



FULL-TIME BENEFITED POSITION

Position: **Apprentice Lineman**
Salary: **\$17.25 - \$24.41 (DOE) (Scale 35 – 49)**
Schedule: **7:00a.m. – 4:30p.m. Mon – Thur and 7:00 a.m. – 11:00 Fri**
Closing Date:

GENERAL PURPOSE

Under the general supervision of the Journey Lineman or Line Superintendent, this employee performs a variety of first-year apprentice level, technical duties related to performing and effecting power system installation, distribution, transmission and maintenance.

ESSENTIAL FUNCTIONS

Conducts general technical analysis of line functions and operations as needed to anticipate and prevent line problems; ensures a safe working environment for himself and others, makes recommendations for line specifications on new construction and circuit enhancements; prepares routine reports of activities; uses various equipment, tools and vehicles in maintaining an electrical distribution system to assure against loss of service.

Performs construction, installation, maintenance and repair of substations, and circuits for overhead and underground power lines; digs trenches and lays pipe for underground lines; assists in building new substations and maintains existing substations.

Performs per step level authorization. the connecting, installing, maintaining and repairing of energized overhead and underground power distribution and transmission lines; operates line trucks, line working apparatus and heavy equipment; digs pole holes and trenches, sets and frames poles; climbs poles. descends into vaults or trenches; strings lines; splices and sags wire on live or dead circuits; connects or disconnects transformers, cutouts, meters and guide wires, changes insulators on high voltage lines and taps into transmission lines; makes URD splicing and terminations; locates damaged lines and poles; trouble shoots power distribution equipment to determine problems; splices cables; repairs, sets and terminates transformers; conducts voltage and amperage checks and system tests; replaces fixtures in crossarms; hangs insulators; replaces and repairs fuses, grounds, etc.

Responds to emergency calls. resolves power problems and restores power outages; makes connections and disconnections for customers; informs public of pending outages due to repair; repairs street lights, trims trees and removes other line obstructions; explains problems to public; requests cooperation during repair, uses various technical tools including crimpers, hot sticks, cutters, body belts, bucket truck, wire pullers, etc.

Assists to maintain inventory of instruments, meters, transformers and related equipment, materials and supplies.

Performs a variety of maintenance testing, calibration and repair on electrical instruments including single phase, watt hour and demand meters, recording volt and amp meters,

transformers. etc., used in electrical utility programs for testing equipment; tests and maintains equipment; determines cause of meter malfunction.

Tests personal protective equipment used in high voltage work, including rubber gloves. etc.; performs complex electrical maintenance projects on department buildings and facilities; runs power lines, installs breakers, installs main power boxes; installs and maintains plugs and related connections.

Performs miscellaneous duties affecting the overall delivery and quality of power services; including, line locations for underground system; pulls wire; completes termination's and performs shut-off's, utilizes rubber gloving methods: prepares rigging for poles; assists with electrical and GFI inspections; performs substation readings; performs permanent power and temporary power connections; responds to power outages.

Performs other like or lesser duties as required.

POSITION QUALIFICATIONS

1. Education and Experience:

- A. Graduation from high school; plus two (2) years of specialized lineman training provided through vocational college or professionally sponsored lineman certificate programs.

2. Knowledge, Skills, and Abilities:

Some knowledge of practices and procedures essential to maintain a work environment safe for Worker and the public; general electrical engineering principles and practices; legal environment associated with power utility projects, construction and maintenance; modern methods, principles and practices of power transmission and distribution; operation of meters, gauges and instruments associated with electricity and electric power generation and distribution; metering equipment maintenance; equipment and materials used in construction and maintenance operations; current codes, standards, safety practices and principles involved in power utility operations. Apprentice Skill in the use of various heavy equipment, hand and power tools crimpers, hot sticks, cutters, body belts, bucket truck, line truck, wire pullers, etc.

Ability to keep operating records and prepare reports; establish and maintain effective working relationships with employees, other agencies and the public.

3. Special Qualifications:

Must be able to enroll in a progressing continued training program necessary to become a certified journeyman power lineman (IBEW or IPSA). Must become a certified journeyman power lineman within four years from hire. Must possess a valid Utah Drivers Commercial Drivers license (CDL). Must maintain annual continuing education requirements related to licenses and certifications. Must be CPR certified. Must be willing to accept on-call assignments.

4. Work Environment

Incumbents of the position perform normally in an outdoor, physical environment. Tasks require variety of physical activities involving muscular strain, related to walking, standing, stooping, sitting, reaching and lifting. Essential functions require talking, hearing and seeing. Common and complex eye, hand, finger dexterity exist. Mental application utilizes memory for details, verbal instructions. Emotional stability, discriminating thinking and creative problem solving. Daily travel required in normal course of job performance. Regular exposure to changing weather conditions and hazards common to high voltage power system.