

Electrical Engineer I

About Flux Energy Systems

Flux Energy Systems is an engineering and technical consulting company that assists contractors, developers, and product innovators with solar, battery, and electric vehicle projects. Our expertise in implementation allows us to tackle exciting projects with the newest technologies and aggressive schedules. By collaborating with our clients, we provide the leadership and organization that drives projects to their schedule, budget, and quality targets.

Working at Flux requires the ability to work independently and an eagerness to learn about the alternative energy industry. Our clients move at a fast pace, so we do too. We work hard and efficiently to seek improvements for our team and our clients. Flux is a small but growing company, so there are plenty of opportunities for learning and career growth!

Job Description

Flux Energy Systems is hiring an Electrical Engineer to support our portfolio of solar, microgrid and battery storage projects. This is the perfect opportunity for an entry level electrical engineer or a 1 to 3-year engineering industry professional to work with a variety of exciting, new technologies. You will work under the direct guidance of registered Professional Engineers to support the design of alternative energy systems. The position is based in southern California.

Required Skills and Qualities

- BA or BS in Electrical/Mechanical or related Engineering or Physics
- Strong attention to detail and time management skills
- Willingness to learn and develop an understanding of electrical engineering
- Interest in the alternative energy industry
- Understanding of basic electrical engineering concepts and equipment
- Ability to follow engineering templates to support design
- Comfortable with some of the following: Excel, Word, Acrobat, Bluebeam and AutoCAD
 - Please specify in your cover letter
- Has a personal vehicle and a valid California driver's license

What other skills can you bring to the team?

Position Responsibilities

You will be trained by and work closely with other Flux engineers to perform the following tasks:

- Model power systems in ETAP and CDEGS
- Write and edit engineering reports in Word
- Edit electrical drawings in AutoCAD
- Visit projects under construction and prospective sites to gather engineering data
- Assist with calculations in Excel under guidance from directing engineer

- Support design process by following established procedures and methods under guidance of directing engineer
- Assist in design reviews using Bluebeam Revu

Compensation

Salary is commensurate with experience. Full time employment includes health, dental and vision insurance. Paid time off includes three weeks of vacation and nine company holidays.

How to Apply

Please submit a resume and a customized cover letter to contact@fluxenergysystems.com. We look forward to hearing from you.