



HUMAN RESOURCES DEPARTMENT

City of Burlington
179 South Winooski Avenue, Burlington, VT 05401

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SENIOR DISTRIBUTION ENGINEER BURLINGTON ELECTRIC DEPARTMENT

POSTING DATE: September 8, 2011

DEADLINE TO APPLY: Open until filled

RATE OF PAY: \$74,611/yr - \$122,575/yr doe

CLASSIFICATION GRADE: MF3

Union: Non-union

EXEMPT/NON-EXEMPT: EXEMPT

POSITION STATUS: REGULAR FT

This position is responsible for the design and engineering of distribution system upgrades, improvements and expansions to ensure the efficiency, cost-effectiveness and reliability of the distribution system.

ESSENTIAL FUNCTIONS:

- Designs overhead and underground capital distribution system construction, line relocation and line extension projects. Prepare engineering designs, detailed drawings, and cost estimates.
- Works with the Distribution and Customer Service Areas to coordinate new line extensions, line relocations, etc.
- Act as project manager for BED's electrical work on federal and state highway projects. Responsible for coordinating all aspects of the project with other utilities, other city departments, the Vermont Agency of Transportation, the general contractor and consulting engineers.
- Provides support and technical direction to field personnel and others.
- Develops request for proposals and agreements for contractors. Evaluates proposals and makes appropriate recommendations.
- Determines equipment specifications for distribution transformers, switchgear, cable and other construction materials.
- Coordinates BED and Verizon joint ownership contract administration, and other third party licensee agreements.
- Responds to requests for electric service fault current information.
- Works with the Line Extension Department and the Department's legal staff, to identify needs for easements, rights-of-way and permits.
- Responsible for maintaining an up-to-date mapbook of the distribution system. Ensure all requested CAD changes to the distribution system drawings are implemented.
- Performs fuse coordination studies to ensure proper operation of system protection devices..
- Develops and maintains BED's Construction Standards.
- Participates in the development of BED's policies regarding co-generation, system interconnections, voltage flicker, power quality, CAD standards and other areas requiring his/her expertise.
- Provides expert testimony for rate case and ACT248 filings.
- Performs other duties as required.

MINIMUM QUALIFICATIONS:

- Bachelor of Science degree in Electrical Engineering, with a minimum of ten (10) years experience in Electrical Utility Engineering required.
- Professional certification as a professional engineer (PE) by the State of Vermont.
- Knowledge of National Electric Code (NEC) and National Electrical Safety Code (NESC) is required.
- Demonstrated communication skills required.
- Ability to work well with customers is essential.
- Ability to keep abreast of current technologies and procedures.
- Professional behavior that reflects excellent customer service and encourages working partnerships with internal (e.g. employee) and external (e.g. ratepayer) customers is required.
- Ability to obtain and maintain a valid Vermont driver's license required.
- Ability to attend evening meetings, as well as, travel to conferences, workshops or other professional meetings required.
- Ability to wear personal protective equipment such as gloves, safety glasses, hard hat, fire retardant overalls, etc. is required when working outside.
- Ability to frequently work outside where there is exposure to heat/cold or moisture, hazardous materials, energized wires/equipment, and traffic.
- Ability to work long hours to accommodate workload or emergencies.
- Provides after hours support to field personnel during critical outages.

The City of Burlington does not discriminate on the basis of race, color, national origin, sex, sexual orientation, religion, age or disability in employment or the provision of services. Submit CITY OF BURLINGTON APPLICATION, resume and cover letter to: Human Resources Department, 179 South Winooski Avenue, Burlington, VT 05401. Available in alternative formats for persons with disabilities. For disability access information, or to request an application, contact Human Resources at (802) 865-7145 or 865-7142 (TTY) or visit us at www.hrjobs.ci.burlington.vt.us

**WOMEN, MINORITIES, AND PERSONS WITH DISABILITIES ARE HIGHLY ENCOURAGED TO APPLY.
EOE.**