



Service Technician – Level 1 (Entry level)

Tri-Force Energy is a solar technical services firm, specializing in inspections, testing, and repairs of commercial and utility scale solar with locations in New Jersey, New York, and Pennsylvania. Our clients include solar system owners, asset managers, and installation contractors who seek third-party skilled labor to help promote the long-term quality of their installations and maximize system production during the 20+ year operation of a solar system.

Typical Daily Job Duties

We are seeking individuals at all levels of experience with a high aptitude in technical thinking, physical fitness, and positive attitude to join the team. We are a team that works together to support each other (Technicians), the sites we service (Clients), and standard we set as an industry leading company (Tri-Force Energy)

- Perform and document solar system inspections, testing, and repairs including Construction Quality Control (QCI), Preventative Maintenance Inspections (PMI), Commissioning (CX), Troubleshooting and repairing solar electrical equipment, and Remove/Re-Install (R&R) solar electrical equipment and systems.
- Inspecting systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair to ensure compliance with codes.
- Test AC & DC electrical circuits in equipment, switch gear, distribution panels, disconnects, inverters, etc., using testing devices such as infrared thermal cameras, IV curve tracers, multimeters, etc.
- Install and maintain monitoring systems and weather station equipment
- Complete daily field service reports, Infrared (IR) imaging reports, I-V curve tracing reports for scheduled jobs assigned.
- Ensure the service vehicle, tooling, electronics, software, and company property issued are accounted for and well taken care of.
- Attend electrical & PV system continuing education training courses.
- Work safely and in accordance with OSHA / NFPA.
- Provide support for the ongoing development and improvement of our service team.
- Communicate with coworkers, clients, and company management.
- Manage personal timecard accurately and in good faith.
- Maintain company provided tools, gear, and Personal Protective Equipment (PPE)
- Be willing and able to work during normal business hours (Monday to Friday, 8am to 5pm).
- Be willing and able to work outside normal business hours from time-to-time.

Required Qualifications

- 1+ years' experience in electrical and/or mechanical industry.

- Basic understanding of how solar energy systems work.
- OSHA 10 for Construction Certificate
- Ability to travel overnight and out of state for short periods of time.
- Must have and maintain a valid US driver's license with a clean driving record.
- Must maintain a personal vehicle to drive to and from job locations.
- Must be reachable by mobile phone during normal business hours (Monday to Friday, 8am to 5pm).
- Must be able to pass a background check and drug screen.
- Must be able to continuously climb ladders and stairs, lift 100 pounds, and be able to work on your feet for extended periods of time.
- Must be able to work outdoors in extreme environments.
- Must be extremely organized and able to communicate well both verbally and written with clients and field service team.
- Proficient use of smart phones, tablets, and computers.
- Proficient in typing, emailing, basic arithmetic, reading, and researching.

Preferred Qualifications

- Diverse background and cultural values
- 1+ years of Commercial Solar inspection or maintenance experience.
- Associates or bachelor's degree
- NABCEP PV Certificate
- OSHA 30 for Construction Certificate
- Formal training certificate or degree in electrical field
- NFPA 70E Training
- Fall Protection Training
- Aerial Lift Training
- CPR / First Aid Certification

Compensation and Benefits

We offer a competitive wage & benefits commensurate with experience. Benefits include healthcare plans, long-term and short-term disability, life insurance, dental & vision.

Please note: Potential candidates will meet the education and experience requirements provided in the above job description and excel in completing the listed responsibilities for this role. All candidates receiving an offer of employment must successfully complete a background check, pre-employment drug screen, and any other test that may be required for the role.

Equal Opportunity Employer Statement: Tri-Force Energy and its subsidiaries are an Equal Opportunity Employer (EOE) that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, national origin, veteran status, disability, sexual orientation, or gender identity. We recognize that diversity and inclusion is a driving force in the success of our company.