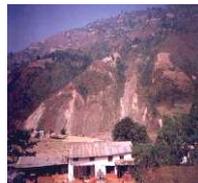
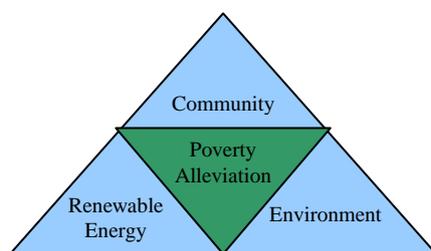


PEEDA

Organisational Profile

June 2018



People, Energy & Environment Development Association (PEEDA)

Contact: Devkota Sadak, Mid-Baneshwor, Kathmandu-10
P.O. Box 8975, EPC 2157, Kathmandu, Nepal
Phone: +977-1-4469456, 4469457, 4469458
web: www.peeda.net e-mail: mail@peeda.net

1. HISTORY OF THE ORGANIZATION

a. General Background

Energy is the prime mover of all the activities of an individual, an economy, and the whole biodiversity.

One Ton of Oil Equivalent (TOE) per capita year seems the minimum energy needed to guarantee an acceptable level of living as measured by Human Development Index (HDI) of 0.8. The energy cost of satisfying basic human needs ranges between 27,800 to 36,400 kcal per day per capita i.e. between 1.0 to 1.3 TOE. However, the average per capita energy consumption of Nepal is reported to be 0.340 TOE (14.2 GJ) and this includes traditional sources of energy like fuelwood, crop residue and animal dung. The scarcity of these will increase as population increases - either the average energy consumption will be reduced or fossil fuel will be consumed in the absence of fuelwood (if other alternatives are not available for the increased population).

The condition of "energy poverty" (i.e. extreme fuel shortage) is compensated with less valuable fuels such as leaves, straw and dung. Such shifting action from fuelwood to crop residue and dung will reduce nutrients needed for soil. Therefore, energy poverty can reduce number of cooked meals and increase malnourishment and thus overall poverty. This situation of energy poverty in Nepal is hindering not only economic activities but also overall development of Nepal's living standard physically, socially and ecologically.



Paradoxically, Nepal is rich in natural resources when looking at renewable energy resources. These resources could be utilized by giving due care to the environment to uplift the living

standard of poor people of Nepal. There are several possibilities as well as bottlenecks and hindrances. Few activities and favourable policies have been put forward by the Government of Nepal in recent years.



b. PEEDA's Background

People, Energy & Environment Development Association (PEEDA) was established in 1997 jointly by various hydropower related organisations 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. It focuses mainly on institutional development, participation with stakeholders at grass root levels in development activity, research and lobbying for policy change. PEEDA's team, with its gained experiences in the energy and development sectors, envisioned that economic development can be achieved through sustainable energy development activities, with particular emphasis of seeing this development reach the poor.

PEEDA has also been supporting institutions which have a goal of serving the needs of those developing the water resources of Nepal. It owns 20% shares of Hydro Consult Engineering Ltd and 50.08% shares of Hydro lab Pvt. Ltd. Both of these companies are serving private parties, institutions, as well as governments agencies in their respective fields. Moreover, PEEDA has also been supporting institution namely "Center for Energy and Environment (CEED)", established in 2017, that mainly aims to provide services in the field of energy and environment for the enhancement of the livelihood of the communities.

PEEDA has also conducted several training events related to management within the energy sector with the aim of building the capacity of people involved in the development sectors. It has also collaborated with other organizations in the research and development of Pico Hydro and has regularly been organizing workshops and seminars to promote such activities.



2. BRIEF INTRODUCTION TO THE ORGANIZATION

c. Mission

PEEDA is an NGO dedicated to improve livelihoods of communities, particularly the poor, by collective utilization of renewable energy resources, while ensuring due care for the environment.

This is achieved by establishing institutions active in the renewable energy sectors, promoting cooperation between relevant stakeholders to undertake development projects, advocating for policy & regulatory reforms and undertaking targeted research.

The principle behind the activities of PEEDA is that the poor of Nepal, who live mainly in rural areas, should share in the benefits of Nepal's renewable energy resources, but this will not happen without dedicated and sustained effort.

PEEDA is committed to the values of empowering individuals & communities to help themselves, non-discrimination, and maintaining good relationships.

d. Vision

Nepal is one of the poorest countries in the world. Large proportions of the population live in the mountainous regions of Nepal, surviving on subsistence agriculture with no access to electricity with which other economies may be possible. Deforestation is a major environmental problem in Nepal, and is made worse by increasing population densities and the subsistence economy.

Hydropower and bio-fuels are some of Nepal's renewable resources, which could be harnessed to provide power to a larger proportion of the population and/or be sold to provide a source of income. This would raise living standards, reduce current human impacts on the environment, and provide general welfare to the people, and particularly the rural poor.

PEEDA's vision for Nepal is that poverty will be substantially reduced through, among other initiatives, effective, socially responsible, and environmentally sustainable development of renewable energy resources. Its ultimate vision is that all the people of Nepal will enjoy economic security as a result of the effective utilization of Nepal's renewable energy resources.

e. Objectives

The objective of the organization is to improve livelihoods of communities, particularly the poor, by communal utilization of renewable energy resources, while ensuring due care for the environment. The main objectives are:

- Research and assess the physical, technical environmental, economic, social and legal aspects of renewable energy resources;
- Facilitate and empower Nepali people,

Climate Resilient Communities and Sustainable Livelihood Project for Pro-poor of Dolakha



The project aims to make the communities more adaptive to adverse affects of climate change through various approaches such as multiple cropping and climate resilient agricultural crops. At the same time, the project will also address issues pertaining to food security via development of innovative irrigation infrastructures, cold storage, organic farming that reduces acidity of soil, etc. The issues of abundant use of insecticides, food insecurity brought about by drought and insufficient supply of drought resilient seeds, raising the voices and improving the livelihood of excluded and marginalized, raising awareness on climate change, lowering carbon emission and ultimately enabling the communities to become climate adaptive are the issues intended to be addressed by the project.

especially rural communities, to harness these resources;

- Provide information to the general public to raise awareness about exploitation and use of renewable energy and other energy related issues;
- Implement and promote projects related to energy and protection of the environment to improve welfare and economic development of poor people;
- Promote small enterprises in rural areas by encouraging local end-use of energy;
- Promote transfer of technology;
- Serve as a medium for transferring foreign financial support to projects related to renewable energy.

f. Activities

- Identifying institutional gaps in the hydropower industry
- Channelling finance for the founding of institutions
- Forming institutions
- Providing Board-level governance for institutions
- Providing advice / assistance on legal as well as policy level issues
- Advocating for policy change
- Conducting training for capacity building
- Facilitating the establishment of community organizations in appropriate areas to perform socio-economic developmental works
- Collaborating and conducting necessary research and development activities related to energy and hydropower development sectors, fuel substitution, energy efficiency and climate change mitigation
- Motivating entrepreneurs for electricity based enterprise development
- Networking with other stakeholders

PEEDA also conducts research type studies for other organizations to replicate and share best ideas and experiences and provide valuable inputs, which will develop its capacity to enhance efficiency and contribute its expertise in the energy and environment field. It also

provides trainings related to energy and environment development activities that would help to promote sustainability in Nepal.

g. Geographical Working areas covered by the organization

PEEDA's working area includes all the districts within Nepal, but especially the rural areas. The Pro-poor Hydropower Pilot project has a particular focus in South Lalitpur, Rasuwa or Lamjung where possible pilot sites have been identified. The Bio-fuels Project was implemented in Okhaldhunga District. Recently, the projects are being implemented in Dolakha and Palpa district.



h. Target groups of the organization

Community people, particularly the poor, residing in remote Nepal are the target groups of the organization.

3. REGISTRATION

a. CDO's Office: Registration No: 85/ 54/55
Date: B.S. 2054/5/1 (August 1997)

Recent renewal date: B.S. 2074/09/25
(9th January 2018)

b. SWC: Registration No: 19445 (B.S. 2064/12/07)

Recent Renewal Date: B.S. 2073/10/21 (3rd February 2017)

Last date of general assembly held:
17th November, 2017 (20th AGM)

4. SISTER ORGANIZATION

Since its establishment, PEEDA has set up the following companies to serve as infrastructural support in the field of water resources development:

- Hydro Consult Engg Ltd - 20% ownership
- Hydro Lab (P) Ltd – 50.08% ownership

5. RESEARCH ACTIVITIES

PEEDA has undertaken several research studies in the energy field for clients such as the Alternative Energy Promotion Centre (AEP), Centre for Rural Technology (CRT), Winrock International (WI), WWF-Nepal, Kathmandu Alternative Power and Energy Group (KAPEG), University of Bristol and Association for Craft Producers (ACP). We have also worked with other organisations in disseminating research and development of Pico Hydro.

6. MAIN ACHIEVEMENTS OVER THE LAST 5 YEARS

SN Main Achievements

1. PEEDA has been promoting the low head pico hydro technology, developed previously, by Nepal Hydro & Electric (NHE), both in Nepal and abroad. The technology which NHE has initiated the development has been improved through the development of a new controller system and furthermore up-scaled in the 1-5 kW range from its existing 300 W unit.
2. PEEDA has promoted Institution namely “Center for Energy and Environment Development (CEED)” that mainly aims to provide services in the field of energy and environment for the enhancement of the livelihood of the communities.
3. PEEDA has become a respected, well known and influential NGO working in the energy sector with excellent links and partnerships with the wider industry.
4. PEEDA has successfully completed Bio-fuel consolidation project in Okhaldhunga. The Biofuel project has enabled local communities at Manebhanjyang, Thakle, Toksel and Madhavpur VDCs of Okhaldhunga district to develop and use end use products such as soap, seedcake and candle from Jatropha oil. Also, the project has successfully adopted “Do No Harm” strategy while planting 75,000 new Jatropha plants in barren, isolated and marginalized lands. It is noteworthy to see that the project has been instrumental in encouraging and empowering the lowest strata of social classification, dalits to participate in each project activities with a view to improve their livelihood through enhancing their awareness, entrepreneurship, leadership and socialization.
5. PEEDA has successfully completed study on "**Knowledge Documentation on Impacts of Biogas on Forests and Socio-economic Development of Local Communities**". The project was under Hariyo Ban Program which has successfully installed thousands of domestic biogas plants in the TAL and CHAL areas of Nepal.
6. PEEDA has conducted 2 feasibility case studies for two sites in Nepal for the project namely "**System Design of an Expandable, Reconfigurable, and Integrated Renewable Energy Microgrid for Remote, Off-Grid Communities**". One of the site in Madi (Chitwan) was focused on hybridisation of Biomass gasifier and solar whereas the other site in Mityal (Palpa) was focused on wind and solar hybridisation.
7. **Technical Support for the Installation of Photo-voltaic Solar Panels:** PEEDA worked on providing technical support to the Association for Craft Producers (ACP) for the installation of 32 KW photo-voltaic solar panel systems in the office and manufacturing premises for various applications. Earlier, PEEDA assisted ACP for the detailed feasibility study and accordingly



suggested for the installation of solar powered Photo-voltaic system so that acute power crisis prevalent in Nepal could be addressed through effective dissemination of such renewable source of energy. Moreover, recently PEEDA has assisted ACP for the installation of 4.9 kW photo-voltaic solar panel system in one of its outlets namely “Dhukuti” located at Kupondole, Lalitpur.

8. PEEDA completed detailed feasibility study of two sites for low head pico hydro in Udaypur district of Nepal.
9. **Low Head Propeller Turbine Demonstration Project:** This project as supported by WISIONS (Germany) provided energy access to two rural VDCs namely Toksel (1 kW) and Katunje (3kW) in Okhaldhunga district, eastern Nepal, through the use of tested and robust low head pico-hydro technology. The project is serving as a demonstration site for the feasibility of this technology in the relevant regions of Nepal.
10. **FK-Norway Exchange Project:** Tarayana Foundation Bhutan, Practical Action Bangladesh & Technology & Action for Rural Advancement (TARA) India and PEEDA were the four partner institutions for this project. In 2015, PEEDA had sent three participants- two to Practical Action- Bangladesh and one to Tara- India. The two participants at Practical Action Bangladesh had undertaken projects on ‘Water, Sanitation & Resilient Housing’ followed by ‘Low Carbon Technologies’ respectively. The third participant at Tara- India had undertaken a project on ‘Productive Use of Renewable Energy Technologies’.
11. **Online Design Tools for Locally Manufactured Small Wind Turbines:** PEEDA was one of the partner organization. The other partner organizations were Kathmandu Alternative Power and Energy Group (KAPEG) (lead and contracting partner), Rural Electrification Research Group (RurERG) and School of the Earth ‘Nea Guinea’. The project successfully installed small wind-solar hybrid system (1.2 kW) at Mityal Bazzar, Ward No.4 of Nisdi Rural Municipality of Palpa District by the end of November 2017. The system is running successfully.
12. **Why Micro-hydro Fails: Investigation into Poor Performance of Micro-hydropower Plants in Nepal:** This project was carried out jointly by University of Bristol (UoB) and University of Coventry, UK and the People, Energy and Environment Development Association (PEEDA). The aim of this project was to understand the reasons behind poor performance and failure of MHP plants in Nepal. A field Study of MHP plants was conducted collectively by the team of PEEDA and UoB to assess factors contributing to failure, poor performance and poor utilization.

7. CURRENT ACTIVITIES

SN Name of the programme/current activities

- 1 **Climate Resilient Communities and Sustainable Livelihood Project for Pro-poor of Dolakha District of Nepal** (*see first call-out box for more details*)
- 2 **Pico Hydro Promotion Project** is a project to promote the use of low-head propeller type pico-hydropower technology to the benefit of the rural poor of Nepal. As Light-emitting diode (LED) technology has become cheaper and more affordable, a small amount of power from a pico-hydro unit can provide power for lighting a village – at an affordable cost.
- 3 **Further R&D, Optimization of Pico-hydro Turgo Turbine Technology for Rural Nepal by Enabling Environment for Technology Dissemination and Commercial Development:** PEEDA in collaboration with University of Bristol (UoB), Nepal Yantra Shala Energy (NYSE) and Turbine Testing Lab of KU (ITL) will execute the project. The project will be funded for 2 years by Energize Nepal.
- 4 **Improving Agricultural Profitability With Solar Powered Mobile Cold Storage for Small Farm Holders:** The project is envisioned to be implemented in Baiteshwor Rural Municipality, Ward No. 3 (Earlier Mirge VDC) of Dolakha district. In the present context, in the absence of

cold storage and related cold chain facilities, the farmers are compelled to either not sell due to small harvest or sell their produce immediately after harvest which results in glut situations and low price realization. Cold chain infrastructure for fruits and vegetables can remarkably improve storage quality and reduce wastage. Robust farm-to-retail cold chain solution is required to sustain the growing domestic demand as well as increase cash income for rural poor communities. The project is funded by WISIONS, Germany and the project duration is 1 year.

- 5 **Assessment of Low Power Electric Cooking in Nepal:** The project aims to assess alternatives for low power electric cooking in Nepal so that the increasing demand of power could be reduced to some extent. The project partner includes University of Bristol and PEEDA. The project start date is 15th May 2018 which is scheduled to be completed by the end of July 2018.

8. SPECIFIC DONOR SUPPORTED PROJECTS/PROGRAMMES

| SN | Donor | Name of the programs | Project period | Location of implemented program | Description | Status |
|----|---------------------------|--|-------------------------------|---------------------------------|---|---------|
| 1 | Bread for the Word (BfdW) | Climate Resilient Communities and Sustainable Livelihood Initiatives | April 2016 to March 2019 | Dolakha District | Enhance adaptive capabilities of targeted communities against the adverse effects of climate change, Enhance agricultural based entrepreneurship skills, climate friendly agricultural techniques and innovation in irrigation methodologies | Ongoing |
| 2 | WISION | Improving Agriculture Profitability with Solar Powered Mobile Cold Storage for Small Farm Holders | October 2017 to November 2018 | Dolakha District | Community mobilization and sensitization, end usage of solar powered cold storage, Community Involvement | Ongoing |
| 3 | Energize Nepal (NORAD) | Further R&D, Optimization of Pico-hydro Turgo Turbine Technology for Rural Nepal by Enabling Environment for Technology Dissemination and Commercial Development | November 2017 to October 2019 | To be decided | Research followed by field testing of locally manufactured Turgo turbine, Community piloting, monitoring and evaluation for the finalization of Turgo, Study on the cost of technology with other available technology, establish linkages between partners | Ongoing |



| | | | | | | |
|----|--|--|--|---|--|--------------------------------|
| 4 | University of Bristol (UoB) and University of Coventry, UK | Why Micro-hydro Fails: Investigation into Poor Performance of Micro-hydropower Plants in Nepal | November 2017 to January 2018 | Baglung | Travelling to micro-hydro sites (10 to 100 kW), report writing and final paper preparation | Completed |
| 5 | WISION | Low Head Propeller Turbine Demonstration Project | September 2015 to December 2016 | Okhaldhunga District | Community mobilization and sensitization, end usage projects of the electricity, Community Involvement | Completed |
| 6 | FK Norway | Promotion of Appropriate Green Technology to bring about Rural Prosperity | September 2010 to November 2016 | Nepal, India, Bhutan and Bangladesh | Knowledge and technology transfer, personnel exchange | Completed |
| 7 | Evan-gelische EntwicklungsDienst (EED Germany) | Bio-Fuels Sustainability Project | January 2013 to December 2015 | Okhaldhunga District | Agriculture, community facilitation, research & development, advocacy | Completed |
| 8 | Renewable Nepal Programme (NORAD) | Design Optimization Manufacturing and Demonstration of cost-effective commercial pico-propeller turbines (1 kW) in Nepal that is marketable for a range (1kW-5kW) of hydrological conditions | August 2012 to July 2013 | Butwal Pilot site to be identified | Investigate, make and test design simplifications and improvements, design manual, marketing plan | Completed |
| 9 | Renewable Nepal Programme (NORAD) | Re-inforcement Project | January 2013 to June 2013 | Kathmandu Butwal | PCB development, controller design and prototype, protection and commercialization strategy | Completed |
| 10 | The Norwegian Embassy | Pro Poor Hydropower Pilot Project – Phase 2a & 2b | 26 th August 2008 to 31 st December 2011 | Lamjung District | Modality Development and Preparatory Implementation in 20-MW Nyadi Hydropower Limited | Future Phases under discussion |



| | | | | | | |
|----|---|--|---|--|---|-----------|
| 11 | The Norwegian Embassy | Feasibility Study of Geo-technical Engineering Research Laboratory in Nepal | November 2011 to October 2012 | Kathmandu | Baseline, need for enhancing geo-tech capacity, business model | Completed |
| 12 | Evan-gelische EntwicklungsDienst (EED Germany) | Bio-fuel Consolidation Project | 1 st January 2010 to 31 st December 2012 | Okhaldhunga District | Agricultural, community mobilisation, mechanical engineering and research components | Completed |
| 13 | Renewable Nepal Program | Developing Electrical Load Controller of Low Head Propeller Pico Turbine and Field Research for Rural Use in Nepal | August 2010 to July 2011 | Dhulikhel Butwal Panauti | Developing Pico hydro controller for self excited induction generator, establishing a demonstration site to verifying it with the community to promote the low head Pico hydro system in Nepal | Completed |
| 14 | Evan-gelischer Entwicklungsdienst (EED Germany) | Bio-fuels Pilot Project | 1 st November 2007 to 31 st December 2009 | Okhaldhunga District | Preliminary planning phase of the bio-fuel project | Completed |
| 15 | NORAD | Pro Poor Hydropower Pilot Project – Pre-study | 1 st January 2006 to 31 st December 2007 | Dhading, Makwanpur, Rasuwa, Lalipur, Nuwakot Districts | First phase of this pilot project examining the feasibility of implementing the PPHP concept. | Completed |
| 16 | Rairang Small Hydropower Company | Rairang Khola Small Hydropower and local community conflict resolution project | January to November 2006 | Dhading District | A project to help both parties to come to a negotiated settlement to allow the RKSHP company to use an alternative source of water while providing the community with guarantees and help in rural development. | |

9. CONSULTANCY DELIVERED

| SN | Type of Consultancy | Consultancy for |
|----|---|---------------------------------|
| 1 | A research study on "Knowledge Documentation on Impacts of Biogas on Forests and Socio-economic Development of Local Communities" | WWF-Nepal |
| 2 | Technical Feasibility Study of Captive Solar Power Plant | Association for Craft Producers |
| 3 | Technical Support for the Installation of Photo-voltaic Solar Panels | Association for Craft Producers |



| | | |
|----|---|-----------------------------------|
| 4 | System Design of an Expandable, Reconfigurable, and Integrated Renewable Energy Microgrid for Remote, Off-Grid Communities | University of Bristol, UK |
| 5 | Detailed feasibility study of low head turbine sites – two sites in Hilly region | AEPC |
| 6 | Evaluation of Forestation in the Arid and Hot Valleys Project of Huaping County, China (Jatropha Component) | Amity Foundation, China |
| 7 | Micro Hydropower Functional Status - a study surveying how sustainable micro hydropower projects are in Nepal (Project via HCEL) | AEPC |
| 8 | A research study on “Market based demand management of electrical energy in Nepal. - A study examining the means of changing urban electricity consumption pattern and behaviour”. | Winrock |
| 9 | Assessment of current water usage in water mills (Project via HCEL) | CRT |
| 10 | Impact Study with Consumer Satisfaction Survey Of Micro Hydropower Projects in Nepal – a study which looked at the wider impacts a micro hydropower plant had on the wider community (Project via HCEL) | AEPC |
| 11 | A Study Of the Operational Status and End Use Application Of Completed Micro Hydro Schemes – a study looking at the non-domestic lighting applications and how they can increase MHP sustainability (Project via HCEL) | AEPC |
| 12 | Cost Analysis Of Micro Hydro Power Projects in Nepal – a study which has broken down the costs of MHPs and analysed these to develop a simple costing tool. (Project via HCEL) | AEPC |
| 13 | A Study on the Analysis of the Mini and Micro Hydropower Sector in Nepal – a study which has examined the capacity of the sector and measured just how healthy it is. (Project via HCEL) | AEPC |
| 14 | Possible Ways of Minimization of the Rural Electrification Cost in Nepalese Context (project for Winrock International Nepal on behalf of the REGDAN group made up of WIN, Butwal Power Company and South Lalitpur Rural Electrification Cooperative) | Winrock |
| 15 | District Energy Perspective Plan (DEPP), Kalikot District (project via HCEL with funding from SNV via AEPC) | Human Rights & Env't Dev't Centre |

10. TRAINING DELIVERED TO OTHER ORGANIZATIONS

SN Type of training/Consultancy

- 1 District Level Awareness Workshop on Promotion of Jatropha Curcas benefitting Rural Poor
- 2 Organization Management, Training Cum Workshop
- 3 Project Construction Management Training Cum Workshop
- 4 Rural Electrification Consumers Services & meter reading training cum workshop
- 5 Training Cum Workshop- Organization Management for Mid Level Manager
- 6 One day Seminar on Small Hydropower Development
- 7 Two day seminar in Butwal on the advances in Low Head Pico Turbines
- 8 One day seminar on "Bio-energy as the Major Alternative Energy Source in the Changed Context of Nepal: Challenges and Possibilities"



11. ALL PAID AND VOLUNTARY STAFF

| SN | Name | Position | Education | Responsibilities held in organization |
|----|----------------------------|--------------------------------------|--------------------------------------|--|
| 1 | Mr. Biraj Gautam | Chief Executive Officer | MSc (Env) | Lead and plan organizations' activities. Act as Project Co-ordinator for the various PEEDA projects. |
| 2 | Mr. Pawan Baral | Manager-Admin & Finance | B Com | Responsible for organizations' financial and administrative matters. |
| 3 | Mr. Tapendra Chand | Project Officer | BE (Industrial), MSc (Energy System) | Support in the implementation of ongoing projects and also to assist in the development of upcoming Projects within PEEDA. |
| 4 | Mr. Basanta Bista | Assistant Manager-Community Dev. | M.A (RD) | Provide community oversight in all community based project within PEEDA. |
| 5 | Mr. Prem Bikram Karki | Rural Enterprise Development Officer | BE (Mechanical) M.B.A. | Support in the implementation of ongoing projects and also to assist in the development of upcoming Projects within PEEDA. |
| 6 | Ms. Bhawana Bajgain | Admin Assistant | BBS | Provide assistance to all the projects as well as organization development & management. |
| 7 | Ms. Chhiring Dolma Lama | Social Mobilizer | Bachelor in Education | To Assist in the field level activities of Mirge VDC for "Climate change and Livelihood project (Dolakha)" |
| 8 | Ms. Debaki Rimal | Social Mobilizer | Intermediate in Education | To Assist in the field level activities of Namdu VDC for "Climate change and Livelihood project (Dolakha)" |
| 9 | Mr. Jhalak Bahadur Jirel | Social Mobilizer | Intermediate in Science | To Assist in the field level activities of Thulopatal (former VDC) for "Climate change and Livelihood project (Dolakha)" |
| 10 | Ms. Laxmi Baraili | Social Mobilizer | Intermediate in Education | To Assist in the field level activities of Jungu VDC for "Climate change and Livelihood project (Dolakha)" |
| 11 | Ms. Kalpana Arayal (Thapa) | Office Support | Lower Secondary | Assist in office management. |
| 12 | Mr. Shyam Sundar Karki | Driver | Lower Secondary | Driving and support office administration. |



12. COMPOSITION OF CURRENT EXECUTIVE COMMITTEE

Date elected: 18th November 2016

| SN | Name | Position | Education | Experience | Occupation |
|----------------------------|---------------------------|------------------|--|------------|---|
| Executive Committee | | | | | |
| 1 | Mr. Murali Prasad Sharma | Chairperson | MCom, BL | 33 | Lawyer |
| 2 | Mr. Shiva Ram Pradhan | Vice Chairperson | MSc | 38 | Retired Maj. Gen. |
| 3 | Mr. Govind Prasad Devkota | Secretary | BSc, PG Diploma (Env), MSc (Economics) | 32 | Engineer |
| 4 | Ms. Minoo Piya | Joint-secretary | MA in Sociology | 25 | Social Scientist |
| 5 | Ms. Gosai KC | Treasurer | Masters in Humanities & Social Science, Masters in Education | | Former Deputy Managing Director of NEA |
| 6 | Ms. Keshari Bajracharya | Member | MSc Chemistry | 36 | Chemist |
| 7 | Ms. Kalpana Pradhan | Member | PG in Women Studies | 16 | Service |
| 8 | Mr. Gaurav Dahal | Member | MBA, B.E. (Mechanical) | 13 | Coordinator-Energy Access in Developing Countries (WWF Nepal) |
| 9 | Mr. Puspa Raj Bhattarai | Member | Masters in Anthropology and Sociology | 19 | NRDC as 3R Expert |
| 10 | Mr. Shiva Kumar Sharma | Member | MSc, PG Hydropower | 26 | Engineer |
| 11 | Mr. Suman Basnet | Member | MBA, G Diploma (Electrical), B.E. (Electrical) | 31 | Engineer |

13. MEMBERSHIP

| | Male | Female | Total |
|----------------------|------|--------|-------|
| a. General Members: | 36 | 9 | 45 |
| b. Executive Members | 7 | 4 | 11 |

14. PARTNERSHIPS

PEEDA seeks partnerships to maximise the utilisation of its resources and the assimilation of its outputs. Currently, PEEDA has a partnership or cooperation with the following organisations:

- Bread for the World (BfdW), Germany
- WISIONS, Germany
- University of Bristol, UK
- The Royal Norwegian Embassy, Kathmandu



- Himal Partner, Norway
- Interserve England & Wales, UK
- Engineers Without Borders (EWB), Australia
- Stiftelsen Hjelp til Selvhjelp for Nepal, Norway
- Tarayana Foundation (TF), Bhutan
- Technology and Action for Rural Advancement (TARA), India
- Practical Actions (PA), Bangladesh
- Alternative Energy Promotion Center (AEPC), Lalitpur
- South Lalitpur Rural Electrification Cooperative (SLREC), Lalitpur
- Himali Micro Hydro Entrepreneurs Association (HIMEA), Jumla
- SAHAS Nepal (Group of Helping Hands), Lalitpur
- Lamjung Electricity Development Company (LEDSCO), Lamjung
- Kathmandu University (KU), Dhulikhel
- Oshin Power Pvt. Ltd. (OPS), Butwal
- Kathmandu Alternative Power Group (KAPEG), Kathmandu

15. DESCRIPTION OF THE ORGANIZATION'S INTERNAL RESOURCES

- a **Membership fees** : Life Membership fee : Rs. 5,050.
- b **Income generation activities:**
Through contracts related to execution of research studies and providing training.

16. ORGANIZATION'S BANKING INFORMATION

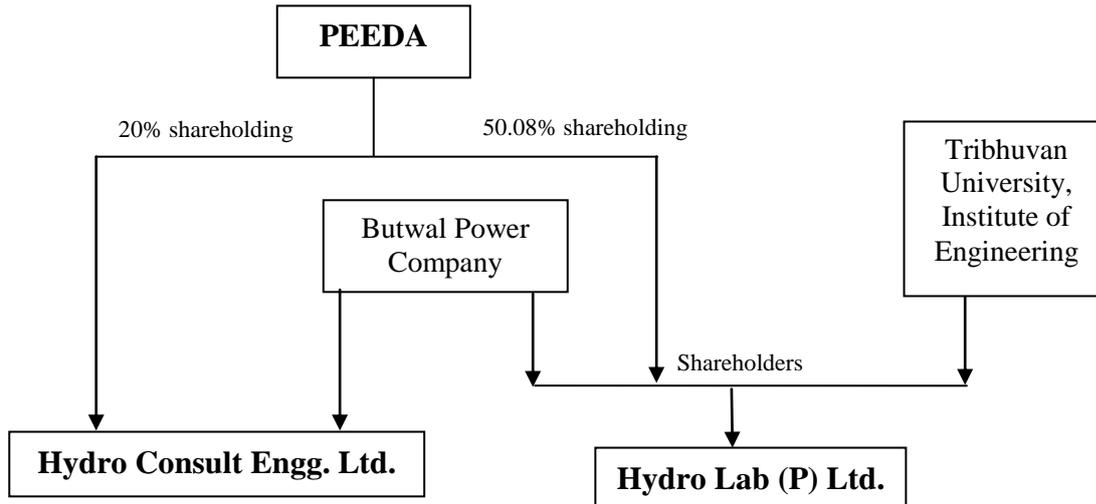
| S.N. | Type of account | Account no. | Name of the Bank and Addresses | Name of Signatories and position |
|------|-----------------|-----------------|---|---|
| 1 | Current | 01-201102200014 | Everest Bank Limited, Pulchowk, Branch | Mr. Murali Prasad Sharma - Chairperson Ms. Gosai KC Bhandari – Treasurer Mr. Biraj Gautam - CEO Mr. Pawan Baral – Sr. Accounts and Admin Officer |

17. OTHER RELEVANT INFORMATION:

- a. **Current Strategies of the Organization:**
- Lobbying for better national policies
 - Facilitating and /or implementing local level poverty alleviation programs related to energy and environment



b. Structure of Organization's Institutions:



The Executive Committee, elected through the PEEDA General Assembly, governs PEEDA for major policy and strategic decisions. The day-to-day activities, organization development and the execution of the projects within PEEDA are handled by the PEEDA Management headed by the Executive Director. The Executive Members formally or informally represent several organizations that can work jointly or cooperate or support activities of PEEDA.

PEEDA, as the founding shareholder, has so far established two companies namely: Hydro Consult Engineering Ltd. (HCEL) and Hydro Lab P Ltd. (HLPL). As owner and governor of institutions, PEEDA has experienced and reputed board members into both organizations from the field of hydropower, socio-economy and human resource development.

18. FUTURE PLANS

Plans regarding different services of PEEDA are as follows:

- Establishing more number of institutions or own equity shares in companies having a similar development philosophy
- Enhancing the governance of institutions
- Coordinating and managing the Pro-Poor Hydropower - Pilot Project implementation
- Implementing the Bio-fuels Sustainability Project.
- Developing the Pico Hydro Promotion Project to implementation stage
- Disseminating & promoting the knowledge and skill thereby making an environment which intervenes for the better policy
- Providing Research and Consultancy works relevant to PEEDA's objectives.
- Work in lobbying and policy formulation with regard to climate change. Develop and implement projects that help communities adapt to climate change.
- Explore, develop and test appropriate rural/renewable technologies applicable in Nepal
- Coordinating SAARC regional development initiative related to energy access and livelihood improvement among international partners



19. CONTACT PERSONS

Name: Murali Prasad Sharma
Position: Chairperson
Email: mail@peeda.net
Telephone: 9851038682/
4469456/458
Address: Devkota Sadak, Mid-Baneshwor
Kathmandu, Nepal

Name: Mr. Biraj Gautam
Position: Chief Executive Officer
E-mail: biraj@peeda.net
Telephone: 00977-1-4469456/4469457/
4469458
Address: Devkota Sadak, Mid-
Baneshwor, Kathmandu, Nepal

Dedicated to improve livelihoods of communities, particularly the poor, by collective utilization of renewable energy resources, while ensuring due care for the environment.

