



LANDMARK STAFFING

Position: Solar Engineer

Location: Grand Junction, CO

Type: Full Time

Wage: \$120,000 - \$160,000/ year

Key Responsibilities:

- Energy production modeling for SOLar PV projects ranging from 250 kw - 5mw.
- Assess and recommend project equipment, including but not limited to inverters, modules, racking and batteries.
- Evaluate solar technologies and suppliers and provide recommendations for site specific applications.
- Develop detailed layouts and preliminary drawing packages for solar PV systems to support development and execution for rooftop, ground mount, and carport systems.
- Estimate system performance of solar PV projects using Helioscope, or other commercial programs.
- Develop technical specifications and manage scopes of work for engineering firms and contractors.
- Solicit and evaluate equipment specifications and pricing information.
- Coordinate with civil and structural engineering firms, as necessary, to evaluate sites with complex terrain and obtain civil and structural design packages to support permitting requirements.
- Draft single-line and three-line diagrams with required electrical details for solar PV systems in accordance with NEC, IEEE, NESC, utility interconnection tariffs and requirements.
- Occasional travel required with the ability to traverse uneven terrain. Perform evaluations of prospective sites. Attend meetings as needed with prospective customers and vendors.
- Oversee engineering responsibilities through the execution and construction of projects being completed by the construction team.
- Develop and manage relationships with a network of vendors and engineering consultants for the entire life cycle of a project.
- Build and maintain tools for energy modeling, system design, cost estimating, product evaluation, and more.
- Manage utility interconnection and permitting application processes.
- Manage government incentive and utility rebate research and application processes.
- Support training of engineering department personnel.
- Support development of design drawing libraries.
- Additional duties as assigned and/or directed.

Requirements:

- Undergraduate qualification in engineering.
- 3-5 years experience in renewable energy design, engineering and/or construction support.



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- Experience designing grid-connected ground mount solar projects over 250 kw.
- Experience using Helioscope or equivalent modeling software.
- Experience using CAD tools.