



## Apprentice Line Worker Electric

This position starts at \$13.80/hr. and progresses through seven (7) steps to become qualified to fill the position of a Journeyman Line Worker. Once eligible to become a Journeyman Line Worker, this person will go into the pool of qualified candidates and be promoted based on time in the pool.

### JOB SUMMARY

This position completes training while assisting in the installation, repair and maintenance of the city's electric utility system.

### MAJOR DUTIES

- Drives and operates a bucket and digger derrick truck; operates and maintains a variety of digging equipment; provides the Journey Lineman with materials; ensures truck is properly stocked; prepares sites for primary and secondary work; does necessary groundwork for the setting poles.
- Assists the lineman in the construction, maintenance and repair of overhead electrical distribution lines; pulls new conductors, bonds wires, and installs transformers, circuit breakers, voltage regulators, re-closers, capacitors, fault indicators, service drops, lightning arrestors, switches and metering equipment.
- Assists the lineman in the construction, maintenance and repair of underground electrical distribution lines; assists in excavations and in installing underground conductors and conduits, transformers, switchgears, switching cabinets, concrete vaults and fault indicators; terminates underground conductors; utilizes equipment to locate underground faults and utilities.
- Reads electrical schematics of systems and diagrams, maps and blueprints.
- Installs and maintains street lights, security lights, traffic lights and recreational lights.
- Performs troubleshooting duties; locates faults, bad grounds, and other sources of power failure; makes repairs.
- Flags traffic at work sites.
- Responds to after-hours emergencies.
- Performs related duties.

### KNOWLEDGE REQUIRED BY THE POSITION

- Knowledge of the construction and maintenance of overhead and underground electric utilities.
- Knowledge of the installation of electrical conduit cables, wires, switches, pole line equipment, and substation equipment.
- Knowledge of safety precautions involved in working on and in proximity to energized lines.
- Knowledge of electric code requirements.
- Skill in the operation of specialized vehicles, tools and equipment.
- Skill in performing electric system maintenance and repair activities, including climbing poles and working at heights.
- Skill in participating outage restoration activities.
- Skill in oral and written communication.

### SUPERVISORY CONTROLS

The Electric Superintendent or Line Crew Supervisor assigns work in terms of general instructions. The supervisor spot-checks completed work for compliance with procedures, accuracy, and the nature and propriety of the final results.

## **GUIDELINES**

Guidelines include the American Public Power Association safety manual, the ITS Red Book, the ECG specification book, the National Electric Code, locate tickets, state and local laws, and the hazardous materials handbook. These guidelines are generally clear and specific, but may require some interpretation in application.

## **COMPLEXITY/SCOPE OF WORK**

- The work consists of related training and electric system construction, repair and maintenance duties. Inclement weather contributes to the complexity of the position.
- The purpose of this position is to complete required training and to assist in the construction, repair and maintenance of the electric utility. Success in this position contributes to the efficiency and effectiveness of system operations.

## **CONTACTS**

- Contacts are typically with co-workers, other city employees, contractors, representatives of other public utilities, and members of the general public.
- Contacts are typically to provide services, to give or exchange information, or to resolve problems.

## **PHYSICAL DEMANDS/ WORK ENVIRONMENT**

- The work is typically performed while intermittently sitting, standing, walking, bending, crouching or stooping. The employee occasionally lifts light and heavy objects, uses tools or equipment requiring a high degree of dexterity, distinguishes between shades of color, and utilizes the sense of smell.
- The work is typically performed in an office and outdoors, occasionally in cold or inclement weather. The employee may be exposed to noise, dust, dirt, grease, and machinery with moving parts. Some of the work is performed on utility poles, in elevated buckets, and in the presence of electrified lines. Work requires the use of protective devices such as masks, goggles, gloves, etc.

## **SUPERVISORY AND MANAGEMENT RESPONSIBILITY**

None.

## **MINIMUM QUALIFICATIONS**

- High School diploma or GED.
- Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with having had a similar position for one to two years or having the aptitude for this line of work.
- Possession of or ability to readily obtain a valid driver's license issued by the State of Georgia for the type of vehicle or equipment operated.

**EQUAL OPPORTUNITY EMPLOYER**