

## STATIONS TECHNICIAN

Elexicon Energy Inc., services more than 169,000 residential and business customers in parts of Durham Region and beyond. If you are looking for an exciting opportunity in our powerful industry, consider joining our growing team of dedicated and enthusiastic employees.

This position initially reports to the Supervisor, Stations at the **Clarington location** and is responsible for the daily activities as follows:

### DUTIES AND RESPONSIBILITIES

- + Be very familiar with and work in compliance with safe work practices in accordance with IHSA rules and company policies and procedures.
- + Be available to assume duties of the Lead Station Technician, if required, during their absence.
- + Repair, replace, test, inspect, maintain and commission station assets such as, but not limited to the following: substation transformers, switches, fuses, breakers, switchgear, medium voltage (MV) and low voltage (LV) cables, metering equipment and grounding.
- + Use a variety of test equipment associated with each station component being tested such as, but not limited to the following: HV Capacitance & Dissipation Factor Bridge, Turns Ratiometer, Winding Resistance, Insulation Resistance, Contact Resistance, and Ground Resistance.
- + Install new protection and control equipment (P&C) and wiring.
- + Upgrade P&C relays and wiring within the breaker cubicles.
- + Read and interpret electrical AC/DC schematics, AC three line, logic diagrams, single line diagrams and design installation drawings in order to complete projects or tasks.
- + Set up and test installed equipment to completion of projects. Purchase required hardware and wiring as required to complete projects or tasks.
- + Maintain and repair AC and DC service systems for the substations as required. Repair or replace defective items or equipment.
- + Installation of low voltage and high voltage cables and associated terminations.
- + Specify and purchase items as needed while remaining compliant with the company's purchasing policy.
- + Gather oil samples as required.
- + Be familiar with codes and standards (OESC, NETA, etc.), as well remaining compliant with company policies and procedures, including its Construction Verification Program.
- + Prepare station outage documentation in order to isolate station components while remaining compliant with the Utility Work Protection Code (UWPC).
- + Perform duties of Permit Holder as specified in Utility Work Protection Code (UWPC).

- + Investigate, diagnose and report on faults, failures, breakdowns and improper operations of the following:
  - o Substation transformers and associated equipment;
  - o HV & MV Breakers, Switches, Reclosures (Air, SF6 Oil and Vacuum) ;
  - o HV & MV Lightning Arrestors, Insulators, Fuses;
  - o HV & MV Cables;
  - o Any other components within the substation fence.
- + Collect schedule and periodic substation data and maintain detailed substation loading and equipment information records.
- + Ensure substation components and structures, including yard and enclosure are in a secure, safe and clean condition.
- + Supervise and direct on-site work of contractors. Included in this direction is the supervision and inspection of work by outside contractors, ensuring their compliance with applicable codes, standards and Elexicon's Construction Verification Program.
- + Research for data and specs for various pieces of equipment for upcoming jobs. Source parts, and request quotations and prepare purchase requisitions.
- + Available to be part of an on-call rotation for after-hours trouble response.
- + Other duties as required may be considered part of these responsibilities.

## MINIMUM REQUIREMENTS

- + 309A Construction and Maintenance Electrician License is required.
- + Journeyman Substation Electrician Certificate is preferred.
- + College diploma in Electrical Engineering at the Technician or Technologist level eligible for OACETT accreditation is an asset.
- + Able to pass Electrical Theory Qualification Test (minimum 70% score to pass). Candidates must enroll and successfully complete the MEARIE Substation Electrician Apprenticeship Program.
- + Must hold and maintain as a minimum, a valid Ontario Class G Driver's Licence in good standing. Class "AZ" licence is an asset.

## APPLICATION PROCESS

Interested and qualified applicants are encouraged to submit their resume to [hr@elexiconenergy.com](mailto:hr@elexiconenergy.com) by **February 11, 2021**. Please quote position title that you are applying for in the subject line of your email. Applicants, please note that accommodations can be provided upon request. Only the candidates who meet the qualification and experience for the position will be contact for an interview. We thank you for your interest in Elexicon Energy Inc.