

Solar Technician



Job Summary

SunPeak, a nationally-recognized commercial solar developer, is looking for a full-time Solar Technician to join its team. The ideal candidate will share our values of excellence and integrity and will be interested in contributing their skills in a key role.

The Solar Technician is responsible for performing quality control, commissioning, and maintenance duties on installed SunPeak solar photovoltaic (PV) systems. This position reports to the Director of Quality Assurance and works closely with members of the Project Development and Project Execution teams. A successful candidate would have an opportunity for promotion.

Primary Responsibilities:

- Perform quality inspections of new solar installations
- Full commissioning duties of new solar installations
- Use remote monitoring platforms to analyze customer PV system performance
- Troubleshoot issues with installed PV systems
- Perform on-site system repairs
- Communicate with clients, vendors, and suppliers
- Engage with engineering, construction, and subcontractors
- Perform site assessments for new project locations
- Document procedures and best practices, implementing solutions for greater efficiency and quality whenever possible

Education and Professional Credentials:

- Solar-specific training/work experience
- Degree in STEM-related field (Science, Technology, Engineering, Math) (preferred)
- NABCEP certified (preferred)
- 2+ years as licensed electrician (preferred)
- Journeyman-level electrician (preferred)
- OSHA30 certification

Preferred Work Experience:

- 2+ years in an advanced solar technician position
- Experience managing subcontractors

Knowledge, Skills and Abilities:

- Advanced knowledge of PV system components and operation
- Expertise in solar commissioning procedures:
 - Construction quality inspection experience
 - Applied knowledge of solar PV system components, including:
 - Inverters
 - Racking – both ballasted and anchored
 - Knowledgeable about pitched and flat roof applications (standing seam, asphalt shingle, clay shingle, TPO/EPDM)
 - DAS component familiarity: CTs, meters, weather sensors, relays
 - IT/Network setup: Router/switch, cell modem, IP configuration, VPN access
- Proficient with solar troubleshooting techniques
- Usage of specialized tools: Multimeters, torque wrenches, I-V curve tracer, megger, data tester, RJ45 crimper, oscilloscope, GPS survey tool
- Understanding of facility electrical infrastructure, single-line diagrams
- Adherence to construction and electrical safety protocols
- Detailed understanding of electrical means and methods
- In-depth knowledge of NEC code requirements
- Knowledge of low voltage electronics and control wiring
- Management of work order ticketing system
- Ability to manage many projects simultaneously
- Experience with data analysis techniques
- Outstanding written and verbal communication skills
- Versed in MS Office, Outlook, and construction software applications
- Team-oriented mindset with strong leadership, communication, and interpersonal skills
- Ability to propose and lead continuous improvement initiatives related to position
- Process and detail oriented

- Conducts duties with professionalism and exercises good faith and high integrity
- Valid driver's license
- General travel experience

Physical Requirements:

- Comfortable working at heights
- Comfortable with frequent ladder use
- Ability to perform outdoor work in diverse climate conditions (heat, cold, snow, etc.)
- Ability to travel, locally and out-of-state
- Ability to lift 80 pounds
- Willing to work longer days, off hours, and weekends at times

Compensation and Benefits

This is a full-time position. SunPeak provides a competitive compensation package including health insurance, life/disability insurance, dental, vision, paid time off, and 401K. Additional individual and/or team bonuses may also be available based on individual merit and/or overall company success. Travel expenses are paid per diem based on local rates.

More about SunPeak

SunPeak is a commercial solar PV developer headquartered in Madison, Wisconsin. We have the capability to design, engineer, install, commission, and maintain solar systems for commercial customers that will 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 focused on safety and quality. In addition to providing a friendly and professional workplace, SunPeak fosters a culture of collaboration and process excellence.

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, you may be an excellent fit for our team.

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