



**Power System
Engineering, Inc.**

1532 West Broadway, Madison, WI 53713

www.powersystem.org

Job Description

JOB TITLE:	Senior Engineering Manager
DEPARTMENT:	Power Delivery Planning and Design
CLASSIFICATION:	Exempted/Salaried
REPORTS TO:	Jeff Triplett
LOCATION:	Madison, WI
DATE ISSUED/REVISED:	June 1, 2017

General Summary:

Power System Engineering is a full service consulting firm. Our team has extensive experience in all facets of the utility industry, including communications, IT, and automation planning and design; economics, rates and business planning; electrical engineering planning and design; and procurement, contracts, and deployment.

PSE is an employee-owned consulting firm providing professional services to clients throughout the nation. We help our clients improve efficiency, cut costs, and provide a higher level of service to their customers. We are able to do this by having an experienced staff with expertise in planning, financing, economics, and engineering. Our staff is able to develop and implement practical, cost-effective solutions that achieve our clients' goals. We are always interested in specialized professionals who desire a challenging and rewarding career.

Responsibilities:

The following are essential responsibilities of this position and do not include marginal functions that are incidental to the performance of the fundamental job duties. The scope and duties of this position may change or be altered based on the business needs of the company. The basic requirement of every position is to perform all tasks as assigned by the supervisor.

1. 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.
2. Direct, coordinate and carry out electric substation design services in accordance with industry standards and established PSE guidelines, including but not limited to the following: detailed schematic and drawing development, preparing equipment specifications, bidding and procurement, contract preparation, construction management and support.
3. Develop and analyze data for and work with a project team to complete engineering and design processes, to ensure that solutions are achievable and technically sound.

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4. Perform financial analysis of proposed solutions using parameters pertinent to the project and client.
5. Work in a cooperative fashion with other PSE team members to improve our efficiencies and work product.
6. Employ strong project management and client and vendor relationship building.
7. Work with utility client management and staff to understand the scope of work and any concerns.
8. Be responsible for quality control and technical review of projects and the work of others.
9. Provide direct feedback to senior PSE management and carry out company-wide initiatives.
10. Work closely with PSE's Distribution Studies and Substation Design Vice President to provide overall leadership, guidance, and mentorship to all team members as well as promote and advance a positive work environment required of a successful professional engineering and consulting firm.
11. Actively participate in client projects via project manager, engineer-in-charge, technical review person, or senior technical support with the intent of maintaining a 60% utilization rate.
12. Actively participate in strategic company planning discussions and meetings with the objective of helping PSE continue along the path of a successful future.
13. Represent PSE at industry conferences by presenting technical topics and staffing exhibition booth.
14. Assist with the recruitment of new team members who are a good fit with PSE's needs and culture.
15. Assist with the development of new service offerings that provide benefits to both existing and prospective clients.
16. Assist with business development activities including marketing visits to prospective clients within Wisconsin and throughout the United States and Canada.
17. Provide general leadership within the company by taking the initiative, building effective teams and relationships amongst all departments.

Minimum Requirements:

The following are minimum requirements of this position.

1. The candidate must have a BSEE with a minimum of ten years of relevant experience.
2. The candidate must have an active professional engineer license registered with the Wisconsin Department of Safety and Professional Services or be capable of obtaining a license within a three-month period.
3. The candidate must have specific experience leading and directing a team of technical professionals and managing technical projects.
4. The candidate shall be self-motivated and have experience in power system planning, protection, design, and operations.
5. Previous experience in an engineering consulting role is desirable.
6. Working knowledge of applicable RUS, NESC, IEEE, and ANSI standards is highly preferred.
7. Use effective communication skills (both written and oral), be customer-driven, and display teamwork behavior.
8. High level of interpersonal, problem solving, leadership and organizational skills.
9. Possess the ability to achieve quality results, be change-oriented, foster innovation, and be a continuous learner.

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10. Possess the ability to continually identify and recommend process and/or system improvements to facilitate efficiencies.

Working Conditions:

1. Travel within the region is required.
2. Normal office conditions.

Working Relationships:

Internal: Peers, management.

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