



Line Crew Internship overview

The Internship's function is to learn and mentor from experienced line technicians in the field for a period of time starting approximately January 20th 2020 through May 20th 2020 (approximate dates only, internship will be scheduled based on school calendar dates).

EXAMPLES OF WORK PERFORMED

ESSENTIAL FUNCTIONS: *The following examples of work are illustrative only and are not intended to be all-inclusive.*

- Assists in the construction, inspection, installation, maintenance, repair and operation of all facets pertaining to the city's electrical transmission and distribution system.
- Assists in digging trenches and holes, setting poles, installing pole cross arms and fixtures.
- Assists in performing various ground level line maintenance activities, under supervision, including routing electrical lines and wires, line patrolling, insulator/arrestor replacement, hardware tightening, resetting oil circuit reclosures, fuse replacement, tree cutting/trimming, and basic troubleshooting techniques.
- Assists in changing circuits and transferring services.
- Assists in performing various installation activities including the installation of meters and related measurement devices, house and commercial service drops, circuit regulators and controlling devices, capacitors, voltage regulators, instrument transformers and other line equipment.
- Assists in ensuring that inspections are completed on circuit breakers and transformers, including checking bushings and connections, prior to installation.
- Assists in performing repair and replacement of street lights.
- Maintains work area in a clean and orderly condition, including snow removal.
- Loads, unloads, and hauls materials and equipment to and from job sites.
- Responsible for maintaining a safe work environment in the performance of duties.
- Ensures the proper maintenance of tools and equipment by cleaning and checking tools and equipment after use.
- Performs preventive maintenance on assigned vehicles and equipment; refers defects or needed repairs to supervisor.
- Establishes and maintains positive public relations with the general public, other employees, other governmental agencies, power companies and municipal officials.
- Performs duties as required.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.



Environment Work is generally performed outdoors and requires a considerable amount of physical activity including walking, standing, kneeling, bending, crouching, reaching, stooping and climbing. The incumbent must have the ability to transport themselves to and from various locations throughout the electric transmission and distribution system. Duties require the ability to tolerate an indoor and work environment which includes contact with dirt, dust, chemicals, cleaning solvents, bacteria, noise and inclement weather conditions.

Physical An incumbent must have the ability to lift up to 50 lbs. on a regular basis and must possess the coordination and manual dexterity necessary to climb poles, operate hand and power tools and equipment utilized in the upkeep, repair and maintenance tasks. Must also possess the ability to lift, carry, push and pull heavy equipment and tools. Work hours may occasionally be required in times of darkness. Vision abilities required include close vision, distance vision, color vision, depth perception, and the ability to adjust focus. The employee occasionally works near moving mechanical parts, in precarious places and is occasionally exposed to fumes or airborne particles, toxic chemicals, risk of electrical shock, and vibration. The noise level may be moderate to intense depending on activity performed.