



**Job Title:** Power Electronics Technician

**General Description**

As Power Electronics Technician, you will assist in the fundamental phases of design, prototyping and testing of electrical and electronic power distribution systems

**Education / Requirements**

- Associates or Bachelor of Science in Electronics
- At least 4 years of experience working in advanced R&D electronics development
- Working knowledge of high voltage DC, renewable energy sector, power distribution, energy management, utility company, power electronics.
- Experienced in the advanced design and development of AC-DC rectifiers, DC-DC regulators, and DC-AC Inverters.
- Analyze, troubleshoot, install and repair electrical systems on existing AC and DC power generation equipment and loads
- populate, solder and test prototype PC boards; troubleshoot to component level switching power supplies, regulators, data drivers and signal processors
- design and build test circuits such as timers, relay & LED drivers and data communication interfaces
- perform test and calibration procedures on prototype production products
- use a wide variety of hand tools, instruments, wiring diagrams, blueprints, schematics, and manuals in performing electrical maintenance
- Must be able to program LabView for development and implementation of software
- Highly proficient Project Management skills
- Knowledge of root cause analysis, corrective and preventive action, analytical problem solving and trouble-shooting, Lean Tools, Standardization
- Superior interpersonal skills
- **Possess unrestricted authorization to work in the United States**

**Specific Requirements**

- You must possess a private driver's license, pass an employment test and undergo a reference or security check.

**Additional requirements:**

- To be considered for the position applicants must describe their experiences with all of the responsibilities listed in the job description; the software packages you have worked with; your ability to reference National Electrical Codes; your working knowledge of complex electrical / electronic equipment and circuits, ability to read and edit complex materials, checklist, blueprints, and diagrams.

**Salary Range**

- Commensurate with experience. Budgeted (\$40K – \$50K)