

SYSTEM OPERATOR

Elexicon Energy is the fourth-largest municipally owned electricity distributor in Ontario. Our mission is to provide our customers with reliable, affordable energy services and to continuously improve to meet their needs, while ensuring the needs of our shareholders are met through sustainable growth.

As the System Operator, the successful candidate will join Elexicon Energy's System Control Centre Team and will play a key role in our day-to-day operations, projects and initiatives that will support our vision of empowering the communities we serve and help customers seize opportunities to ignite a better future. This is an exciting time to join this growing team as we develop the strategies and plans to support a new brand and vision for customer centricity and operational excellence!

The successful candidate will display a track record that mirrors Elexicon Energy's values of safety, kinship, responsiveness, competence, and mindfulness; and will espouse our motto of "response-ability" in their approach to work:

This position initially reports to the Supervisor, System Control Centre at the Ajax location and is responsible for activities as follows:

DUTIES AND RESPONSIBILITIES

- + The full control of Elexicon's entire distribution and sub-transmission electrical grid of all voltages in planned and emergency conditions.
- + Authorizing the safe operation of all electrical grid devices and equipment and controlling access to all electrical plant and substations.
- + Coordinating all power interruptions and emergencies by dispatching and directing staff to safely and effectively take corrective measures for isolation, emergency repairs and restoration purposes.
- + Continually monitoring all distribution and sub-transmission parameters and directing the appropriate and corrective actions based on loading and/or voltage concerns.
- + Preparing and issuing work protection to all authorized Elexicon employees and all authorized Elexicon contractors working on the distribution and sub-transmission electrical grid in accordance with IHSA and the Utility Work Protection Code and the company's policies and procedures.
- + Utilizing SCADA systems to monitor and safely operate Elexicon's distribution and sub-transmission system.
- + Ensuring detailed, proper operating records, schematics, system device loading records, and outage records are completed, checked and issued as required.
- + Scheduling, coordinating and approving the following:

- Overhead and underground distribution system switching,
- Municipal substation operations,
- Municipal transformer station (MTS) operations,
- Sub-transmission system operations.
- + Utilizing and controlling of intelligent self-healing network devices to assist in the safe and effective restoration of power to the distribution and sub-transmission network.
- + Reviewing system loading, equipment loading and voltage drop at various supply points and recommending corrective measures as required.
- + Monitoring and controlling of intelligent capacitor banks to assist with Elexicon's conservation and demand management initiatives.
- + Coordinating and directing distribution and sub-transmission switching with the Hydro One Ontario Grid Control Centre to confirm appropriate load balancing and load transfers are in place to ensure the grid is functioning as safe and as cost effectively as possible.
- + Assisting in the training of Apprentice System Operators in the work of the System Control Centre including safe work methods and practices, and good housekeeping.
- + Interact with customers, and other parties, in a polite and courteous manner.
- + The System Control Centre is staffed 24 hours a day, and System Operators are required to work on a shift rotation based on a 40-hour work week.
- + Other duties as required may be considered part of these responsibilities.

EDUCATION, SKILLS, AND EXPERIENCE

Education and Experience:

- + Graduate from an accredited institute in an Electrical/Electronics Technology or Technician program, eligible for certification by OACETT is preferred.
- + Successful completion of the MEARIE Operator-In-Training Program and a Certified EDA System Operator.

Key Skills and Experience:

- + Thorough knowledge of IHSA Utility Work Protection Code.
- + Extensive PC experience and knowledge of SCADA, GIS and OMS packages is highly desirable.
- + Proficient in Microsoft Office applications (Microsoft Word, Microsoft Excel, Microsoft Outlook, etc.).
- + Excellent organizational, communication and verbal skills with a strong commitment to customer service
- + Ability to exercise independent judgment and perform all assigned duties with minimal supervision.

Interested and qualified applicants are encouraged to submit their resume to:
hr@elexionenergy.com by **October 5th, 2021**. Please quote position title that you are applying for in the **subject line of your email**.

Please note that accommodations can be provided upon request. Only the candidates who meet the qualifications and experience for the position will be contacted for an interview. We thank you for your interest in Elexicon Energy.