



Position: Temporary Electrical Technologist / Renewable Energy Technician
Location: Blind River, Ontario
Salary: Negotiable based on qualifications and previous experience.
Includes 2 weeks paid vacation, plus benefits will begin after 3 months.
Duration: **Approximately 15 months, Full Time, temporary (Maternity Coverage).**
This temporary position may lead to full-time permanent work.
Start: **ASAP**

OVERVIEW:

North Shore Power Group Inc. (“NSPG”) is a Municipal Green Energy Developer, headquartered in Blind River, Ontario. NSPG is seeking an organized, energetic individual to manage and maintain its service and support program for existing and future renewable energy projects. This includes supervising, educating and training your crew. Many of the following responsibilities require the coordinated efforts of your team for the successful completion.

RESPONSIBILITIES INCLUDE:

- Safe Operation and Maintenance of Dams,
 - Water Level management in adherence with the MNR’s Water Management Plan, including log and/or gate manipulation, as required.
 - Regular monitoring of operation and performance, both remotely and onsite.
 - Completion of Monthly Reporting and Daily logs
 - Emergency response, including on call coverage, after hours, evenings, weekends and holidays.
 - Preventative Maintenance, completion of and improvement to scheduled O&M duties
 - Coordinate or complete regular testing, recording and inspections.
 - Remotely and/or physically check and record water levels daily, more frequently as flows demand additional attention.
 - Work with PLC program and update program as required with engineers.
 - Identify, evaluate, and direct the technical activities of project specific sub-contractors and consultants.
 - Schedule calls with our clients to discuss, plan and request approval to proceed on identified projects.

- Electrical Technologist Duties (Solar and Hydroelectric)
 - Detect or follow-up on identified system performance issues and determine course of action required to proceed.
 - Schedule and coordinate maintenance, troubleshooting, repair activities and personnel.
 - Troubleshoot and diagnose failed electronic components using a variety of testing devices and procedures.
 - Review regular reporting on the performance of solar project operations before submitting to clients to verify accuracy and to add Electrical Tech notes as required.
 - Size PV wire (AC & DC) to minimize energy losses.
 - Review and interpret drawings and single line diagrams.
 - Coordinate and schedule annual preventative maintenance. (Complete when required also.)
 - Maintain a detailed log of issues and how they were resolved, to track specific problems and to build a knowledge base.

- General Duties
 - Daily Logs, Monthly Reporting
 - Purchasing and Procurement, following corresponding purchasing policies and/or procedures of NSPG and our clients.
 - Track ESA Permit process through to approval, as required.
 - Log electrical work completed by yourself or ensure work delegated to team members or assigned to contractors are entered into the ESA CSS journal.
 - Receive, assess and respond to customer-initiated problem reports. Report complaints to Upper Management for follow-up and suggest or report solutions provided.
 - Maintain inventory of repair parts for multiple service locations and clients.
 - Complete/Create fault reports and submit and manage warranty return requests with manufacturers.
 - Communicate with NSPG Admin to ensure warranty payments are processed.
 - Train and comply with all safety requirements, rules, regulations and building codes.
 - Contribute to Health and Safety policy updates and creation of new procedures as required.
 - Enhance and evolve the process and tools used for the service and support function at NSPG.
 - Lock out / tag out champion.
 - Provide technical input and assist in development of and revision to workplace procedures.
 - Other duties as required/assigned.

ADDITIONAL ACTIVITIES MAY INCLUDE:

- Research improvements to monitoring system to increase reliability, increase incident detection, maximize output, reduce costs and minimize need for site visits.
- Hands-on service, repair and maintenance/installation field work as required.
- Work with engineering team to solve design problems, submit plans and drawings for permits.
- Design systems to minimize shading and other losses and to optimize string sizing and layouts.
- Customer Care.
- Project Coordination/Planning.
- Scheduling.

REQUIREMENTS:

- Minimum of 3 years of field experience in the Electrical or Solar PV industry and knowledge of installation methods and techniques including PV theory, string sizing, optimizing and layouts.
- Electrical, Energy Management or Solar PV design related diploma or degree.
- Knowledge of electrical design theory and concepts.
- Experience successfully running a crew.
- Understanding of procurement process and inventory management.
- Ability to respond to Emergency Calls in a calm and effective manner. (Employee or Client related)
- Valid Driver's License required with clean drivers abstract as substantial driving is required.
- Working at Heights Certification by a Ministry of Labour approved Trainer is an asset.
- Aerial Platform Training to operate our Man lift is considered an asset.
- WHMIS Training an asset.
- Professional, Honest and Reliable.
- Health and Safety Conscious.
- Hands on position, able to work with the team and delegate as required, utilizing the strengths of each team member.
- Understanding of network communications, IP, wireless and cellular technology is an asset.

Applications will be accepted until **September 11th, 2019.**

Please forward your applications (Resume and Cover Letter) to the Attention of Dana Shackelton at North Shore Power Group for consideration via one of the following methods:

MAIL: North Shore Power Group
Box 1929
Blind River, ON P0R 1B0

EMAIL: Accounts@northshorepowergroup.com

IN PERSON: 80 Development Drive
Blind River, ON P0R 1B0

NSPG is an equal opportunity employer committed to an inclusive, barrier-free environment. Accommodation will be provided in all steps of the hiring process. If contacted for an employment opportunity, please advise the General Manager if you require accommodation.