



## **DESIGN ENGINEER**

Flux Energy Systems, an alternative energy consulting company, is looking for a Design Engineer to join our team. This is an exciting opportunity for an engineer to join a company in its infancy. The Design Engineer will be responsible for developing electrical engineering designs for alternative energy projects. The individual will work closely with the Electrical Engineer on all project reviews.

Flux is looking for a highly organized individual who will have demonstrated strong communication and great attention to detail. The position will be based in Marina del Rey, CA and will report to the Electrical Engineer.

### **Role and Responsibilities:**

- Develop preliminary designs 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 for projects
- Provide inputs to electrical engineering designs completed by consultants
- Visit project sites as needed
- Attend team meetings as necessary
- Learn and study applicable regulations and codes including, but not limited to, ANSI, IEC, IEEE and NEC

### **Skills and Experience**

- BSEE or BSME and 3+ years of electrical engineering and design experience
- FE preferred, but not required
- 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
- Eager to learn and incorporate engineering improvements
- Must be a self starter and able to organize work in an independent manner
- Willingness to learn and grow in the alternative energy industry
- 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.