



ENGINEERING

## **Substation Engineer I**

Infinite Energy Construction seeks a substation engineer for our growing Substation Engineering Division. This position will produce substation design deliverables for internal and external clients for projects ranging in size and complexity. The ideal candidate for this position will be a recent graduate from an engineering program or have less than 2 years of substation engineering experience. Training on the application of technical knowledge will be provided, as well as on the business process of applying technical principles, client standards, and industry standards into a design and business operation.

IEC is a locally owned and operated business based in Kansas City, Missouri. We provide customer centric construction management for Federal Clients and electrical engineering services for the electrical utility industry. We are a growing company looking for motivated, self-starting individuals to join our Substation Engineering team. Our mission is to build to a higher standard through a focus on performance, safety, and understanding our clients' mission and needs.

We offer competitive pay, including the potential for overtime, a competitive bonus program, and a robust benefits package (health, dental, and vision insurance, 401k with company contribution, casual work environment, paid holidays and paid leave).

### Qualifications

- Bachelor's degree in electrical engineering preferred, 4 year degree from AABE accredited academic institution required.
- Engineering or Technical background required

### Essential Job Functions:

- Apply understanding of engineering and technical principles to understand client scope and design process to meet project design deliverables



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- ❑ Producing designs per client standard, managerial and technical direction.
- ❑ Commitment to continuously learn and develop for technical growth
- ❑ Produce quality and technically sound engineering designs in line with project schedules and budgets
- ❑ Work closely with CADD and Physical Design colleagues
- ❑ Maintain accurate and organized documentation and document controls
- ❑ Interface with clients and internal stakeholders representing company culture and values
- ❑ Travel to jobsites, clients, offsite meetings as needed
- ❑ Other duties as assigned

#### Knowledge, Skills, and Abilities:

- ❑ Strong oral and written communication skills, including technical writing skills
- ❑ Knowledge of common power industry engineering and design practices
- ❑ Familiarity of the NESC and IEEE/ANSI Standards
- ❑ Technical understanding of electrical engineering, substation protection & controls and electrical transmission.
- ❑ Knowledge electrical principles
- ❑ Strong computer skills (MS Word, Outlook, Excel, etc.)
- ❑ Demonstrated problem solving skills
- ❑ Demonstrated analytical and critical thinking skills
- ❑ Strong organizational skills and attention to detail and accuracy
- ❑ Ability to communicate with technical and non-technical individuals
- ❑ Ability to learn to create, manipulate, and read drawings
- ❑ Ability to learn through observation and hands on experience
- ❑ Ability to follow verbal and written instructions
- ❑ Ability to gather data, compile information, and make reports
- ❑ Ability to multi-task, establish priorities, and meet deadlines
- ❑ Ability to work on and with a team
- ❑ Ability to work and make decisions with minimal supervision



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Job Type: Full-time

Pay: \$65,000 - \$80,000.00 per year (base salary) + bonus

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Health insurance
- Health savings account
- Life insurance
- Paid time off
- Retirement plan
- Vision insurance

Schedule:

- Monday to Friday
- Some WFH allowances per month

Education:

- Bachelor's (Required)
- Work Location: Kansas City