



Journeyman Lineman

Electric

JOB SUMMARY

Installs, operates, and maintains equipment and facilities associated with transmission, distribution, and services of the electric utility system.

MAJOR DUTIES

- Constructs, repairs and maintains electrical distribution lines.
- Installs poles, anchors, guys, wood arms, fiberglass arms and insulators.
- Strings conductors, taps wires, and installs transformers, circuit breakers, voltage regulators, re-closers, capacitors, fault indicators, service drops and metering equipment.
- Troubleshoots problems; locates short circuits, grounds and other sources of power failure; makes repairs.
- Drives and operates a bucket and digger derrick truck to install transformers, poles, and guy rods.
- Operates trenchers, jack hammers, air compressors, hand tools, grounding cables, climbing gear, blocks, ropes, metering devices, capacitors, breakers and re-closers.
- Reads and interprets electrical schematics of systems and diagrams, maps and blueprints.
- Responds to after-hours emergencies.
- Works on energized electrical power lines in a variety of weather conditions.
- Works at heights greater than ten feet to install equipment or connectors; climbs poles and ladders.
- Excavates and installs underground conductors and conduits, transformers, switchgears, switching cabinets, concrete vaults and fault indicators; terminates underground conductors; utilizes equipment to locate underground faults and utilities.
- Installs and maintains street lights, security lights, traffic lights and recreational lights.
- Assists in constructing and wiring electrical high-voltage substations.
- Trims trees around energized electrical power lines.
- 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 in outage restoration activities.
- Skill in oral and written communication.

SUPERVISORY CONTROLS

The Electric Superintendent or Line Crew Supervisor assigns work in terms of very general instructions. The supervisor spot-checks completed work for compliance with procedures 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 require judgment, selection and interpretation in application.

COMPLEXITY/SCOPE OF WORK

- The work consists of varied electric system construction, repair and maintenance duties. Inclement weather contributes to the complexity of the position.
- The purpose of this position is to participate 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, vendors, 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

This position has functional supervision over assigned personnel.

MINIMUM QUALIFICATIONS

- High School diploma or GED.
- Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated having completed apprentice lineworker training or fully trained as a Lineworker.
- 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.

THE CITY OF GRIFFIN IS AN EQUAL OPPORTUNITY EMPLOYER