



**Power System
Engineering, Inc.**

1532 West Broadway, Madison, WI 53713

www.powersystem.org

Job Description

Overview:

This is an exciting time to join Power System Engineering (PSE). We have been partnering with electric utility, energy, agriculture, and industrial clients for over 40 years providing innovative engineering and consulting services and solutions. As an industry leader, PSE fosters a culture focused on our employees and clients, forward-thinking, innovation, integrity, and safety which drives the growth and success of our company, and supports our clients in managing their power grid, water supply, gas systems, and communications networks more effectively.

PSE is looking for a full-time enthusiastic entry level Mechanical Engineer to join our highly collaborative team, supporting commercial and industrial clients with their engineering needs.

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.

- Assist and/or perform engineering design services to Commercial and Industrial (C&I) clients.
- Assist and/or perform energy audits for C&I clients on their behalf or on behalf of the utility.
- Assist and/or perform mechanical system design of HVAC systems and power & process piping for ethanol plants and bulk liquid fertilizer and chemical storage and distribution facilities.
- Assist in developing budgetary estimates, develop engineering proposals, and write technical specifications and RFPs.
- Assist in proactively contacting prospective clients to obtain opportunities to propose on projects.
- Assist in preparation or make occasional presentations at various industry conferences and client sites.
- Coordinate activities between clients, utilities, permitting agencies, contractors, and other project stakeholders.
- Employ strong project management techniques that build solid working relationships with clients and vendors.
- Cooperate with other PSE team members to improve efficiency and work product.

Minimum Requirements:

The following are minimum requirements of this position.

- Bachelor's degree in Mechanical Engineering
- Ability to obtain a Professional Engineer license within 4 years of hire.
- Working knowledge of mechanical system analysis software is highly preferred.

Mechanical Engineer

- Working knowledge of applicable NFPA, ASHRAE, and ANSI standards is highly preferred.
- Eligible to work in the United States without visa sponsorship.

Skills and abilities:

- Possess ability to achieve quality results, be change-oriented, use effective communication skills, customer-driven, foster innovation, be a continuous learner, and display teamwork behavior.

Working Conditions:

- Normal office conditions
- Some travel may be required

Working Relationships:

Internal: Peers, management.

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

How to Apply:

Email a cover letter and resumé, as one .pdf document, to jobs@powersystem.org; use the name of the position you are applying for as the subject line of the email.

PSE is a growing employee owned engineering firm that fosters an innovative team environment and offers an excellent benefit package which includes paid time off, 401(k), health, dental, vision and life insurance.

PSE conducts drug screening and background checks on applicants who accept employment offers.

Authorization to work in the United states without visa sponsorship is a precondition of employment.

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.