

**POWERLINE TECHNICIAN CAREER DEVELOPMENT PATH (LCDP)
Powerline Technician I Soft Skills and Field Requirements**

Hire Date	Employee ID	Employee Name

Powerline Technician I – Soft Skills and Field Requirements

Career Path Statement of Duties

In order for a Powerline Technician I employee to become eligible for promotion to a Powerline Technician II, the employee must show consistent conformity with the outlined job description and satisfactorily complete the training, certification and task requirements of a Powerline Technician I within twenty-four months of employee hire date.

Energy Services Essential Statement of Safety

The City of Kings Mountain Energy Services Department requires that all employees perform their duties in a manner that puts “SAFETY FIRST”. The safety and wellbeing of our employees and the general public will always be first priority. As an Electric Employee this person must follow, first and foremost, the General Safety rules of the City, the Energy Services Safety rules, the Electric Division specific safety rules and PPE requirements, as well as the Occupational Safety and Health Administration safety rules and requirements as it pertains to their daily duties and activities on the job. It is also encouraged that each employee put safety first while performing personal activities while off the job.

Date	Safety	Employee Signature indicates full understanding	Supervisor
	Essential Statement		

Powerline Technician I – Job Description

General Statement of Duties

An employee in this position performs responsible semi-skilled and skilled work in assisting with the installation, replacement, repair and maintenance of electric distribution lines and appurtenances.

Distinguishing Features of the Class

An employee in this class performs a variety of work assisting with servicing the electric distribution system needs and responding to customer requests. Work involves direct customer service, underground and overhead electric distribution lines, and service and meter installations, tree trimming and other line clearance work. Work also includes considerable assistance with the construction and maintenance work in installing and repairing electric distribution and service lines, meters, excavating to proper depth and related tasks. Employees are subject to working long hours in both inside and outside environments, in extreme hot and cold weather, and exposure to various hazards such as loud noises, vibration, moving mechanical parts, electrical current, chemicals, fumes, odors, dusts, mists, gases, poor ventilation, and oils. Employees are also subject to call-back work. Work is performed under the supervision of the Electric Supervisor and other skilled employees and is evaluated through observation and review of records for adherence to standard trade and safety practices, as well as customer satisfaction. Participates as part of a crew to construct, repair and maintain electric distribution and service lines.

Additional Job Duties

This employee performs any other tasks essential to the Electric Division and /or City needs, deemed necessary by supervision, in a professional manner.

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Knowledge's, Skills, and Abilities

This employee shows knowledge of the tools, materials and equipment used in the installation, replacement, maintenance and repair of electric distribution utility lines. Knowledge of the hazards associated with working around heavy equipment, in trenches, electrical overhead and underground lines and other associated work hazards and the associated safety precautions. As well as, knowledge of a variety of maintenance and manual methods and tasks involved in assisting with the installation, maintenance, repair, location, and replacement of electric utility lines. This employee has the ability to establish and maintain effective working relationships with supervisors, co-workers and the public. This employee must be able to recognize abnormal operating conditions and mitigate the related hazards, along with the ability to read utility maps and operation and service manuals and to understand and follow oral and written instructions. This employee should have remedial computer skills.

Physical Requirements

This employee must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, feeling, talking, hearing, and repetitive motions. As well as possess the visual acuity to inspect fusions joints, read utility maps and diagrams, read measurement devices, and prepare records and calculations.

This employee must also be able to perform medium work exerting up to 100 pounds of force occasionally; and/or up to 50 pounds of force frequently; and/or up to 20 pounds of force constantly to move objects.

Employee is subject to random drug testing and must meet the manufacturer's weight requirements for climbing gear and bucket truck operations.

Desirable Education and Experience

An employee in this class should be a high school graduate and be familiar with work performed in related construction or maintenance fields, including some familiarity in heavy equipment operation; or an equivalent combination of education and experience. Possession of a valid Commercial Class A license is required, as well as completion of the Powerline Apprentice training and certification requirements or verified equivalent.

Date	Soft Skills	Description	Supervisor
	Job Description	Ability to perform and adherence to Job Description	

Powerline Technician I–Training and Certification Requirements

In order for a Powerline Technician I employee to become eligible for promotion to a Powerline Technician II, the employee must show satisfactory completion or verifiable documentation of the below training and certification, and task requirements within twenty-four months of employee hire date.

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The blocks listed below show completion and passing of the following Training and Certification Courses, and Task Requirements.

Date	Course/Training	Description	Supervisor
	Apprentice Training	M105,M110,M120 and M140	
	M100	Safe Bucket Truck Operations	
	M115	Hydraulic Derricks	
	M125	Alternating Current Fundamentals	
	M130	Care and Testing of Tools and Equipment	
	M135	Safety in Meter Work	
	M145	Safety in Transmission and Distribution Maintenance	
	M150	Introduction to Transmission and Distribution Systems	
	M155	Using Line Test Equipment 1	
	M160	Service Installation Part 1	
	M165	Underground Residential Systems 1	
	M170	Rigging 1	
	Level I Certificate	Powerline Technician Level I LCDP Certification	
Date	Safety Training	Description	Supervisor
	General Safety	Electric Division General Safety Precautions and PPE	
	Trench Safety	Electric Division Trench Safety Precautions	
	Operations Safety	APPA Safety Manual	
	Pipes plus	NC811 Pipes Plus	
	Lineman Safety	Pole Top Rescue	
	Lineman Safety	Hurt Man	
Date	Certification	Description	Supervisor
	Trenching	Trenching/Competent Person Course Refresher	
	Work Zone/Flagger	Work Zone/Flagger Course Refresher	
	Excavator	Excavator Operations Refresher	
	Backhoe	Backhoe Operations Refresher	
Date	Schools	Description	Supervisor
	ElectriCities	Has attended the two ElectriCities Schools Below:	
Date	General	Description	Supervisor
	System	Identify Location of each Substation	
	System	Identify each circuit and substation origination	
	System Data	General understanding and use of Electric Mapping System	
Date	TASK REQUIREMENTS		Supervisor
	Identify equipment, line material, and the proper/safe use of tools and equipment I.D. height/class of poles, assist in loading/unloading poles. Hand and machine dig holes, backfill, identify install and remove various anchors/guy wires and attachments. Install pole grounds and ground rods accordingly.		
	Demonstrate proper use of company radio/telephone under normal conditions, perform operational checks on line truck and related equipment, and operate bucket truck up/down using ground controls.		
	Climb wooden poles, physically examine and air test personal rubber gloves, rig block & tackle to install transformer by hand. Identify rope, tie knots and demonstrate use.		
	Direct traffic using proper signals/signs, PPE. Install work zone traffic control.		

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	First Aid/CPR (demonstrate skills) and proper use of radio/telephone in emergency conditions.	
	Assist troubleshooting, installing and removing overhead and pad mounted transformers, bushings, switches, wire used for make-up and connectors. Demonstrate safe work practice. (de-energized)	
	Assist in street/area light installation and removal.	
	Assist in URD construction & maintenance. Demonstrate safe work practice.	
	Assist in pole framing and setting loading and unloading poles, stringing and installing wire/cable. Demonstrate safe work practices.	
	Demonstrate and use Volt-Ohm and phase meter and identify and read watt-hour and demand meters.	
	Related work as required.	

The above listed employee has successfully completed the Powerline Technician I Soft Skills and Field Training Requirements within the first twenty-four months of employment. This employee is now qualified for consideration for promotion to Powerline Technician II:

Date	Title	Signature
	Electric Supervisor	
	Electric Superintendent	
	Energy Services Director	

The above listed employee has not successfully completed the Powerline Technician Apprentice Soft Skills and Field Training Requirements within the first twenty-four months of employment. This employee must satisfactorily complete the requirements within the next six months to be eligible for promotion to Powerline Technician II or employee will no longer be eligible for a position in the Energy Services Electric Division.

Date	Title	Signature
	Electric Supervisor	
	Electric Superintendent	
	Energy Services Director	

Employee Status

- **Department:** Energy Services
- **Job Title:** Powerline Technician I
- **Compensation:** Grade 17D- 17Q (Hourly Position)
- **Normal Working Hours:** 7:30am – 4:00pm
- **Job Location:** 1013 N. Piedmont Ave (Citizens Service Center)
- **After Hours:** Subject to call back and extended work hours as needed
- **Supervisor:** Supervisor of Electric Construction