

About PEEDA

People, Energy and Environment Development Association (PEEDA) is an NGO established in 1997 for the enhancement of the renewable energy sector in Nepal. PEEDA aims to mobilize local as well as external resources to harness indigenous resources of the country thereby promoting poverty alleviation activities. The objective of the organization is to improve the livelihoods of communities, particularly the poor, by communal utilization of renewable energy resources while ensuring due care for the environment.

PEEDA is active in the field of renewable energy and the environment for more than 20 years to enhance socio-economic development through research and implementation activities. PEEDA is a respected, well-known, and influential NGO working in the energy sector with excellent links and partnerships with the wider industry. PEEDA's working area includes all the districts within Nepal, but especially the rural areas targeting the community people-particularly the poor people.

Job Position: Electrical Engineer (Full time)

Job Overview

PEEDA has been working on the research to explore the opportunity of promoting electric cooking in the community powered by Micro Hydro Power and the National Electricity Grid. At present, PEEDA is assessing the suitability of Electric Pressure Cooker in the Nepalese Kitchen. This project is being implemented in Solukhumbu district in a micro-hydropower connected community and South Lalitpur, in a national electricity grid-connected community. To support the field implementation of the project, PEEDA is looking for various talents to be part of its team. PEEDA requires a full-time Electrical Engineer to play a key role in technical and engineering support for day-to-day tasks related to electric cooking projects. S/he should support in market assessment, data collection, analysis, and learning activities to ensure accountability and efficiency of the electric cooking project.

Key Responsibilities

- Technical support on testing of functionality and efficiency of Electric Pressure Cookers
- Support developing EPC training materials and conduct training sessions
- Provide technical and engineering support for day-to-day tasks
- Support for conducting a market assessment of electric cooking technologies and market research studies that provide detailed data and analysis on potential markets for electric cookstoves
- Support resolving electrical/utility issues during project implementation
- Support in preparation and submission of project progress and data analysis reports

- Travel at different places as required to support project activities
- Perform various duties/tasks as assigned

Required Skills and Experience

- At least a Bachelor's degree in electrical engineering from a reputed university
- A minimum of two years' work experience in the power system or similar field
- Good understanding of electrical power systems, grid connection, micro-hydropower system, control unit and can be capable to assist the team in the implementation of electric cooking system
- Good critical and analytical thinking skills along with good report writing skills
- Ability to demonstrate initiative while working within a team, and to develop and maintain an effective working relationship with team members and community
- Willingness to take any tasks, roles, responsibilities, and challenge needed to accomplish the PEEDA team's goals and objectives
- Relevant training on hydropower electrical system and power transformer will be an added advantage
- A comprehensive understanding of renewable energy and clean cooking technologies will be advantageous
- Ability to work in a multicultural team
- Capable to perform technical data analysis with good computer skills
- Proficiency in Microsoft Word, PowerPoint, MS Excel, and electrical design and analysis software
- Good written and verbal communication skills,

Term

10 Months, With Possibilities of Extension