



Quilliq Energy Corporation (QEC) is entrusted to provide safe, reliable power to all customers in Nunavut. Owned by the Government of Nunavut and operated as an arms-length territorial corporation, QEC is the sole provider of electricity and district heating in Nunavut. In comparison to other utilities in Canada, QEC faces unique challenges as it operates 25 stand-alone diesel power generation facilities and distribution systems located in each of the territory's communities.

Based out of Iqaluit, Nunavut and reporting directly to the Manager, Operations and Maintenance this position will design, update, maintain, and repair control systems for all 25 diesel powered generation facilities across the territory and provide technical support to operations and plant staff on matters related to plant control systems.

- Designs and implements new programming for programmable logic controllers.
- Reviews automation process and ensures control systems meet plant specifications.
- Prepares cost analyses to ensure capital projects fall within budgetary requirements.
- Maintains equipment to ensure efficient operation of the system and reduce the costs to repair while ensuring reliable service to customers and safety in the plant.
- Coordinates with Powerline Technicians and provides technical support for capital and recoverable projects.
- Collaborates with the Engineering department to review and troubleshoot ongoing issues with control systems.

- Three year Electrical Technologist Diploma.
- Three years of experience designing, updating, maintaining, troubleshooting, and repairing protection and control systems such as Supervisory Control and Data Acquisition (SCADA), Programmable Logic Controller (PLC), Multilins, etc.
- Experience with power system analysis software such as Engineering Technical Acquisition Project, Remote Terminal Unit, and Human Machine Interface.
- Experience working with control schematics, protective relay settings, single line diagrams, metering, and equipment layouts.

- Experience working in remote locations.



- We thank all applicants for the interest; however, only those selected for further consideration will be contacted.