



**Power System  
Engineering, Inc.**

**2424 Rimrock Road, Madison, WI 53713**

**[www.powersystem.org](http://www.powersystem.org)**

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Excellence Through People! Take your career to the next level working with energetic, talented, and forwarding-thinking colleagues who share common values and a mission of helping colleagues achieve their goals. Work for a company that gives you a platform to do amazing things.

### **What We Are Looking For:**

Power System Engineering, Inc. (PSE) is looking for a well-rounded individual to perform engineering related functions to support electric transmission and distribution line design in our Madison, WI or Cincinnati, OH office. Work entails the selection and analysis of line structures, layout or spotting of structures within land corridors, and development of design specifications. Power line voltages range from 2.4kV to 230kV. In addition, the new team member will have significant opportunities to interact with clients, be exposed to exciting projects, and be surrounded by a network of supporting colleagues.

### **What You Will Be Doing:**

- 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 AutoCAD, PLS-CADD, Sag10, and in-house Excel spreadsheets.
- 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.

### **What You Will Need:**

#### **Education and Experience**

- 4-year degree in Civil or Mechanical Engineering.
- Ability to obtain Professional Engineer license within a 4-year period of hire date

#### **Knowledge and Skills**

## Civil Engineer - Utility Engineering & Design

- Working knowledge of computer software including AutoCAD, MS Excel, and MS Word.
- Knowledge of electric utility systems, line design, and surveying practices is a plus.
- Possess basic knowledge for structural calculations, computer applications, and technical writing.
- Possess ability to achieve quality results, be change-oriented, foster innovation, and be a continuous learner.
- Use effective 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.

### **APPLY NOW**

#### **People.Power.Future**

*Power System Engineering is an Equal Opportunity/Affirmative Action Institution and does not discriminate on the basis of race, sex, gender identity, marital status, pregnancy, sexual orientation, age, disability, veteran status, religion, color, ancestry, or national origin or any other characteristic protected by federal, state or local laws. Our management team is dedicated to this policy with respect to recruitment, hiring, placement, promotion, transfer, training, compensation, benefits, employee activities, and general treatment during employment.*