



Position Title: PV System Assistant Designer

Position Description

SEI Engineering (SEIE) is a multi-discipline engineering firm affiliated with Solar Energy International. Our mission is to provide the foremost technical expertise in solar energy to empower people, grow businesses, and influence the global PV industry through best practices. SEIE is seeking a self-motivated, PV System Assistant Designer to join our design team full-time.

This position is for an Assistant Designer who can efficiently execute various levels of drafting and analysis relating to the design of PV systems, under the direction and with supervision from SEIE Lead PV System Designer.

The ideal candidate would have the ability to act as a designer for utility, commercial, and residential scale PV design projects. This is a remote or in-house full-time position with some flexibility, however the candidate must be available during typical business hours, be able to communicate effectively, work independently, and collaborate with a remote team using a variety of software.

Candidates will be evaluated as interest is received. Resumes will be received until the position is filled. Send resumes to jeff@seisolarpros.com in PDF format.

Job Duties:

- Participate in the design and development of electrical plan sets
- Learn and enhance SEIE's plan-set template, standards, and best practices.
 - Design equipment layouts, installation details, and single-line diagrams (PV, MV, Auxiliary Power, Monitoring, etc.).
- Identify issues on projects and collaborate with co-workers to execute effective solutions.
- Interact with team members, vendors, and others to create efficient and cohesive designs.
- Generate Single Line Diagrams for utility interconnection application processes.
- Report the status of progress on each project to supervisor on a weekly or daily basis as needed.
- Request technical support as needed on projects
- Occasionally provide estimates of time to perform tasks
- Hold the highest level of integrity in every aspect of the work being performed

Skills and Qualifications:



- High proficiency in AutoCAD required
- Understanding of National Electric Code (NEC) and other applicable codes
- Proven work experience in the Solar PV industry
- NABCEP Certified PV Installation Professional is highly desirable
- Experience with PV system modeling software such as PVsyst, Helioscope and/or Homer is highly desirable
- Ability to perform shading analyses is highly desirable
- Energy storage system design experience is highly desirable
- Ability to follow instruction and quickly learn design techniques and concepts
- Ability to communicate technical knowledge in a clear and understandable manner
- Ability to take initiative and meet project timelines
- Full-time commitment to the position with flexibility based on workload

Compensation:

Based on experience. To be negotiated.