

Commissioning Manager



Job Summary

SunPeak, a commercial solar provider based in Madison, is looking for a full-time Commissioning Manager to join its team.

This position works with the broader Project Execution team to ensure SunPeak solar photovoltaic (PV) systems meet the requirements of project stakeholders. The commissioning manager will perform quality assurance and quality control (QAQC) inspections, facilitate commissioning procedures, verify component operations, and ensure quality and safety are maintained as projects transition from the construction team to the Operations and Maintenance (O&M) team. Ideal candidates will have technical aptitude, previous solar field work experience, and will be eager to learn from and contribute to an outstanding team.

SunPeak is a growing company and this position will have opportunities for promotion.

Primary Responsibilities:

- Perform quality inspections for new solar installations
- Perform or oversee testing procedures for DC, AC, and SCADA scopes
- Engage with AHJs, clients, subcontractors, and utilities to complete PV commissioning protocols
- Work with internal and external stakeholders to compile commissioning documentation
- Install, troubleshoot, and repair issues identified during system commissioning
- Support Operations & Maintenance (O&M) team with portfolio of installed systems
- Document procedures and best practices, and implement solutions for greater efficiency and quality whenever possible
- Use remote monitoring platforms to analyze customer PV system performance
- Provide owner training and technical support for commercial system owners

Education and Professional Credentials:

- Previous field electrical work experience or training (preferred)
- Associate degree (or equivalent training or work experience) in a technical field or STEM (Science, Technology, Engineering, Math) pathway (preferred)
- NABCEP certified (preferred)
- OSHA30 certification (can be obtained within 6 months of hiring)

Preferred Work Experience:

- 2+ years in a solar technician position

Knowledge, Skills and Abilities:

- Advanced knowledge of PV system design, operation, and troubleshooting
- Understanding of single/three-phase electrical systems, NEC, grounding & bonding
- Expertise in solar commissioning procedures, interconnection requirements, utility testing, and performance validation
- Construction quality inspections and punch list generation
- Applied knowledge of solar PV system components, including:
 - Inverters: Solar-edge, SMA, CPS, Solis, Delta, Fronius
 - Racking: Rooftop & Ground mount: KB, Panel Claw, Schletter, Iron Ridge, Unirac, OMCO, Terrasmart, Polar, DCE
 - Data Acquisition Systems: Solar-log, Also Energy, eGauge
 - SCADA: CTs, meters, weather sensors, relays
 - IT/Network setup: Router/switch, cell modem, IP configuration, VPN access
- Use of job-specific tools: Multimeters, torque wrenches, I-V curve tracer, megger, data tester, RJ45 crimper, thermal cameras, drone
- Experienced with MS Suite, construction software platforms, and AI tools
- Outstanding written and verbal communication skills
- Strong analytical, diagnostic, and problem-solving skills
- Team-oriented mindset with strong leadership, communication, and interpersonal skills
- Ability to propose and lead continuous improvement initiatives
- Conducts duties with professionalism and exercises good faith and high integrity
- Valid driver's license

- Adheres to construction and electrical safety protocols

Physical Requirements:

- Comfortable working at heights
- Comfortable with frequent ladder use
- Ability to perform outdoor work in diverse climate conditions (heat, cold, snow, etc.) as needed
- Ability to lift 50 pounds
- Frequent day travel; occasional overnight stays

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.

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