



Job Posting: T&D Field Commissioning Engineer

Location: Kansas City, Missouri

This opportunity is located within the engineering department at Infinite Energy Engineering in Kansas City, Missouri. The Field Electrical Engineer will support utility-scale substation and infrastructure projects through hands-on engineering, field verification, and close collaboration with design and construction teams.

Who We Are: Infinite Energy Engineering is a recognized leader in Transmission & Distribution design, known for delivering high-quality utility and infrastructure solutions with a focus on safety, integrity, and performance.

What We're Looking For: We're seeking a detail-oriented and field-capable Electrical Engineer with a strong foundation in substation design and drafting. The ideal candidate thrives in both office and field environments, supports drawing development, and works closely with engineers, drafters, and field crews to ensure accurate, real-world implementation of engineered systems.

Key Responsibilities:

- Support development and review of substation one-line diagrams, wiring schematics, and physical layout drawings.
- Perform field verification, walkdowns, and redline markups for as-builts and design updates.
- Collaborate with drafting and design teams to ensure constructability and accuracy of deliverables.
- Apply knowledge of substation equipment, layouts, and electrical principles in both field and design contexts.
- Interpret and apply standards including IEEE, ANSI, NEC, and NESC to ensure code compliance.
- Assist in developing material schedules, conduit/cable lists, and termination diagrams.
- Support the resolution of field design issues and coordinate with project managers and contractors as needed.



- Maintain and manage drawing revisions and document control requirements throughout the project lifecycle.
- Participate in design reviews and field coordination meetings to align engineering intent with site conditions.
- Adapt to client-specific standards and integrate new workflows, tools, or technologies as needed.

Qualifications:

- Proficiency in AutoCAD, AutoCAD Electrical, and/or MicroStation for electrical and substation drafting.
- Knowledge of substation components, layout practices, and electrical terminology.
- Understanding of substation design principles and physical/electrical arrangement of equipment.
- Familiarity with IEEE, ANSI, NEC, and NESC standards.
- High attention to detail and drafting accuracy.
- Experience creating drawing packages with material schedules, termination diagrams, and cable/conduit lists.
- Strong collaboration skills with engineering teams and field personnel.
- Ability to manage file versions, revisions, and document control requirements.
- Willingness to learn new software, workflows, and client-specific standards.
- Problem-solving mindset with the ability to flag issues and propose solutions during design.

Interested applicants may submit their resume to Sydnee Bseiso at Sbseiso@iecengineers.com or call (816) 763-7471 for more information.