

**POWERLINE JOURNEYMAN CAREER DEVELOPMENT PATH (LCDP)  
Powerline Journeyman Soft Skills and Field Requirements**

Hire Date	Employee ID	Employee Name

## Powerline Journeyman – Soft Skills and Field Requirements

### Career Path Statement of Duties

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

### General Statement of Duties

An employee in this position performs responsible advanced 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, building and maintaining 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, along with mentoring lesser skilled Powerline Technicians. 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, as well as acts as crew leader when assigned.

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**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. This employee has the ability to act as crew leader and lead other employees in safety and training sessions.

**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 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 III training and certification requirements or verified equivalent.

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

**Powerline Journeyman—Training and Certification Requirements**

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In order for a Powerline Journey employee to become eligible for promotion to a Fully Recognized Journeyman state, the employee must show satisfactory completion or verifiable documentation of the below training and certification, and task requirements within seventy-eight months of employee hire date.

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 III Training	
	M400	Multimeter Operations and Use	
	M405	Working on Distribution Poles	
	M410	Pole Top and Replacements (Switches)	
	M415	Power Quality	
	M420	Pad Mount Transformer and Switch Gear	
	M425	Distribution Line Installation and Removal	
	M430	Distribution Line Replacement	
	M435	Voltage Regulator 1	
	M440	Voltage Regulator 2	
	M445	Power Transformers 1	
	M450	Relays 1	
	M455	Control Equipment	
	M460	Capacitors and Reactors	
	M465	Circuit Breakers 1	
	M470	Transmission	
	Level IV Certificate	Powerline Journeyman Certificaton	
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 Course	
	Work Zone/Flagger	Work Zone/Flagger Course Refresher Course	
	Excavator	Excavator Operations Refresher Course	
	Backhoe	Backhoe Operations Refresher Course	
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	Load Evaluation and Transformer Sizing	
	System	Understanding Fuse Coordination	
	System Data	Advanced understanding and use of Electric Mapping System	

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Date	TASK REQUIREMENTS	Supervisor
	Calculate fuses size, transformer size for system/ customer needs.	
	Write and execute switching orders / assignments.	
	Train less experience personnel on LCDP tasks, hands-on shoulder training and troubleshooting overhead and underground systems. Participate in related class instruction.	
	Inspect, install/remove, frame poles, install/remove down guys, guards & anchors.	
	Install / remove transformer, (1 phase, 3 phase and banks) Install / remove capacitors, CTs and PTs.	
	Install overhead and underground conductors.	
	De-energize lines and equipment (lock out/ tag-out).	
	Practice and participate in training for pole top, bucket truck and vault rescue procedures and techniques.	
	Infrared monitoring and multimeter use.	
	Practice first aid – CPR.	
	Conduct effective safety meetings.	
	Related work as required.	

The above listed employee has successfully completed the Powerline Journeyman Soft Skills and Field Training Requirements within the first seventy-eight months of employment. This employee is now qualified for consideration for promotion to Fully Recognized Journeyman status and consideration for future supervisory positions within the Electric Division:

Date	Title	Signature
	Electric Supervisor	
	Electric Superintendent	
	Energy Services Director	

The above listed employee has not successfully completed the Powerline Journeyman Soft Skills and Field Training Requirements within the first seventy-eight months of employment. This employee must satisfactorily complete the requirements within the next six months to be eligible for promotion to Fully Recognized Journeyman status 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 Journeyman
- **Compensation:** Grade 22I -22Q (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