



TOWN OF WALLINGFORD

Open Competitive Examination

Human Resources Department
Wallingford Town Hall
Room 301
45 South Main Street
Wallingford, Connecticut 06492
Telephone: (203) 294-2080
Fax: (203) 294-2084

DISTRIBUTION ENGINEER

\$84,586 - \$108,221 (If hired after 8/30/2002)

\$89,039 - \$108,221 (If hired before 8/30/2002)

(Annually)

General Statement of Duties: This is very responsible technical work involving the design and development of overhead and underground power distribution lines. Work involves responsibility for improving operations and reducing costs associated with the distribution of electrical power. Duties include evaluating the conditions and requirements of the physical distribution plant of the Electric Division, recommending any action required, preparing drawings, estimating costs, inspecting and supervising installations and furnishing technical assistance to customers in the utilization of electricity. This position also has the responsibility for making difficult technical engineering decisions related to power distribution. The work requires that the employee have considerable knowledge, skill and ability in the principles and practices of electrical engineering and electrical distribution engineering.

Supervision Received: Works under the direction of the Assistant General Manager – Electric.

Examples of Duties: Reviews areas of growth within service area and makes recommendations for the provision of service. Writes work orders and material lists, checks inventory and responds to questions by field crews on overhead pole line extensions, rebuilds and overbuilds. Oversees underground distribution installations. Prepares engineering, construction drawings and one-line diagrams. Inspects job sites prior to installations and oversees inspector assigned to inspect new installations. Reviews specifications for underground materials and installation details. Makes recommendations for upgrades, requisitions and reviews bids for underground materials. Keeps track of inventory of underground materials. Prepares underground service agreements for review by PUC and reviews underground easements. Reviews service interruptions and makes recommendations. Schedules electrical outages with customers in order to upgrade utility service in their area. Performs distribution system studies relating to electrical system loading, voltage regulation, power factor, system protection and coordination of protective devices. Meets with developers, corporate and residential customers, and contractors regarding service. Meets with representatives of Cable TV and the telephone company and other utility representatives to discuss joint usage and coordination of pole lines and underground facilities. Makes budget recommendations regarding yearly power usage and for materials and equipment. Performs related work as required.

Required Knowledge, Skills, and Abilities: Considerable knowledge of the principles and practices of electrical engineering and electrical distribution engineering. Considerable ability to assign and supervise installation of electrical distribution system facilities. Considerable ability to analyze technical data and prepare reports. Considerable ability in oral and written communications. Considerable ability to establish and maintain effective working relationships with coworkers, contractors, other utilities and customers of the Electric Division.

(continue)

Required Experience and Training: A bachelor's degree from a recognized college or university in electrical engineering plus two years of progressively responsible experience in utility engineering or an equivalent combination of education and qualifying experience substituting on a year-for-year basis.

Fringe Benefits: Excellent Health Insurance Packages, Group Life Insurance, Pension Plan, Paid Holidays, Paid Vacations, Paid Sick Leave.

Application Forms: May be obtained at the Human Resources Department, Town of Wallingford, 45 South Main Street, Wallingford, CT 06492. Forms will be mailed upon request from the Human Resources Department or may be downloaded from the Department of Human Resources Web Page.

Examination: Written – 100% **or** Oral – 100% **or** Background Evaluation – 100% **or** Written-50%/Oral – 50% **or** Written 50%/Background Evaluation – 50% **or** Oral – 50%/Background Evaluation – 50%

Closing Date: The closing date will be April 11, 2023.

THE TOWN OF WALLINGFORD IS AN EQUAL OPPORTUNITY EMPLOYER