



Job Opening Announcement

Position Title: Electrical Engineer

Position Description

This position is for a licensed Professional Electrical Engineer having significant experience with utility and commercial scale PV projects who can execute various levels of design, analysis, and project management. This position requires medium voltage design and interconnection experience for utility-scale projects.

The Electrical Engineer must be able to act as a lead technical designer and project manager for utility and commercial scale PV design projects with the ability to communicate effectively, work independently, and manage a remote team using a variety of software. The ideal candidate must have proven successful design and project management experience. Energy Storage in addition to PV project experience is preferable.

Current P.E. licensure can be with any U.S. state with the willingness and ability to quickly acquire licensure in other states across the U.S. and adjacent territories. SEI Professional Services will provide licensure support and compensation for ongoing CEU classes.

This position is full-time as an employee of SEI Professional Services with the option to be remote or located near one of our offices in Colorado. 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

- Lead and participate in the design and development of electrical plan sets, including site layouts, installation details, and single-line diagrams (PV, MV, Auxiliary Power, controls, etc.);
- Hold weekly conference call meetings with system Owner/EPC to discuss project related items such as schedules, RFIs, submittals, and other design related issues etc. to keep projects moving forward;
- Perform final reviews and PE approval for all electrical designs and equipment submittals;
- Lead and participate in design related consulting and PV system modeling;
- Oversee and supervise contractors and employees who are performing project tasks by providing technical support and guidance during execution;
- Learn and enhance SEIPS's plan-set template, standards, and best practices;

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- Manage assistant designers and collaborate with sub-consultants as needed;
- Interface with utilities to interpret requirements for the interconnection application processes and the coordination of the final interconnection plan;
- Manage changes to the project scope, project schedule, and project costs;
- Identify issues on projects and collaborate with the client, co-workers, and others to execute effective solutions;
- Interact with team members, clients, vendors, installation contractors, and others to create efficient and cohesive designs;
- Report the status of each project to Senior Managers on a weekly or daily basis as needed;
- Attend weekly management staff meetings;
- Appropriately request financial, legal and technical support as needed on projects and keep on schedule;
- Occasionally provide estimates of time to perform tasks;
- Hold the highest level of integrity in every aspect of the work being performed;
- Track time daily using Timesheets.com or other systems provided by management;
- Have the willingness and ability to work remotely with a tightly integrated team of professionals.

Requirements and Qualifications

- Licensed Professional Electrical Engineer;
- NABCEP Certified PV Installation Professional;
- High level understanding of National Electric Code (NEC) and other applicable codes;
- Proven work experience in the Solar PV industry;
- Medium voltage design and interconnection experience;
- Knowledge of AutoCAD required;
- Experience with PV system modeling software such as PVsyst, Helioscope and/or Homer desired;
- Energy storage system design experience;
- Ability to communicate technical knowledge in a clear and understandable manner, and to act as a project leader of a PV design team;
- Ability to interface with clients in a professional manner;
- Ability to manage sub-station engineers and sub-consultants performing that task;
- Ability to take initiative and meet project timelines;
- Ability to efficiently manage multiple consecutive project tasks and requests;
- Must hold a NCEES record or be willing to quickly establish one.

Benefits

- Annual profit-sharing plan;
- Company provided health care. SEIPS provides a premium health care policy and covers half (50%) of the premium costs per month;

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- The employee shall also be entitled to a health insurance stipend if they do not opt into Company provided health insurance;
- Employee shall have access to take classes at Solar Energy International for professional development in the PV industry;
- Annual office equipment stipend;
- Task related computer software, both in the cloud and on the desktop (i.e. AutoCAD, Helioscope, access to company cloud services, etc);
- Compensation for annual CEU classes for P.E. licensure maintenance;
- Assistance in creation and maintenance of NCEES record;
- P.E. licensure application and ongoing renewal activities (actual license fees are not included).

Direct Supervisor:

Director of Engineering

Compensation:

Based on Experience