

Central Inverter / BESS Technician Location – Bakersfield, CA

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, annual profit sharing, opportunities for professional development and certification, 401(k) retirement plan with company match and more!

We offer competitive pay and benefits and are currently looking for a **Central Inverter/BESS Technician** with a Journeyman and C-10 electrical license. A successful candidate should have experience in installation, operation, maintenance, troubleshooting, and optimization of battery energy storage systems (BESS) integrated with central inverters; however, we will train the right candidate. The position will require extensive travel and extended overnight stays.

Responsibilities:

- Perform preventive and corrective maintenance on Battery Energy Storage System (BESS) equipment including battery racks/modules, power conversion systems (PCS), cooling systems, controllers, and associated electrical components.
- Conduct scheduled inspections, testing, calibrations, and diagnostics on BESS units in accordance with maintenance procedures and commissioning requirements.
- Troubleshoot electrical, mechanical, and communication faults within BESS units using standard diagnostic tools to identify root causes and restore system operation.
- Execute corrective repairs and component replacements to minimize system downtime and maintain operational reliability.
- Perform safe lockout/tagout (LOTO) procedures and follow established electrical safety practices when working on BESS equipment.
- Support commissioning and pre-commissioning activities including system startup, firmware/software updates, configuration verification, and functional testing.
- Verify system alarms, communications, and operational status during service and commissioning activities.

Minimum Requirements:

- High school diploma minimum; associate/bachelor's in electrical engineering or related preferred.

Members of:





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- Four (4) years of experience installing, servicing and maintaining electrical systems
- Journeyman electrician license required for hands-on electrical work
- Proficiency in BESS components (inverters, batteries, controls), power electronics, electrical safety, SCADA, high-voltage switching (HV/MV/LV), and tools for testing/repair
- Current C-10 license is preferred; however, if unlicensed, candidate must obtain license within 6 months from date of hire as a condition of employment.
- Must have valid driver's license and clean MVR as job requires heavy travel.

Preferred:

- Full NABCEP PV certification preferred
- OSHA 10 or 30-hour certification.

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 1,700 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.