



**Power System
Engineering, Inc.**

1532 West Broadway, Madison, WI 53713

www.powersystem.org

Job Description

Job Summary:

The Regional Lead – Line Design has the responsibility of maximizing client relationships in the assigned region as well as providing leadership and mentorship to professional colleagues, consisting of both direct and indirect reports. It is also the responsibility of the role to maintain an average utilization rate of 65%, or greater, by providing professional services to electric utility clients in areas of subject matter expertise including performing engineering related functions to support electric transmission and distribution line design.

Responsibilities:

- Coordinate and execute transmission and distribution line design work for regional clients.
- Responsible for leading, directing, mentoring, training, and supervising efforts with team members.
- Responsible for coordination and oversight of transmission and distribution line design projects of varying size and complexity, including scope and/or proposal development, project team development and assignment, project execution, project closeout, quality control, schedule, and budget management.
- Participate in business development including client visits and conference attendance.
- Develop electric power transmission and distribution line design standards.
- Route and design transmission and distribution lines.
- Perform structure loading analysis and calculations.
- Work with line design software including automated staking software, CAD applications, and excel spreadsheets.
- Work with line design equipment including GPS, measurement tools, and staking tools.
- Develop design documentation including staking sheets, plan & profiles, and material specifications.
- Develop construction specifications and contracts, coordinate pre-bid meetings, evaluate bids and proposals, and provide contract award recommendations for transmission and distribution construction projects.
- Perform work order inspections on recently constructed transmission and distribution facilities to ensure compliance with RUS, NESC, IEEE, ANSI, and other applicable standards.

Qualifications:

Education and Experience

- Associate degree or Bachelor's degree in Business, Engineering, or Technology-related field.
- 4+ years of experience designing transmission and/or distribution lines.
- 1+ years of project management experience.
- Knowledge of electric utility systems, line design, and surveying practices.

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Knowledge and Skills

- Experience using AutoCAD, structure analysis, project cost estimates, staking sheet preparation, construction specifications and drawings, and other engineering documents required for line design projects.
- National Electrical Safety Code (NESC) knowledge is desired.
- Proficient with Microsoft Office.
- Possess ability to achieve quality results, be change-oriented, foster innovation, and be a continuous learner.
- Strong communication skills (both written and oral) be customer-driven, and display teamwork behavior.
- Possess ability to continually identify and recommend process and/or system improvements to facilitate efficiencies in line design.
- Ability to work and meet deadlines in a fast-paced environment.

Competencies:

- Leadership, Communication, Analytical, Problem Solving, Project Management

Supervisory Responsibilities:

- Lead a team of professionals and direct efforts in providing a wide range of engineering, planning, design, and technical consulting services to PSE's electric utility clients in the region.
- Assign duties and tasks as necessary to a designated team of technicians and professionals.

Essential Functions:

As defined under the Americans with Disabilities Act, these include the following responsibilities, minimum job knowledge, skills, and abilities. This is not necessarily an all-inclusive listing. The scope and responsibilities of this position may change or be altered based on client needs, business and practice area opportunities, and company direction. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

Working Environment:

This position operates in both office and field settings. The role routinely uses standard office equipment such as but not limited to computers, phones, photocopiers, filing cabinets, and fax machines. In addition, may required to drive company provided vehicles when traveling.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the responsibilities of this job, the employee is regularly required to talk and hear. The employee is frequently required to stand, sit, walk, use hands and fingers, handle and feel, and reach with hands and arms. In addition, to being licensed to operate and drive a company motor vehicle.

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This position is a sedentary role with active field work as necessary, requiring the ability to drive, walk, lift, bend, or stoop as necessary. This position requires the ability to occasionally lift office products, supplies, or equipment up to 40 pounds.

Position Type/Expected Hours of Work:

This is a fulltime (40 hours a week), exempt position, located in Marietta, OH. Employee must be available Monday-Friday 8:00 a.m. to 4:30 p.m. or other agreed upon daytime schedule. This position may require long hours and overtime.

To accommodate the needs of the business PSE reserves the right to alter individual work schedules on either a short-term or long-term basis.

Travel:

Travel may be required to field sites, client sites, PSE office locations, and meeting locations as needed. Travel may be out of the local area and overnight. All required travel will be reimbursed. Travel may involve driving and operating a company vehicle.

Working Relationships:

Internal: Management, peers, and support staff.

External: Electric utilities, state and local governments, consultants, construction contractors, vendors

Other Responsibilities Disclosure:

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this position. Duties, responsibilities, and activities may change at any time with or without notice.