

Model Energy, PLLC is a leading renewable energy engineering consulting firm with experience and expertise in solar, wind and all energy efficiency projects across the United States. Model Energy prides itself on being client focused, providing unparalleled services to contractors, installers, architects, and owners. We service residential, commercial, government and utility markets. Based in Raleigh, NC, we offer a 0%-100% telecommuting option to our employees, which allows us access to the best talent from all over. Currently, we are seeking an experienced Solar Engineer or Solar Designer to support our growing workload.

#### Job Responsibilities:

- Design the electrical systems for ground mounted utility solar PV generation systems.
- Perform calculations for wire sizes, strings lengths, transformer sizes, etc.
- Layout module arrays, electrical equipment, fences, and access paths
- Generate construction details for use in our plans to help installers in the building phase.
- Speak with our clients about project goals, design constraints, and construction objectives.
- Apply state and national codes to our designs to ensure public safety, ensure a smooth permitting process, and to protect owner property and investment.
- Work with and direct designers and CAD techs to get projects delivered in a timely fashion.
- Help manage and train junior staff, serve as a mentor and leader.

#### Qualifications:

- Experienced PV designer capable of taking designs from start to finish with little instruction or aid
- Understanding of utility interconnection requirements
- Can apply codes and local regulations, deal with inspectors and comments.
- Proficient with 2D AutoCAD design, capable to setup architectural sheets in various scales and paper sizes
- Computer literate in Windows, Office, Adobe, and web searching
- Time management for projects, meeting deadlines, personal time management...
- Great communication skills, able to speak with clients in a professional manner, able to get required information for projects in an efficient manner

Please send resume and a description of your CAD experience if not listed in your resume to [admin@modelenergy.com](mailto:admin@modelenergy.com).