



**Power System
Engineering, Inc.**

1532 West Broadway, Madison, WI 53713

www.powersystem.org

Job Description

JOB TITLE: Electrical Engineer

DEPARTMENT: Industrial Engineering & Energy Resources

LOCATION: Prinsburg, MN or Blaine, MN (looking for 1 person)

General Summary:

Provide consulting services to PSE clients that advocate optimal operation, maintenance and orderly expansion of an electric delivery system in accordance with national and state regulatory agency codes and standards.

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. Provide a wide range of engineering and technical consulting services to PSE's commercial and industrial clients in the region.
2. Direct, coordinate, and carry out the development of engineering designs and studies.
3. Design responsibilities include lighting design, power distribution design, conducting power quality studies, and performing coordination and arc flash studies.
4. Perform financial analysis of solutions using parameters pertinent to the project and client.
5. Work in 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 client management and staff to understand concerns and scope of work.
8. Provide day to day operations support to PSE clients.

Minimum Requirements:

The following are minimum requirements of this position.

1. The candidate must have a BSEE.
2. Ability to obtain a Professional Engineer license within a 4-year period of hire date.
3. The candidate shall be self-motivated and have experience in developing construction bid documents for commercial and industrial facilities.
4. Working knowledge of applicable NEC, IEEE, and ANSI standards is highly preferred.

Title: Electrical Engineer

Date: September 4, 2019

Working Conditions:

1. Moderate travel may be required.
2. Normal office conditions.

Working Relationships:

Internal: Peers, management.

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