



Senior 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.

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.
- Designing permit and construction plansets in AutoCAD as well as reviewing others work for quality control
- 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.
- 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

- Highly organized, able to work under tight deadlines and as part of a team
- Considered a subject matter expert for commercial solar.

- Highly proficient with at least 2 yrs of experience in AutoCAD and an understanding of layer control, dimensioning and scaling, sheet sets, blocks, xrefs, line weights, plot files, and file transmission.
- A strong comprehension of grid-tied PV systems
- Proficient in NEC code and electrical design is a must. Applicant must possess intimate knowledge of wire sizing, derating factors, and loss factors.
- 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.
- Strong leadership and management skills is preferred
- NABCEP profession is preferred

To Apply

Email your resume and cover letter to 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