In this role you can fully utilise your hands-on mechanical aptitude for electrical systems design, installation and integration. With guidance from our CTO, you will work alongside the field operations teams to design, install and service solar systems in remote villages. You will also work independently to integrate new PV-powered appliances and to ensure best practice for maintenance. If your way of working is both outcome- and team-oriented, you will be comfortable in our dynamic, interdisciplinary and multicultural team.

Your Major Responsibilities

- Develop safe, efficient and cost-effective technical designs for off-grid solar PV systems (BLDC and AC irrigation pumps, agroprocessing mills, solar cold storages)
- Handle the integration and installation of motors and appliances powered by PV
- Ensure best practice maintenance to ensure maximum reliability of all services
- Provide guidance and support to field operations teams to ensure timely installations and repairs

Your Profile

- Bachelor’s degree in Electrical Engineering from a recognised institution
- 2-4 years of hands-on experience handling solar PV installations and troubleshooting, with a strong preference for rural project experience
- Expert knowledge of electrical system components and their integration, notably PV, MPPT controllers, VFDs, AC induction and BLDC motors, storage and cooling systems
- Ability to prepare design specifications and technical drawings and documentation
- Fluency in Hindi; spoken and written command of English
- Pragmatic, flexible and solution-oriented combined with hands-on mentality
- Field task orientation and willing to travel daily by motorcycle to rural project sites
About Oorja

Oorja is an award-winning social enterprise based in New Delhi, tackling some of the most pressing challenges in the energy sector today: renewable energy expansion and energy poverty.

Oorja's focus is on powering beneficial appliances that help users to generate stable incomes, create jobs, and mitigate carbon emissions. Despite urgent need, around 90% of marginal farmers cannot afford to invest in solar technology for their farms. Oorja wants to close this gap. We install, operate and maintain off-grid solar energy systems for community use and sell irrigation, milling and refrigeration as affordable services to marginal farmers. We focus on rural areas of northern India where farmers are currently reliant on polluting and expensive diesel motors for their energy needs.

Our core strengths are our inclusive, customer-centred model and a diverse and driven team with shared passion in sustainable development. We are determined to scale up access to solar power among the most marginalised communities. Some of our supporters and partners in this mission are:

How To Apply

If this exciting opportunity appeals to you, please send your application (CV and letter of motivation) to careersoorjasolutions.org with the subject line “Project Engineer - Your Name” before 15 August 2020.

Equal Opportunities and Non-Discrimination Statement

Oorja Development Solutions India Private Limited 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, gender, place of birth, sexual orientation, marital status or disability status. Oorja endeavours to provide a safe 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.