



**JOB TITLE:** Solar Electrician III – Commercial & Industrial Lead Electrician

**LOCATION:** All

**JOB TYPE:** Full-time, Permanent

**JOB SUMMARY:** The Solar Electrician III is a licensed professional serving in a field management position leading the electrical work on commercial solar projects. Good candidates will have 5+ years of experience in the commercial and industrial electrical trades, preferably in leading roles, and a valid electrical licensure. This is primarily a field-based position with a focus on job site execution, adhering to existing processes, adhering to current National Electrical Code standards, and accepting direction from site and project management. The position requires electrical contracting knowledge, experience performing contracting work in the commercial sector, effective communication skills, strong organizational skills, and a willingness to travel overnight. The Solar Electrician III will maintain a clean work environment, plan balance of system components installation, and interact with clients. The position involves supervisory responsibilities. Candidates must have or complete OSHA 30 certification and OSHA 70E training before starting in the field. This position can evolve into other relevant positions within Envinity such as Solar Designer I or II, Construction Manager, or Project Manager. Envinity will train on the job and provide self-guided training opportunities.

#### **GENERAL JOB TASKS**

- Lead the electrical installation of solar photovoltaic systems in accordance with codes and company/industry standards using drawings, schematics, and instructions.
- Provide onsite supervision of company approved subcontractors and electrical team members.
- Coordinate and schedule residential code inspections, make required corrections promptly and reschedule inspections as needed. Promptly submit permit paperwork back to Solar Permitting Manager.
- Prepare for upcoming jobs by reviewing project estimates and designs.
- Coordinate with the warehouse manager to maintain inventory and have materials ready for installation.
- Conduct site visits to plan for upcoming installations.
- Estimate labor and materials for select projects such as EV charging stations.
- Provide onsite supervision of company approved subcontractors.
- Install EV charging systems and home battery storage systems.
- Adhere to daily/weekly schedules and budgets for project activities directed by the residential operations manager.
- Maintain Envinity standards of quality control, client communication and client satisfaction.
- Extend a high-level service to our clients representing Envinity in a courteous, punctual, and professional manner.
- Be part of a friendly, communicative part of an installation team.
- Utilize company provided communication tools.
- Complete overhead tasks or other duties as assigned



- Must follow company standards and practices, adhering to company safety policy, knowledge of OSHA safety standards, and understand the importance of maintaining a clean job site and clean vehicles.
- Participate in site hazard reviews.
- Follow established safety rules and regulations.
- Report near misses and incidents to the site manager and complete incident report form.
- Support Envinity's purpose (Decarbonize our Build Environment) and Core Values (SIMPLY Envinity: Sustainable; Impassioned leadership, Mindful, open & honest; Playfully productive' Look out for others, Yearn to learn).

## **SELECT SITE TASKS**

The Solar Electrician III is expected to perform all the following as part of their role:

- Follow current National Electrical Code state and local building regulations.
- Complete quality assurance inspections, documenting corrective actions, and ensuring completion of corrective items within reasonable timelines.
- Place conduit, pipes, or tubing, inside designated partitions, walls, or other concealed areas, and pull insulated wires or cables through the conduit to complete circuits between boxes.
- Work from ladders, scaffolds, or roofs to install, maintain, or repair electrical wiring, equipment, or fixtures.
- Connect wires to circuit breakers, transformers, or other components.
- Maintain or obtain current electrician's license or identification card to meet local governmental regulations within first year of employment
- Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.
- Assess electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.
- Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools to locate the cause of a breakdown and correct the problem.
- Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes.
- Install ground leads and connect power cables to equipment.
- Inspect transformers and circuit breakers and other electrical components.
- Repair and replace equipment, electrical wiring, or solar (PV) fixtures.
- Identify solutions to resolve technical design problems, including electrical systems used during construction.
- Assemble solar modules, panels, or support structures, as specified.
- Identify and resolve any deficiencies in photovoltaic system installation or materials.
- Assist with programming, adjusting, or configuring inverters and controls for desired set points and operating modes.
- Determine materials, equipment, and installation sequences necessary to maximize installation efficiency.
- Assist in preparation for projects by loading vehicles, gathering inventory, maintaining tools, etc.
- Assist in routine photovoltaic (PV) system maintenance on modules, arrays, batteries, power conditioning equipment, safety systems, structural systems, weather sealing, or balance of systems equipment.



- Adhere to company and external requirements for documenting work on site (third party QC checklists and Envinity project management software).

## POSITION REQUIREMENTS

- Experience in the solar or electrical contracting industry.
- Currently possess or can obtain Master Electrician licensure within the first year of employment.
- OSHA 30 certification.
- NFPA 70 E Certification.
- NABCEP PV Installation Professional certification or can obtain it within the first year of employment.
- Expert understanding of electrical wiring, conduit sizing, and pipe bending.
- High level of knowledge in building and electrical codes.
- Ability to travel overnight on occasion.
- Basic carpentry experience related to the electrical trades.
- Ability to read and understand electrical and structural plans and interpret field layouts.
- Ability to perform physical activities that require considerable use of your arms and legs and moving your whole body, such as climbing, lifting, balancing, walking, stooping, and handling of materials.
- Perform physically demanding tasks, such as digging trenches to lay conduit or moving or lifting heavy objects (up to 50 lbs.).
- Comfortable working at heights and on ladders.
- Experience running, maneuvering, navigating, or driving vehicles or mechanized equipment.
- Must be committed to safe working practices, adhering to company safety policy, knowledge of OSHA safety standards, and understand the importance of maintaining a clean job site and clean vehicles.

## PAY AND BENEFITS

- Competitive wages based on experience.
- Retirement with 3% company match.
- Health, vision, dental insurance.
- Paid time off in accordance with current company policy.
- Rollover paid time off in accordance with current company policy.
- 20 hours Inclement Weather annually.
- (8) paid holidays per year.
- Signing bonus to support the purchase of basic tools.

## SUBMITTALS

- Resume
- Cover Letter

Submit resume and cover letter to [Envinitycareers@envinity.com](mailto:Envinitycareers@envinity.com) and include the subject line, "Solar Electrician III."



Envinity is an inclusive, equal opportunity employer. Our goal is to hire great humans regardless of race, color, religion, sex, sexual orientation, gender identity, national origin, veteran, or disability status; or other characteristics protected by law. Envinity highly encourages all women, minority groups, individuals with disabilities and veterans to apply.

Employment offers with Envinity are contingent upon successfully completing Motor Vehicle and criminal background checks. Envinity is an at-will employer.

