

## *Distribution Design Engineer II*

### **About the Company**

At ESC Engineering we are best known for delivering creative and relevant solutions to utilities, industrial entities and governmental concerns ranging from high voltage power applications for electric utilities to controls and automation solutions for manufacturing, water/wastewater and oil and gas to name a few. What we enjoy most is also being known for being there year in and year out for our clients, with whom we have an 85% repeat business rate and many long-term partnerships, and for our team for whom we strive to provide long term growth opportunities. We are 100% employee-owned and that culture is a major factor in the long term relationships we build with our clients and with each other. If this sounds like the kind of team you'd like to be part of apply today and let's work together for a bright future.

### **Position**

Distribution Design Engineer II

### **Location**

Fort Collins, CO

### **Responsibilities**

- Provide design and staking services to clients including line design and rebuild, reliability improvement projects and automation associated with microgrid.
- Perform various calculations such as kW/kVA loading, pole loading, conduit pulling, transformer sizing secondary voltage drops and associated calculations.
- Work directly with clients and provide services such as:
  - Propose, develop, scope, estimate, communicate, execute, and close projects within budget.
  - Manage and coordinate projects.
  - Design cost efficient overhead, underground and unique structure distribution lines
- Ability and willingness to travel as needed within the continental U.S. mostly in the greater Rocky Mountain and Great Plains region. Travel estimated to be 25%, but could vary and by cyclical.
- Interpret data from system maps and field operational data to address potential system inadequacies.
- Knows and applies the concepts, practices, and procedures of electric distribution system development, reliability, and maintenance.
- Provides input and guidance to all of ESC's disciplines.
- With minimal to moderate guidance, develop study reports and manage small projects.
- Support ESC's business development initiatives.
- Other duties as assigned.

### **Qualifications**

- Bachelor of Science Degree in Electrical Engineering from an accredited engineering school.
- Minimum three (3) years of experience in electric distribution design, operation, construction, and maintenance of overhead and underground distribution lines (4 kV through 35 kV). FE designation preferred.
- Transmission and Substation design experience is a plus.
- Cooperative or municipal experience is a major plus.
- Experience with distribution utility standards, design software, overhead and underground design, joint-use facilities design, the National Electric Safety Code (NESC), pole loading programs, compilation of design packages for construction,

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perform quality reviews of project deliverables, prepare schedules and bills of materials.

- Personality to work with other engineering and operational personnel at small-to-medium rural cooperatives and small-to-medium municipalities as well as industrial concerns.
- Problem-solving and client service orientation.
- Demonstrated ability to work with highly technical staff and manage multiple tasks and objectives.
- Motivated and enthusiastic; good people skills and temperament; drive and ambition to set and reach challenging goals.
- Self-starter with excellent communication skills, both verbal and written to communicate effectively with internal team members and external clients.
- Ability to maintain and develop business with both existing and new/identified clients.
- Effective leadership and mentoring skills.
- People-oriented team player.
- Confident handling of the appropriate software for design purposes.
- Ability and willingness to travel as needed within the continental U.S.
- Legally authorized to work permanently in the U.S. without the need for sponsorship (proper identification required).

### **Compensation/Benefits**

ESC Engineering offers a competitive compensation package including: medical, dental and vision insurance; 401k and profit sharing retirement plan contributions; life insurance; Flexible Spending Accounts (FSA) or Health Savings Account (HSA); paid vacation and holidays; and as an employee-owned company stock ownership is made available to all team members with attractive return.

### **Apply**

Send resume, cover letter and any other pertinent information to [jobs@thinkesc.com](mailto:jobs@thinkesc.com).

**ESC Engineering is an Equal Opportunity Employer**