



Solar Design Engineer

McCalmont Engineering is seeking a solar design engineer to design and generate construction documents for commercial and utility scale solar PV and energy storage systems.

Responsibilities

- Engineer designs for commercial and industrial PV solar and energy storage systems between 100kW and 100MW+
- Prepare and oversee project electrical design drawings including single line drawings, DC and AC wiring diagrams, electrical site plans and equipment layouts – including providing all supporting calculations
- Assure that designs are Code-compliant
- Participate in site audits as needed
- Meet with customers and provide engineering support
- Prepare proposal and specification documents
- Participate on-site or by phone in answering engineering questions during construction
- Keep abreast of new products for solar and storage (modules, batteries, inverters, racking)

Required Qualifications

- Knowledge of electrical design, materials, and methods of construction in power systems
- BS or MS degree in engineering or technical field or science
- Has successfully passed the Fundamentals of Engineering (FE) exam
- Familiarity with the National Electrical Code
- 5+ years' experience working with AutoCAD with an understanding of viewports, layer control, dimensioning and scaling, sheet sets, blocks, xrefs, line weights, plot files, and file transmission
- Good communication and presentation skills with 3rd party engineers, clients, and owners with both technical and non-technical backgrounds
- Highly organized and able to coordinate delivery of several projects at once
- Proficient with Microsoft suite of products (i.e. Word, Excel, PowerPoint, etc.)
- Strong problem-solving skills

Preferred Qualifications

- Experience designing solar electrical and energy storage systems
- Hands on experience commissioning, testing, and troubleshooting solar PV and/or ES systems.
- NABCEP certification.
- Licensed Professional Engineer (PE) – Electrical
- Medium Voltage engineering experience.



Compensation and Benefits

We offer a competitive salary & benefits commensurate with experience. Benefits include healthcare plans including dental, life insurance, long-term disability and 401(k) plan.

We also offer a 9/80 work schedule (providing every other Friday off), 8 paid yearly holidays and a vacation plan with a starting accrual rate of three weeks.

Equal Opportunity Employer Statement: McCalmont Engineering is an Equal Opportunity Employer (EOE).

If you are interested to join one of the premier companies leading the solar revolution, McCalmont Engineering provides a fun and challenging work environment. Please apply by sending your resume to jobs@mccalmont.net.

About McCalmont Engineering

McCalmont Engineering provides premier design, engineering, and professional services for the solar and energy storage industry, specializing in large and utility-scale photovoltaic and energy storage plants from 100 kW to 100+ megawatts. The McCalmont Engineering team has a wide range of experience in the industry and delivers projects for developers, finance companies, government agencies, EPCs, integrators, architects, and solar manufacturers. As an electrical and solar engineering company with a combined 60 years' experience in the solar industry, McCalmont Engineering is responsible for overall system design, modeling, and specifications; solar engineering including energy production estimation; coordination with the local utility; electrical engineering; stamped electrical construction drawings and final system checkout.