

System Planning Engineer II

About the Company

At ESC Engineering we are best known for delivering creative, relevant and impactful 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 90% 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

System Planning Engineer II

Location

Fort Collins, CO

Responsibilities

- Provide planning and analytic services to clients.
- Work directly with clients and provider services such as:
 - Perform power system planning and analysis evaluations, feasibility studies, sectionalizing studies, construction work plans, and long and short range planning studies.
 - Propose, develop, scope, estimate, communicate, execute, and close projects within budget.
 - Manage and coordinate projects.
- Create/build system models for use in system analysis.
- Interpret data from system models and field operational data to address potential system inadequacies.
- Know and apply the concepts, practices, and procedures of electric distribution system development, reliability, and capacity planning.
- Provide input and guidance to other disciplines.
- With minimal to moderate guidance, develop study reports and manage small projects.
- Support ESC's business development initiatives.
- 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 10%, but could vary and be cyclical.
- 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 utility system planning. F.E. designation required. Position requires obtaining P.E. registration by exam once qualified.
- Experience with long range planning studies, short range plans, and construction work plans.
- Proficiency in communicating complex system planning evaluations and strategies.
- Proficiency in distribution and substation operating concepts.
- Proficiency in electric system modeling and analysis techniques, including the use of computer-based modeling programs such as Milsoft Windmil and ETAP.

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- Cooperative or municipal experience is a major plus. Experience with oil and gas, water/wastewater, and industrial a plus
- 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).

Desired Qualifications

- Five (5) or more years of experience in electrical utility system planning with P.E. license.
- Proficiency in electric system modeling and analysis techniques, including the use of computer-based modeling programs such as SKM Power Tools and/or ASPEN.
- Experience with system protection, smart grid, and/or distributed generation resources.
- Current experience or willing to grow into, actively engaging and executing business development initiatives in the utility planning and design market.

Compensation/Benefits

ESC Engineering offers a competitive compensation package including: medical, dental and vision insurance; 401k 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.

ESC Engineering is an Equal Opportunity Employer