



## CAREER OPPORTUNITY

### **DISTRIBUTION DESIGN TECHNOLOGISTS (2)**

#### **WAGE RATE (Per Collective Agreement – Essex Powerlines/IBEW Local 636)**

Essex Powerlines provides safe, reliable, and economical electrical distribution and service to over 30,000 customers within the four municipalities Amherstburg, LaSalle, Leamington and Tecumseh. The foundation to empower our vision is based on a **dynamic and progressive workforce** that are **industry leaders in providing 'best of class' business solutions** in the delivery of service to our customers.

**We are presently inviting applications for two Full Time positions of Distribution Design Technologists**

Your knowledge of high-voltage and low-voltage systems and the ability to develop solutions that will improve efficiency and effectiveness will drive your success as a Distribution Design technologist within Essex Powerlines Engineering Department.

Working under the direction of the Engineering Manager, or designate, you will demonstrate leadership behavior on a consistent, day-to-day basis as you plan and design the electrical facilities and distribution system. This is an exciting opportunity to use the latest technology to innovate and develop better methods of distributing power, while maintaining existing systems and solving operational problems.

#### **Duties and Responsibilities:**

- Prepare job plan including establishing job estimates and job layout
- Reporting to the Engineering Manager and collaborating with the Distribution & Asset Engineering and the Operations Department for the development of plans, projects, and work schedules, as well as the determination of project priorities for construction and maintenance projects
- Liaise with customers, consultants, towns & municipalities, contractors, field staff, and other internal departments to ensure timely provision of electrical power to the project. Resolve issues regarding design and construction, scheduling, costing and project coordination
- Ensure adherence to Essex Powerlines Conditions of Service, the Distribution System Code & Regulations, OHSA and E&USA Rules as they relate to engineering design and construction of projects
- Construction site inspection to ensure work is done in accordance with our Construction Verification Program per O. Reg. 22/04; gather and maintain field and office records for permanent records
- Provide updates for drawings/data for all distribution systems, construction & maintenance projects
- Assess completed work for actual time, material, and labour components
- Read and interpret electronic drawings
- Design and prepare cost estimates, contracts, and work order packages for various electricity distribution system projects including overhead, underground (for new, rebuild, and subdivisions), new and upgraded service design (residential, commercial, industrial), and obtain all necessary approvals required for construction in accordance with approved standards
- Assess and approve material and components to be used in construction per Regulation 22/04
- Assist in the preparation of work order packages using applicable software
- Prepare/approve proposed construction drawings or as-built drawings (including joint use)
- Attend meetings with management as required to provide information pertaining to workload, work procedures and forecasting
- Assist with the development of budgets, long term, and short-term system planning as required
- Assist in training in new personnel.
- Other related duties as assigned



#### Qualifications:

- Successful completion of a 3-year Electrical Engineering Technology Program from a recognized Community College
- Possess OACETT CET Certification or obtain same within a twenty-four (24) month time frame in order to sign drawings as per regulation 22/04
- Minimum three years related experience working directly with electrical and distribution infrastructure and assets
- Can demonstrate proficiency in the use of spreadsheet and word processing
- Knowledge of general accounting, is a plus
- Knowledge of MS Office, Geographical Information Systems (GIS) including Survalent, SCADA, AutoCAD, and SpidaCalc pole engineering software a plus
- Knowledge of Asset Management/Facility Management (AM/FM) systems
- Knowledge of tender and approval processes
- Thorough knowledge of 4.16 kV and 27.6 kV distribution systems and all associated distribution system equipment
- Knowledge of utility related construction practices, standards, and associated materials
- Working knowledge of safety rules and regulations, construction practices and testing procedures
- Knowledge of Reg. 22/04
- Must possess a valid "G" driver's license in the Province of Ontario
- Provides professional customer service in a timely and effective manner and always treats customers with respect
- Must be a highly motivated team player with strong interpersonal and excellent verbal and written communication skills and the ability to present ideas in business-friendly and user-friendly language.

**NOTE:** Please note that applicants who receive any conditional offer of employment from Essex Powerlines will be required to provide proof that they are fully vaccinated with a COVID-19 vaccine approved by Health Canada as a condition of employment and to maintain their status as fully vaccinated as a condition of continued employment. Essex Powerlines will consider individual requests for accommodation by applicants who cannot be fully vaccinated due to grounds protected under the *Human rights Code*.

All the above is subject to validation and/or testing.

Essex Powerlines Corp. offers a competitive compensation and benefits package and pension plan in accordance with the Collective Agreement (I.B.E.W. Local 636 and Essex Powerlines Corp)

To find out more about Essex Powerlines, visit our website at [www.essexpowerlines.ca](http://www.essexpowerlines.ca)

Interested applicants are invited to submit in confidence a cover letter and a detailed resume as a single document (**saving file as your last name and first name with no spaces**) by July 8, 2022, to

[recruitment@essexpower.ca](mailto:recruitment@essexpower.ca)

*\*Please note Distribution Design Technologist in subject line\**

Essex Powerlines is an Equal Opportunity Employer. Appropriate accommodations will be provided upon request throughout the hiring process as required by the Accessibility for Ontarians with Disabilities Act (AODA)

We thank all applicants for their interest; however, only those candidates selected for an interview will be contacted.