

Solar Technician - U.P.

Full-time

Base Location: Bahraich, Uttar Pradesh

Reporting Line: CTO

Start date: ASAP



About Oorja

Oorja is a young and growing company based in New Delhi, tackling some of the most pressing challenges in the energy sector today: renewable energy expansion and rural electrification.

We install off-grid solar energy systems – mini-grids, irrigation pumps and cold storages – and sell energy services to farms and small businesses. We aim to boost rural livelihoods and quality of life by providing clean, reliable and affordable energy access in weak-grid rural areas of India. We currently operate in Uttar Pradesh and Assam, with plans for scale-up and expansion in other relevant markets. We are a dynamic international team and are driven to address energy poverty, bring about local economic development and combat climate change.

Role Background

Oorja is seeking a Solar Technician to handle installation, commissioning, repairs and maintenance for its solar systems installed in Bahraich, Uttar Pradesh. The Solar Technician must be able to work independently to achieve targets within set timelines and be highly motivated by customer satisfaction.

Roles and Responsibilities

For this position, you will be expected to serve a key role in our Engineering team. Your responsibilities include, but are not limited to:

- Conduct installation, integration, testing and commissioning of new on-grid and off-grid solar systems and appliances (pumps, agroprocessing equipment, cold storages, etc.); conduct electrical and mechanical work and construction; supervise civil works; check electrical installation for sound wiring, polarity, grounding and integrity of terminations
- Operate and conduct routine maintenance on solar irrigation pumps, mini-grids, cold storages and other solar-powered systems, including but not limited to cleaning and upkeep of PV modules, mounting structures, balance of systems equipment, inverters, charge controllers, battery banks, power meters, distribution network, safety systems, pumpsets, AC and BLDC motors, appliances and other ancillary equipment, to ensure systems meet the performance and reliability needs of customers
- Stay close to and travel frequently to all project sites and adhere to O&M guidelines provided through in-house training and technical manuals and to all applicable standards and safety requirements
- Diagnose and troubleshoot any technical problems with generation, storage, distribution, metering or consumption in solar systems; check, inspect, configure, replace, install and test different components; conduct minor repairs or issue replacement parts within 48 hours of first notification; keep record of technical issues and prepare monthly technical report for reporting to Management
- Measure and record system performance, operating parameters, maintenance and other relevant data from project sites and customers in a logsheet upon every site visit; provide regular

written technical reports in the company's prescribed format to the Operations Manager; participate in team calls; provide the Management team with field insights regarding the technology, customer behaviour and challenges faced during operations

- Coordinate with suppliers and distributors for repair or replacement of equipment and spare parts.
- Escalate major faults and malfunctions or unresolved technical issues to the Operations Manager as soon as possible, together with necessary evidence (photographs, videos, field reports, diagrams, etc.) for filing of warranty claims; liaise with equipment suppliers to repair and resolve technical faults or replace equipment and appliances
- Provide Oorja senior management with photos, information, stories and blog posts to contribute to the brand at least 2 times per month

Qualifications & Abilities

*ITI or university degree in electrical engineering from a recognised institution

*2+ years of hands-on experience handling solar PV installations and troubleshooting in a rural environment

*Good knowledge of electrical system components and their integration, including PV, controllers, batteries, wiring, grounding and earthing; knowledge of AC induction and BLDC motors and cooling systems will be a benefit

*Good IT skills (Microsoft Word and Excel)

*Native Hindi; spoken and written command of English is desirable

*Ability to self-motivate and drive to work independently

*Highly motivated by customer happiness

*Valid driver's license

Reporting Relationships

- Reports to Chief Technology Officer

Benefits

- Ownership over diverse set of tasks with high level of responsibility
- You will join a dynamic, motivated and fast-growing team with excellent potential for your personal growth and development
- Strong social and environmental impact of your work

Contact

Dr Clementine Chambon

CTO, Oorja Development Solutions India Private Limited

How to Apply

Please fill the application form at www.oorjasolutions.org/apply-now before 4 January 2021, and don't forget to attach your CV or resume so we can consider your application. More information about Oorja can be found at www.oorjasolutions.org.

Equal Opportunities and Non-Discrimination Statement

Oorja Development Solutions India Pvt Ltd is an equal opportunity employer 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 religion, race, caste, sex, place of birth, sexual orientation, gender identity, disability, or age. Oorja endeavours to provide a safe, diverse and comfortable workplace. Oorja will not adversely discriminate, and prohibits other adverse discrimination at the workplace, against any person on its premises, whether that person is in its employment or otherwise.