



ELECTRICAL ENGINEER

Flux Energy Systems, an alternative energy consulting company, is looking for an Electrical Engineer to join our team. This is an exciting opportunity for a Professional Electrical Engineer to join a company at its infancy, build an engineering department and set design company design standards. The Electrical Engineer will be responsible for reviewing and completing electrical engineering designs for alternative energy projects. Additionally, as Flux wins more business, more engineers will be hired, so the Electrical Engineer will have the chance to build and lead an engineering department to support the growing business.

Flux is looking for a highly motivated individual who will have demonstrated effective leadership, strong communication, great attention to detail and experience leading a team. The position will be based in Marina del Rey, CA and will report to the President.

Roles and Responsibilities:

- Review and complete preliminary electrical engineering design concepts for solar, fuel cell and other alternative energy projects
- Complete detailed designs including defining wire and conduit types and designing switchboard configurations
- Develop specifications for electrical equipment and components
- Create Bills of Materials
- Lead, train, develop and manage Design Engineers
- Review and approve all internal and external designs prior to customer reviews
- Support the utility transmission and distribution interconnection request process
- Complete ground fault analysis and arc flash evaluations for all projects
- Visit project sites as needed
- Attend team and customer meetings as needed.
- Establish design standards for the company.
- Maintain up-to-date on all applicable regulations and codes including, but not limited to, ANSI, IEC, IEEE and NEC.

Skills and Experience

- BSEE and 7+ years of electrical engineering and design experience.
- Professional Engineering License required
- Experience in AutoCad
- Demonstrated experience with alternative energy generation projects is required.
- Construction experience preferred. Experience performing site visits is required.
- Working knowledge of state and federal regulations and requirements that apply to power generation and construction projects.

- Excellent communication skills, both orally and in writing
- Demonstrated efficiency in coordinating multi-disciplinary tasks and to work cross-functionally
- Must be self starter and to organize work in an independent manner
- Demonstrated leadership with the ability to build a team and establish design standards
- Willing to travel for project related work as required

About Flux Energy Systems:

Flux Energy Systems is located less than a half mile from the water in Marina del Rey easily accessible by the 90 freeway. We are a new company, but our team has a lot of experience in the alternative energy industry. We are looking to complement our leadership with employees who are ready to learn, want to work hard and see a career tied to the growth of our company. We are not looking to get rich quickly, but to build a trusted brand providing clean energy systems throughout the United States. Come join us!

Flux Energy Systems is an equal opportunity employer and makes employment decisions on the basis of merit. We are committed to compliance with all applicable laws providing equal employment opportunities. All qualified applicants, will receive consideration for employment without regard to race, sex, color, religion, national origin, protected veteran status, or on the basis of disability. Flux Energy makes reasonable accommodations, consistent with applicable laws, for the known physical or mental limitations of an otherwise qualified applicant or employee with a disability, who can perform the essential job functions, unless undue hardship would result.