

Electrical Engineer



Job Summary

SunPeak, a Madison, Wisconsin-based solar photovoltaic (PV) developer is looking for a full-time Electrical Engineer to lead the Engineering Group and design photovoltaic solar systems. Exceptionally qualified individuals will have the opportunity to be a part of a company willing to invest in the right, motivated person with nearly unlimited potential in growth.

Essential Job Functions

- Design photovoltaic solar systems and their interconnection to facilities.
- Develop construction drawings with the aid of CAD drafting personnel.
- Develop construction specifications based on industry standard specification tool.
- Cost estimate creation using the online RSMeans tool and cross-verifying with contracting partners.
- Work with and manage engineering consultants for disciplines and areas where SunPeak is not licensed or competent.
- Become a licensed Professional Engineer and get licensing in various areas of the country.
- Support Business Development department with engineering related requests, such as preliminary designs, feasibility studies, cost estimating, and technical support items.
- Research new technologies and keep on top of current industry trends.
- Establish a standard system architecture for PV solar systems, including standard system components to be used in current and future projects.
- Participate in corporate initiatives and improvements.
- Collaborate with other corporate disciplines, such as Business Development, Construction, Project Management, Marketing, Safety.
- Technical writing, including standard operating procedures.

Requirements

- Minimum Bachelor's Degree in Electrical Engineering.
- 3-5 years of engineering design/consulting experience preferred.
- Must have passed Fundamentals of Engineering Exam or have plans to pass it in the near future.
- Must be capable of getting Professional Engineer License when experience permits, including adequate references.
- Knowledge of proper office procedures and tools.
- Excellent verbal communication and writing skills.
- Professional composure in all company contact.

- Self-directed organizational skills.
- Must be able to adapt and adjust quickly to changes.
- Able to work in heat, cold, rain environment.
- Must be able to stand, kneel, crouch, twist, work in tight areas, and climb a ladder.
- Must be able to travel.
- Must be able to work in an office with coworkers.

Compensation and Benefits

This is a full-time position with competitive pay and benefits.

To apply for this position, please send a resume and cover letter to careers@sunpeakpower.com.

More about SunPeak

SunPeak is a commercial solar PV developer headquartered in Madison, Wisconsin. We have the capability to professionally assess feasibility, design, engineer, install, commission, and maintain solar systems that provide decades of emission-free electricity from the sun. SunPeak has installed some of the largest solar projects in the Midwest and is quickly expanding its customer base throughout the nation.

Our company is built on a strong work ethic and has a team-oriented culture. We provide our employees with the tools and mentoring to grow and succeed in their careers. Solar energy is one of the fastest-growing industries in the nation with limitless potential in the future. We believe that clean energy can and should be available to everyone. If you desire to join a team of dedicated individuals and have a positive impact on our environment, we want to hear from you!