

Solar Design Engineer

Tioga Energy is a renewable energy services provider that fast tracks energy independence for commercial, government, and non-profit organizations. The team consists of seasoned, smart and dedicated professionals. Tioga Energy is backed by top-tier investors, who are passionate about building a successful company and driving rapid growth of renewable energy.

Companies and organizations are looking for new ways to manage their energy costs and support their sustainability goals. While solar power systems look like a viable solution, installations are complicated, capital-intensive and time-consuming. Tioga Energy solves these problems by providing a solution that frees its clients from the complexities of buying and installing a solar facility. Tioga purchases, installs and maintains solar power systems on its client's rooftops or property, and sells the electricity the systems generate to its clients at long-term guaranteed rates through Power Purchase Agreements, or PPAs. PPAs have become the leading way in which commercial-scale solar power systems are deployed in the United States.

Position Summary

Tioga Energy is looking for a smart, technically-savvy, and resourceful Solar Design Engineer to support our internal and external Customers. This position will be an instrumental team member of our Operations dept. Candidates will be highly motivated individuals who can thrive in a dynamic, high growth, start-up environment and industry.. This position offers a great opportunity for professional growth for the right individual. This position reports to the VP of Operations.

Job Responsibilities

- Develop preliminary solar layouts to support sales
- Develop complete detailed solar designs for construction
- Review utility and site information to assess solar capabilities and electrical interconnection.
- Perform site visits for electrical and suitability for solar design, placement and interconnection
- Perform shading analysis
- Review partner drawings for code compliance and design review
- Perform commissioning of solar projects on completion
- Work with suppliers and manufactures to innovate solar design and components

Specific Skills and Experience Sought

- Familiarity with electric power distribution systems
- Detailed understanding and working knowledge of NEC
- Understanding of utility rebate programs
- Excellent customer service skills
- Familiarity with solar electric, on-site energy generation, and/or energy efficiency technology and economics
- Mastery of CAD, Microsoft Project and Excel
- Experience with a start-up in a new industry preferable
- Motivated team player

Requirements

- A bachelor's (or advanced) degree in engineering, electrical or related technical discipline solar related
- Minimum 2 years experience in solar design or energy field will be considered
- Excellent written and oral communication skills
- Must be passionate about the renewable energy space
- Travel required depending on our solar sites. Up to 20%.

Location

San Mateo, CA

Interested?

Send your resume (Subject: Solar Design Engineer) to jobs@tiogaenergy.com