

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

Hire Date	Employee ID	Employee Name

Powerline Technician III – Soft Skills and Field Requirements

Career Path Statement of Duties

In order for a Powerline Technician III employee to become eligible for promotion to a Powerline Journeyman, the employee must show consistent conformity with the outlined job description and satisfactorily complete the training, certification and task requirements of a Powerline Technician III within sixty 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 III – Job Description

General Statement of Duties

An employee in this position performs responsible skilled work in assisting with and semi-skilled work in 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 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 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 on-call and 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.

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

Knowledge's, Skills, and Abilities

This employee shows considerable advanced knowledge of the tools, materials and equipment used in the installation, replacement, maintenance and repair of electric distribution utility lines. Advanced 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, advanced 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 and emergency conditions and mitigate the related hazards, along with an advanced ability to read utility maps and operation and service manuals and to understand and follow oral and written instructions. This employee should have moderate 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 heavy work on a consistent basis.

Employee is subject to random drug testing as well as 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 Technician II training and certification requirements or verified equivalent.

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

Powerline Technician III–Training and Certification Requirements

In order for a Powerline Technician III employee to become eligible for promotion to a Powerline Journeyman, the employee must show satisfactory completion or verifiable documentation of the below training and certification, and task requirements within sixty 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
	Powerline Technician	Completion of Powerline Technician II Training	
	M300	Introduction to Metering	
	M305	Service Installation 2	
	M310	Advanced Rigging	
	M315	Pole Top Equipment & Replacement (Voltage Regulators)	
	M320	System Monitoring and Protection	
	M325	Distribution Line Safety	
	M330	Using Line Test Equipment 2	
	M335	Underground Cable Installation	
	M340	Tree Trimming	
	M345	Transformer Connections	
	M350	Transformer Troubleshooting	
	M355	Distribution Line Repair (Gloves)	
	M360	Underground Residential Systems Troubleshooting	
	M365	Locating Primary Faults	
	M370	Safety in Overhead Line Maintenance	
	Level III Certificate	Powerline Technician III 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	
	Work Zone/Flagger	Work Zone/Flagger Course	
	Excavator	Excavator Operations	
	Backhoe	Backhoe Operations	
	CPR	Cardiopulmonary Resuscitation	
	AED	Automated External Defibrillator	
	First Aid	First Aid	
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	Advanced understanding and use of Electric Mapping System	
Date	TASK REQUIREMENTS		Supervisor
	Install personal protective grounds on any given location on a distribution system as well as in substations.		
	Install/remove single phase and 3 phase transformers/banks, and assist in sizing and design of current and potential transformers.		

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	Locate and repair damaged URD cable, primary/secondary.	
	Troubleshoot overhead lines during system outages.	
	Inspect, install/remove, frame poles, install/remove down guys, guards & anchors.	
	Climb and perform work on wooden poles.	
	Work from bucket truck.	
	Work on energized conductors over 600 volts.	
	Install overhead conductors.	
	Assist in switching operations and substation maintenance.	
	Install services.	
	Practice first aid – CPR.	
	Hold job briefing (tailgate discussion).	
	Related work as required.	

The above listed employee has successfully completed the Powerline Technician III Soft Skills and Field Training Requirements within the first sixty months of employment. This employee is now qualified for consideration for promotion to Powerline Journeyman:

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 III 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 III
- **Compensation:** Grade 19H – 19Q (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 or Services