

Position Posting



MINNESOTA VALLEY ELECTRIC COOPERATIVE

A Touchstone Energy® Cooperative 

Electrical Power Engineer

The **Electrical Power Engineer** supports MVEC's and MVUS's (Minnesota Valley Utility Services) Electrical Engineering needs. Provides day-to-day technical support in the areas of either Engineering Planning, Distributed Energy Resources (DER's), Substation Planning and Design, or General Engineering. Assists in the development and implementation of load control strategies positively impacting rates and power-supply. Provides MVUS support for general engineering for MVUS clients.

This unique opening will focus on Substation Planning and Design. This position will be responsible for the planning, design, equipment bids, and overall project management of future substations as well as the yearly maintenance on MVEC's existing 29 substations.

At MVEC we are a Team! Team Members are empowered to spend most of their time doing MVEC's hands-on work.

Leading by example, a Team Member's focus is to:

- Successfully carry out daily work, implement process improvements, suggest new ideas, serve on Teams, and proactively identify and resolve problems.
- Participate in setting goals and investigate training opportunities to build their skill set which allows work objectives to further the cooperative's strategy.
- Work cooperatively across departments, communicate effectively and be responsive.

All Team Members are accountable to MVEC's vision and mission, serving the membership and Team with servant leadership, dedication to safety and following the Team Member handbook.

Duties and Responsibilities:

- Provide day-to-day technical support to Distribution Designers and Apparatus/Substation Technicians including; substation planning & design and substation relay settings.
- Provide engineering needs and assistance in the following areas listed but not limited to the following: budgeting, long-range plans, construction work plans, sectionalizing studies (relay/recloser settings), arc-flash assessments, areas related to the National Electric Safety Code, and National Electric Code. Liaison to engineering consultants.
- Work with Accounting to assure accuracy, invoicing and completion of Work-Order / Staking-Sheets and annual review of schedule of charges. Assists in the development and implementation of load control strategies positively impacting rates and power-supply.
- Provide day to day Engineering Services to MVEC/MVUS in the areas of planning, sectionalizing, line/substation design, DER's, and RUS accounting.
- And all the other fun exciting duties assigned by the Supervisor!

Required Qualifications:

- Bachelor of Science Degree in Electrical Engineering with Power emphasis from an ABET-accredited University
- FE Exam completed and EIT Certified (Ability to obtain within 6 months of hire)
- Valid Minnesota Drivers License with good driving record
- In-depth knowledge of distribution system engineering, construction and operations.
- Familiar with safety codes, Rural Utilities Service (RUS) requirements, and other standards that apply.
- Ability to organize a project into defined tasks and delegate to appropriate personnel.
- Ability to work with diverse interests and be able to debate controversial issues when making objective.
- Good analytical, interpretative, interpersonal, complex problem-solving and decision-making skills.
- A strong working knowledge of Engineering Design Software (i.e. Milsoft, CYME), Electronic Staking Software, AutoCAD, or ESRI Mapping.
- Represent the Cooperative with professionalism and integrity when in contact with members, co-workers, the general public, consultants, contractors, vendors or other businesses.

Safety Class:

This position is considered a safety-sensitive position. This position is subject to pre-employment drug screens. This position is also subject to random drug screening during employment. Both screenings include cannabis and hemp-derived products.

Applicants must be committed to providing service beyond members' expectations and lead by example. To apply, please submit a resume to jobs@mvec.net. Position open until filled. Preference to applicants that apply by **Friday, September 29th, 2023**.

Equal Opportunity Employer

Our Mission: To create exceptional member experiences, while safely providing reliable energy at cost.

Minnesota Valley Electric Cooperative is an equal opportunity provider and employer