



**Power System
Engineering, Inc.**

2424 Rimrock Road, Madison, WI 53713

www.powersystem.org

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 lead the delivery of multidisciplinary Solar Photovoltaic (PV) and Battery Energy Storage System (BESS) projects through their feasibility, pre-construction, and construction phases with a specific focus on the electrical design aspects of projects. The PSE Energy Resources group specializes in designing fun, challenging, rewarding, and high-profile renewable energy projects seeking a creative, intelligent, entrepreneurial, driven individual with expertise in the renewable energy industry. This unique opportunity requires an individual who enjoys engineering, business development, and project management roles. A "seller-doer" type who has high-quality technical and interpersonal skills. This is an exciting chance to lead a growing team and join a culture that promotes continual employee growth and development.

What You Will Be Doing:

- Design and engineer commercial and utility-scale PV solar systems, energy storage, and microgrid projects between 100kW and 100MW+ in size. Projects include both standalone storage and storage plus solar
- Develop construction documents using AutoCAD
- Develop detailed equipment specifications
- Contribute to the continual development of internal solar engineering standards, toolsets, and work processes
- Use Excel spreadsheets commercial and engineering software to design Solar PV and BESS systems
- Coordinating project design assignments and design teams locally and with other office locations
- Travel to project sites from time to time to gather site-specific data, as required
- Contributing to or writing technical papers and reports
- Produce site-specific production analysis of PV arrays using models such as Pvsyst or Helioscope
- Conduct system studies such as arc flash, load flow, short circuit, overcurrent coordination, and grounding studies
- Coordinate communication and provide status updates to stakeholders as required
- Assure quality in design work by developing and following internal QA/QC methods
- Provide mentorship and training to new and junior engineering personnel

What You Will Need:

Lead Renewable Energy Engineer

Education and Experience

- Bachelor's degree in Electrical Engineering or other related disciplines
- 4+ years experience designing commercial and utility-scale solar PV systems and/or energy storage systems
- PE (Professional Engineer) Licensure or the ability to get one within a reasonable time
- NABCEP certification or willingness to get one

Knowledge and Skills

- Experience with AutoCAD, PVsyst, SKM, ETAP, SEL Relays.
- Experience with industry-standard design codes such as NEC, International Building Codes, International Fire Codes, and other standards relevant to the industry.
- Excellent written and verbal communication
- Strong project management skills and ability to prioritize work and resources
- Extremely organized and meticulous with details
- Ability to work and meet deadlines in a fast-paced environment

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.