



## **Renewable Energy Electrical Engineer**

Washington, DC - Full time

### **Description**

New Columbia Solar (NCS) is looking for a detail-oriented Energy Engineer with proven experience in the solar industry. Responsibilities include design, create, and review Solar PV electrical drawings, providing support to our project management and business development team on technical requests. This position will report to our Director of Engineering.

### **Job Duties**

- Coordinate with customers and 3<sup>rd</sup> party surveyors to collect electrical related site information for use in the design of commercial solar systems.
- Reviewing existing electrical services, as-built conditions and propose best strategy for electrical interconnection for NEM and CREF projects.
- Design and develop electrical drawings using computer-aided design (CAD)
- Coordinate with PEPCO and 3<sup>rd</sup> party engineers to obtain PEPCO approvals to install [ATI] and approval to operate [ATO]
- Manage version control of outgoing drawings for permitting and construction.
- Obtain and review ballast reports and quotes from racking Manufacturer.
- Communicate across multiple departments such as sales, project management, construction, O&M to ensure customer needs and internal deadlines are met.
- Ability to interface with multiple engineering disciplines.
- Well versed in National Electrical Code.
- Perform computer simulation of solar photovoltaic (PV) generation system performance and energy production.

### **Qualifications**

- Bachelor's Degree in Electrical Engineering, with preferred emphasis in software integration and automation, and industrial controls
- Strong verbal/written communication skills
- Minimum of 2 years of experience in the Solar/Electrical industry
- Strong knowledge of photovoltaic systems, NEC requirements, construction practices
- Knowledge of SCADA systems and networking architecture DNP3, Modbus, SEL equipment.
- Computer Skills: Experience with Solar design programs, AutoCAD is a must,
- Strong knowledge of MS Office (including Word, Excel, and Outlook) skills
- Strong time management and organizational skills, willingness, and ability to multi-task, and have attention to detail
- Basic knowledge and understanding of storage & battery systems
- NABCEP certification is a major bonus for compensation

NCS is an equal opportunity, affirmative action employer dedicated to diversity and the strength it brings to the workplace. All qualified applicants will be considered for employment without regard to race, color, age, religion, sex, national origin, protected veteran status, sexual orientation, gender identify, genetic information, disability status, or any other protected characteristic.

### **To Apply**

Email your resume and cover letter to [info@newcolumbiasolar.com](mailto:info@newcolumbiasolar.com) *Please do not call and or email requesting an update.*