



## **Solar PV Engineer**

### **Washington, DC - Full-time employment**

New Columbia Solar (NCS) is innovating the way the District of Columbia is powered. We provide and manage high quality, district-based solar energy systems and are looking for exceptional employees to join our growing team!

### **Description**

NCS is looking for an experienced Solar PV Engineer to provide technical leadership to our team in designing commercial projects. The SPVE will report to the Director of Operations.

### **Essential Duties and Responsibilities**

- Conducting site audit reviews, including structural, solar shading and electrical service analysis.
- Identify and provide documentation for on-site requirements for solar energy production on customer-owned buildings and provide follow-up as required to the customers.
- Coordinate activities between clients, utilities, permit agencies, contractors, and other engineering firms.
- Coordinate with in-house engineers on the construction documents.
- Site specific production analysis of PV arrays using models such as PVsyst, Helioscope, Aurora, PVSIM.
- Highly organized, able to work under tight deadlines and as part of a team
- Prior experience in the solar industry
- Communicating with sales, operations and installation teams to ensure a quick and efficient turn-around in the design of projects.
- Completion of other duties as assigned.

### **Requirements**

- Considered a subject matter expert for commercial solar.

- Highly proficient with AutoCAD with an understanding of layer control, dimensioning and scaling, sheet sets, blocks, xrefs, line weights, plot files, and file transmission.
- MS in electrical engineering, or other related disciplines
- A strong understanding of construction and structural theories is preferred.
- At least two years of solar, electrical or architectural experience is desired.
- A strong comprehension of grid-tied PV systems, NEC and design is a must.

**To Apply**

Email your resume and cover letter to [info@newcolumbiasolar.com](mailto:info@newcolumbiasolar.com)

Due to a high volume of resumes received, our Human Resources is not able to respond to all who apply.

*Please do not call and or email requesting an update*