



## JOB POSTING

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**Job Title:** Project Engineer

**Location:** Kaufman

**Posting Date:** 11/14/23 until filled

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### Summary

Direct, guide, or assist in the engineering activities by applying technical knowledge, sound engineering judgment, and skill to ensure that the electrical system meets the present and future requirements and is rendering safe, efficient, and dependable service at the lowest possible cost.

### Responsibilities and Authorities

Within the limits of approved board policies, operating guides, and procedures, assumes responsibility and has commensurate authority for the following activities:

- Responsible for assisting with the Cooperative's Long Range Engineering Plan and Two-Year Work Plan, by communicating with consultants, Assistant Manager of Engineering, Manager of Engineering, Manager of Operations, Director of Engineering and Operations, Chief Operating Officer and the General Manager/CEO.
- Works closely with the Assistant Manager of Engineering, Manager of Engineering, and the Manager of Operations to work on engineering projects to meet the needs of the cooperative.
- Maintains records on primary underground cable faults, consults with Superintendents regarding associated problems, and assists the Assistant Manager of Engineering and Manager of Engineering on making decisions on when and where to replace aging cable.
- Works with the Manager of Engineering, Assistant Manager of Engineering, Manager of Operations, and the System Engineer to implement sectionalizing, over current protection, device coordination, over voltage protection, voltage improvement, power factor correction, load balancing, and system reliability.
- Be able to review staking sheets from the field before going to construction.
- Review the design of power systems to serve subdivisions and large commercial customers to ensure that they are electrically and economically well designed and are in accordance with good engineering practices and R.U.S. specifications.
- Obtains estimates from consultants, contractors and/or vendors for needed services or assistance and seeks approval from the Manager of Engineering and Assistant Manager of Engineering.
- Assists with development specifications, evaluating quotes and makes recommendations regarding the purchase of power transformers, distribution transformers, voltage regulators, electronic reclosers, switching devices and equipment, underground cable, SCADA equipment, and other equipment or materials to be used.
- Consults with personnel to plan and implement alternate feed arrangements and switching operations to allow for voltage conversion, planned maintenance, and power restoration.
- Work with the inspections department to ensure sound construction practice, proper reporting of material and removal of hazard for the public and cooperative personnel.
- Work with the Assistant Manager of Engineering, Manager of Engineering, Manager of Operations, and the Chief Operating Officer to work on major system projects to improve the reliability of the electrical system.
- Works with Manager of Engineering, Assistant Manager of Engineering, and System Engineer to gather information for the study of the electrical system to make improvements for reliability, efficiency, and safety.

- May require some supervisory responsibilities.
- Follow personnel and safety policies, procedures, and regulations.
- Exercises a high degree of discretion and emotional control during periods of extreme stress while collaborating with members, Board members, employees, and other individuals, any of whom may be from diverse cultural backgrounds, and diverse socioeconomic backgrounds, as well as working with professional staff, regulatory staff, and oversight agencies.
- Regular and predictable attendance is an essential function of this position, with or without reasonable accommodation.
- Perform any other duties as assigned by the Assistant Manager of Engineering, Manager of Engineering, Director of Engineering and Operations, Chief Operating Officer and/or General Manager/CEO.

## **Education**

Bachelor's degree in electrical engineering or related field is preferred. Texas licensed PE and Rural Utilities Service training is preferred.

## **Experience**

Five years of electric utility engineering with some supervisory experience is preferred.

## **Job Knowledge**

Must have an effective working knowledge of the National Electrical Safety Code (N.E.S.C.), National Electric Code (N.E.C.), Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) regulations.

## **Abilities**

Must be able to read, write and do arithmetic. The ability to effectively communicate with the public, membership, and other employees in person, via telephone, two-way radio and email. Must have the ability to work in a professional manner with other departments, members, and outside vendors. Must be proficient in the use of computers and software. If required to drive, must possess a valid driver's license, and remain insurable by Cooperative automobile insurance carrier.

## **Working Conditions**

Must be able to work outside of regular schedule to maintain operations as required. Will require travel within and outside the cooperative service area. Will work in normal office conditions but will frequently be required to work outdoors, being exposed adverse conditions, such as extreme heat or cold, high winds and storms. May frequently be required to work in rough terrain, heavy underbrush, holes in ground, no or low lighting, pets, wildlife, insects, and poisonous vegetation. Will use wheel, hammer, pliers, and other basic hand tools frequently. Must wear approved clothing and required personal protection equipment.

## **Physical Requirements**

Will be required to stand, walk, sit, and use hands to finger, handle and feel. Frequently will be required to reach with hands and arms, stoop, kneel, crouch, crawl, talk and hear. Will frequently lift or move up to 25 pounds and occasionally lift or move up to 50 pounds. Specific vision abilities required include close vision, distant vision, color vision, peripheral vision, depth perception and the ability to adjust focus.

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This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Due to the nature of an electric utility, all employees are subject to working extended hours, holidays, nights, and weekends with or without notice.

## **How to Apply**

- External candidates may apply at any TVEC office, [www.tvec.net](http://www.tvec.net), submit resume and online application to P.O. Box 888, Kaufman, TX 75142, or email to addresses below:

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