



JOB POSTING

Job Title: Distributed Energy Resources Engineer/DER Engineer Associate

Location: North/Kaufman

Posting Date: 09/22/2026 until filled

Summary

The DER Engineer and DER Engineer Associate support the development and operation of TVEC's distributed energy resource (DER) initiatives and programs and assist with large-load integration. This position provides project management oversight and technical leadership in creating, managing, and evaluating DER-related programs and processes. The incumbent also serves as a primary source of technical advice and communication for installers, energy resource developers, and large-load customers regarding interconnections and programs.

The Engineer and Engineer Associate must have strong problem-solving, analysis, and program design and implementation skills to meet program and organizational goals. Excellent interpersonal and leadership skills are required to develop and maintain internal and external working relationships. This position requires a service- and results-oriented mindset to set priorities, manage workload effectively, and collaborate with Engineering, Operations, Legal, Billing, Accounting, Communications, and members to support the growth and success of DER initiatives

Role and Responsibilities

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

- Design, develop, implement, and evaluate programs and processes that support member DER adoption, interconnection, and integration of DER into the TVEC electric grid.
- Provide project management oversight throughout the project life cycle, including initial application, system-impact review, and interconnection approval.
- Acquire and maintain current knowledge of DER interconnection requirements, equipment standards, and operating standards.
- Research DER policies, best practices, and legislation and recommend program and process improvements.
- In coordination with key departments, prepare studies, reports, proposals, presentations, and other written materials for DER-related projects, products, and services for members, TVEC leadership, and other stakeholders.
- Assist with large-load integration, including collecting initial load data from interconnecting loads, coordinating transmission studies with the Cooperative's G&T, and analyzing design requirements for interconnection to the Cooperative's distribution system.
- Review permit and plan revisions with project engineers and contractors.

- Streamline and improve internal operational workflows and processes, identify opportunities for improvement, and implement best practices.
- Assist the Energy Management team with workflow and administrative duties as assigned.
- Maintain documentation, track project progress, and prepare regular reports on operational metrics and key performance indicators (KPIs).
- Follow personnel and safety policies, procedures, and regulations.
- Regular and predictable attendance is an essential function of this position, with or without reasonable accommodation.
- Perform any other duties assigned by the Manager of DER & Grid Integration, Director of Operations & Engineering, Assistant GM/COO, or the General Manager/CEO.

These outline the main responsibilities of this position. They are not intended to cover every duty. Assignments may change or be adjusted based on the business needs of the Cooperative.

Education and Experience

DER Engineer Associate:

- A bachelor's degree in electrical engineering or a closely related engineering field is required.

DER Engineer:

- A bachelor's degree in electrical engineering or a closely related engineering field is required.
- At least four (4) years of applicable engineering experience is required.

Job Knowledge

The DER Engineer Associate and DER Engineer must demonstrate a working knowledge of distributed energy resources (DER) and distributed generation technologies, including solar photovoltaic systems, battery energy storage, wind generation, microgrids, and other distributed energy solutions. This includes grid integration principles such as voltage regulation, power quality, fault protection, anti-islanding, and synchronization with the Cooperative's distribution system.

Must know applicable national, state, local, and Cooperative standards for DER and large-load interconnections, including IEEE 1547, UL 1741, TVEC interconnection guidelines, and the G&T transmission-study process. Understanding equipment certification, anti-islanding protection, and smart-inverter functions are essential, as is knowledge of personnel and safety requirements, electrical hazards, OSHA-related practices, and the National Electrical Code (NEC). Familiarity with site, permitting, and environmental factors that affect DER installations is also required.

Abilities

The DER Engineer Associate and DER Engineer must be self-starters with initiative, sound judgment, and the ability to work with a wide range of stakeholders. Strong verbal and written communication skills are required to give technical advice, prepare reports and presentations on DER topics, and support outreach. The incumbent must be able to resolve member questions on billing, usage, and grid issues; coordinate with Engineering, Operations, Legal, Billing, Accounting, Communications, and the Cooperative's G&T; and manage competing priorities and deadlines. Analytical and problem-solving skills are needed to research policy, conduct system reviews, improve workflows, and address grid integration issues. Required tools include Microsoft Excel, Word, and Outlook, along with grid-modeling or data-management applications used by the Cooperative. Accuracy, confidentiality, and attention to detail are required in permit reviews, records, and member communications.

Working Conditions

Both positions work primarily in an office environment and may require occasional field or site visits.

Physical Requirements

The physical demands described here are representative of those required to perform the essential functions of this job. The employee is regularly required to talk or hear. The employee must frequently sit and use hands to operate a computer and other office equipment, and must occasionally stand, walk, reach, and lift or carry up to 20 pounds. Occasional field work may involve walking on uneven surfaces and limited exposure to outdoor conditions, dust, or dirt.

This job description is not intended to list every activity, duty, or responsibility of the position. Duties, responsibilities, and activities may change at any time, with or without notice.

Due to the nature of an electric utility, all employees may be required to work extended hours, including holidays, nights, and weekends, with or without notice.

How To Apply

- External candidates may apply at any TVEC office or at www.tvec.net. Submit a resume and application to the email address below.

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