated areas for extended periods. Willing to work with and care for a dog; and Note that the consumption of alcohol or drugs on site is prohibited.

Requirements:

Education

- Grade 12 diploma or equivalent;
- Relevant Trade certificate preferred (industrial electrician, millwright, etc.). Extensive experience in the operations and maintenance of hydro-electric generating facilities may be considered in lieu of this.

Experience

- Valid BC Driver's License;
- Must have a PAL to use and carry a firearm;
- 2-4 years hands on operations experience;
- Proficient use of a Computer, Microsoft Office Suite.

Work Process Skills

- While engaged in company business, employees are expected to conduct themselves in a courteous business-like manner, showing respect and consideration for fellow employees and other site personnel, such as contractors and guests, with a focus on servant leadership;
- Cooperate with your co-workers in a manner that is positive and constructive; accept that there are different opinions and ideas; discuss issues in a professional manner looking for solutions that can be resolved at your level;
- To communicate work related issues along with recommended solutions to your coworkers and/or supervisor in a timely and professional manner;
- Be accepting of changes to your day to day routing as the business needs dictate;
- To be appropriately dressed and ready for work prior to the start of a working shift through to the end of the shift;
- Comply with all Atlantic Power policies and procedures.

Physical Requirements

- Ability to perform manual tasks including but not limited to operation of hand and power tools;
- Ability to lift at least 80 lbs.;
- Ability to bend and maneuver in tight, cramped quarters;
- Ability to work in hot, noisy and dark environments;
- Ability to work at heights;
- Ability to work with and wear respiratory protection;
- Ability to reach with hands and arms above shoulder level and at shoulder level;
- Ability to walk, stand, stoop, kneel, and bend for prolonged periods of time;
- Ability to grip and manually manipulate, often with repetitive motion, items such as, but not limited to, hand tools and machine parts;
- Ability to communicate clearly with plant personnel, including the ability to give and receive instructions over a radio;
- Ability to see clearly; safely and readily identifying the labels, gauges, dials and indicators typically encountered in performing job duties;
- Ability to read, write and understand instructions and procedures in English;
- Ability to work outside of a normal shift rotation during call-outs or planned maintenance outages.