



**Position Title:** Apprentice Electrician

**Location:** Massachusetts

**Classification:** Hourly, Non-Exempt

**Reports to:** Director of Commercial Operations

**Job Description:**

Function as an Electrician Trainee, under a certified or licensed Electrician for SunSystem Technology. Assist electricians with installing new electrical solar systems and repairing existing electrical solar systems while maintaining compliance with national, state and local electrical codes along with all SunSystem policies and procedures. Support activities at commercial, industrial, institutional and residential locations.

**Responsibilities:**

- Use industry related hand tools and power tools, under supervision.
- Assist the Electrician with measuring, cutting, bending, threading and installing wire and electrical cable systems, conduit systems and other wire raceway systems.
- Assist the Electrician with wires and cables within control centers, distribution boxes, transformers, transducers, switch gear, receptacles, switches etc.
- Work with an Electrician to splice and terminate wires at junction points.
- Duties include cleanup, gathering and transporting materials to electricians on the construction site.
- Communicate effectively with Foremen and crew members
- Maintain workflow schedule to ensure all SunSystem productivity objectives are met.
- Demonstrate the highest level of professionalism and courtesy when interacting with colleagues, customers and vendors.
- Adhere to all SunSystem Technology's safety policies and procedures.
- **SKILLS AND EXPERIENCE (Dependent on level of completion):**
- Currently an Electrician Trainee, enrolled or working on enrollment in an approved Electrician Trainee program (in accordance with the applicable state regulations)
- Knowledge of electrical theory, basic circuits, branch circuits and specialty systems.
- Knowledge of magnetic induction, three-phase transformers, conductors and wiring methods.
- The ability to read and understand electrical single line blueprints.
- Familiar with aspects of operation, maintenance, and repair of electrical systems.
- Knowledge of tools and equipment and how to safely use them.
- Troubleshoot, maintain, service, and repair residential solar systems and associated equipment to ensure 100% customer satisfaction.
- Interact with customers and coworkers at a professional level, able to work both independently and as part of a multi-tasking team.
- Perform remote on site customer services, including installing, commissioning, troubleshooting and repairing of residential and commercial solar systems and related equipment.
- Carry out on site root cause analysis on system failures.



**Educational, professional and/or other requirements:**

- 2-3 years as an Apprentice Electrician
- Preferred but not required 2+ years of experience in solar field operations (installations/service).
- Ability to troubleshoot and solve problems independently.
- Flexibility to shifting priorities and changing environments.
- Motivated, responsible, accountable, and punctual are must have traits.
- Knowledge and ability to use basic hand and electrical tools.
- Knowledge of Electrical Theory and Codes.
- Ability to work at heights and rooftops.
- Ability to lift and move objects up to 70lbs.
- Ability to travel up to 25%, some nights and weekends may be required.
- Clean driving record.
- Demonstrated ability to troubleshoot electrical systems.
- Ability to learn to configure and repair communication hardware and software.
- Good communication skills, use of standard work related PC programs.
- Computer skills, using office programs to generate timely reports.
- Ability to innovate and improve operations and solve complex problems.
- Thrive in a team environment.
- High integrity and energy a must!

**Desired Qualifications:**

- NABCEP Certification.
- Prior Residential Solar experience.

**Benefits for Full-Time Positions:**

- Competitive hourly wages with benefits
- Career path opportunities for top performers

SunSystem Technology is an Equal Opportunity Employer committed to diversity in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, national origin, disability, protected veteran status, gender identity or any other factor protected by applicable federal, state or local laws.

Interested candidates please email resumes to Shawn Austin: [saustin@sstsolar.com](mailto:saustin@sstsolar.com)