



**Power System
Engineering, Inc.**

1532 West Broadway, Madison, WI 53713

www.powersystem.org

Job Description

General Summary:

Power System Engineering, Inc. (PSE) is a full-service consulting firm for electric utilities, independent power producers and commercial and industrial facilities. This position will provide consulting services to PSE clients in the industrial and energy resources sectors 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 at PSE is to perform all tasks as assigned by the team lead.

1. Provide a wide range of engineering and technical consulting services to PSE's commercial and industrial clients including lighting design, power distribution design, conducting power quality studies, and performing overcurrent coordination and arc flash studies.
2. Design commercial and utility scale electrical systems for distributed energy resource (DER) projects. Project types include solar PV, energy storage and microgrid related technologies including the interconnection design at primary and secondary distribution voltages. (System capacity range from 100kW to 100MW+).
3. Establish and maintain on-going client relationships within the industrial and renewable energy industry.
4. Work in cooperative fashion with other PSE team members to improve our efficiencies and work product.
5. Employ strong project management and client and vendor relationship building.

Minimum Requirements:

The following are minimum requirements of this position.

1. The candidate must have a BSEE.
2. Entry Level
3. Proficiency with AutoCAD, Revit MEP, SKM Power Tools, ETAP, and MS Office Suite
4. The candidate shall be self-motivated and have experience in developing construction bid documents for commercial and industrial facilities.
5. Working knowledge of applicable NEC, IEEE, and ANSI standards is highly preferred.
6. Strong interpersonal skills and ability to apply effective verbal and written communication skills when writing specifications, preparing technical reports, contributing to, or leading project team discussions.

Electrical Engineer

7. Ability to travel as needed (up to 15%) for team meetings, client consultations, site assessments, and construction inspections – occasional overnight travel may be required.
8. Eligible to work in the United States without visa sponsorship.

Working Relationships:

Internal: peers, management.

External: utility companies, state and local government agencies, consultants, construction contractors, equipment vendors.