



3026 Owen Dr, Ste 104 • Nashville, TN 37013
615-641-4050 • lightwavesolar.com

Electrician

Location - Nashville, TN

Job description:

Come work in the exciting industry of Solar! Benefits offered for full-time employees include paid time off, paid holidays, company-paid medical insurance, opportunities for professional development and certification, 401(k) retirement plan with company match and more! We offer competitive pay and benefits and currently have an immediate opening for an experienced Electrician in Middle Tennessee.

Responsibilities:

- Perform electrical work for the installation of solar PV systems on commercial, utility, and residential properties, ensuring compliance with local and national electrical codes.
- Install and wire inverters, solar panels, and other electrical components for solar arrays, integrating them into existing electrical systems or new builds.
- Work with grid-tied, hybrid, and off-grid solar systems, including battery storage installations.
- Inspect, maintain, and troubleshoot solar PV systems and electrical infrastructure to ensure optimal system performance.
- Diagnose electrical and system issues, using tools like multimeters, IR cameras, and data monitoring platforms.
- Repair or replace faulty components such as inverters, electrical panels, disconnects, or wiring.
- Collaborate with project managers, engineers, and other team members to deliver efficient and sustainable solar energy solutions. Systems range from 1kW to multiple MW and include grid-tied, off-grid, and hybrid/battery storage set up.

Minimum Requirements:

- High school diploma or equivalent
- Valid Electrician's License in the state of TN
- Proven experience (3+ years) as an Electrician, with a focus on solar installations.
- Hands-on experience with residential, commercial, and utility-scale solar PV systems
- Thorough knowledge of the NEC Code and the ability to use and reference the Code as required.
- Thorough knowledge of reading and applying blueprints and specifications
- Aptitude in troubleshooting electrical and solar systems
- Excellent communication skills, both written and verbal

Members of:





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- Tolerance wearing PPE for extended periods of time.
- Safely climb and work from significant heights and exposed areas.
- Work in various weather conditions, which can include extreme heat, cold or wet weather.

Preferred:

- Vocational or technical school training in electrical work
- NABCEP PV Installation Professional certification or equivalent
- Part-107 drone license

About LightWave Solar:

Lightwave Solar, LLC (LWS) is a seasoned provider of turnkey solar installations and O&M services. Founded in 2006, LWS quickly established itself as the most trusted solar installer in the TVA area. To date, Lightwave Solar has completed over 1,800 solar installation projects for businesses, municipalities, and homeowners.

Job Type: Full-time

Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Employee assistance program
- Employee discount
- Health insurance
- Health savings account
- Life insurance
- Paid time off
- Professional development assistance
- Referral program
- Vision insurance

LightWave Solar is an equal opportunity employer and does not unlawfully discriminate against employees or applicants for employment on the basis of an individual's race, color, religion, creed, sex, national origin, age, disability, marital status, veteran status, sexual orientation, gender identity, genetic information, or any other status protected by applicable law. This policy applies to all terms, conditions, and privileges of employment, including recruitment, hiring, placement, compensation, promotion, discipline, and termination.