

# Social Monitoring Report

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## Semi Annual Report

January 2019

**Project Number:** 41155-013

## NEP: Electricity Transmission Expansion and Supply Improvement Project

Prepared by the Government of Nepal for the Asian Development Bank.

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# Social Safeguard Monitoring Report

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## **Semi Annual Monitoring Report:**

July- December 2018

ADB Loan: 2808 NEP

Submitted by:



**Nepal Electricity Authority**  
**Project Management Directorate Electricity Transmission Expansion**  
**and Supply Improvement Project**  
**Kathmandu, Nepal**

**Jan 2019**

**NOTES:**

The fiscal year (FY) of the Government of Nepal and its agencies ends on 16 July. FY before a calendar year denotes the year in which the fiscal year ends, e.g., FY 2016 ends on 17 July 2017.

In this report, "\$" refers to US dollars.

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## CURRENCY EQUIVALENTS

(31<sup>st</sup> December 2018)

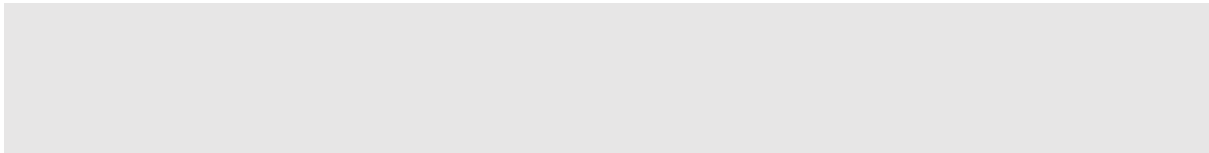
Currency unit	-	Nepalese Rupee (NRs)
USD		1.00
NRs		112.21

## ACRONYMS

ADB	-	Asian Development Bank
CDC	-	Compensation Determination Committee
CDO	-	Chief District Officer
DLRO	-	District Land Revenue Office
DLSO	-	District Land Survey Office
EIA	-	Environmental Impact Assessment
ESSD	-	Environmental and Social Studies Department
ETESIP	-	Electricity Transmission Expansion and Supply Improvement Project
GoN	-	Government of Nepal
GRC	-	Grievance Redress Committee
Ha	-	Hectare
IEE	-	Initial Environmental Examination
ILAAPO	-	Initially Land Acquisition Activities Processing Officer
kV	-	kilo Volt
NEA	-	Nepal Electricity Authority
RoW	-	Right of Way
RP	-	Resettlement Plan
SPS	-	ADB Safeguard Policy Statement (2009)
T/L	-	Transmission Line

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## Background

1. The Asian Development Bank approved Electricity Transmission and Supply Improvement Project (ETESIP) on 15 November 2011. The agreement of the project was signed on 23 March 2012 and declared effective on 21 June 2012. The project consists of Asian Development Fund (ADF) loan equivalent to USD 56 million at the time of approval (loan 2808), ADF Grant of USD 19 million (Grant 0270), and a grant from the Government of Norway, equivalent to USD 25 million (Grant 0271). The total project cost is USD 128 million. With balance (USD 28 million) being funded by NEA and Government of Nepal. In addition to the loan and grants, a capacity development technical assistance (TA 7923) amounting USD 2 million has been also approved by ADB and is piggybacked to the loan and complements on implementing of Gender and social inclusion (GESI) action plan. Originally, the physical completion date of the project was 30 June 2017 and the loan closing date was 31 December 2017. However, the project has been extended till 31 March 2020 with some changes/adjustment on the scope of Tamakoshi-Khimti and Khimti-Kathmandu transmission lines and a GIS substation and a line bay extension subproject after merging the GIS substation construction component under the PTDEEP. **Table 1** summarizes the subproject descriptions.

**Table 1: Subprojects under the ETESIP**

S.N.	Subprojects
<b>1.</b>	<b>Tamakoshi-Kathmandu 220/400 kV TL</b>
1.1	New Khimti-Bahrabise 220/400 kV Transmission Lines Construction
1.2	Bahrabise-Kathmandu 220/400kV New Transmission Line construction
3	Rehabilitation of Sundarijal HPP (640 kV)
4	Rehabilitation of Tinau HPP (1MW)
5	Augmentation of Distribution Services (East): Completed at Jare, Gaur, Nijgadh, Chandragadhi, and Belbari.
6	Augmentation of Distribution Services (west): Completed at Parasi, Amuwa and Taulihawa, while ongoing at Krishnanagar, Gorakha, Mirmi and Gaddachowki.
7	Expansion of Chapali Substation (Land already acquired under EAIP 2587)
<b>8</b>	<b>Kohalpur-Mahendranagar Second Circuit</b>
8.1	Part A-1: Second Circuit Stringing of Kohalpur-Mahendranagar 132 kV Line/Lot 1 Stringing of Second Circuit.
8.2	Part A-1:Second Circuit Stringing of Kohalpur-Mahendranagar 132 kV Line/Lot 2 Substations
9.	Upgradation of Distribution Lines: at Kathmandu, Bhaktapur, Kavrepalanchowk, Sindhupalchowk, Dolakha, Sindhuli and Ramechhap. No land acquisition required.

2. The major outputs expected by the project is to improve reliability of energy supply in Nepal through: (i) electricity transmission capacity expansion, (ii) strengthening of distribution

systems including those along the Tamakoshi (Khimti)-Kathmandu transmission line, and (iii) rehabilitation of selected small hydropower plants.

3. Implementation of the Project expected to bring several positive impacts towards poverty reduction by raise on employment opportunities in the production sectors because of reliable and efficient electricity supply.

## Subproject Components and Physical Progress

4. Altogether there are 8 components with subcomponents under the ETESIP (Project). Among them upgradation of two distribution substations in eastern and western Nepal have been completed and the rest are either ongoing or impended due to April 2015 earthquake. Summary description of subprojects under each components and their overall status and key issues are briefly presented in **Table: 2**.

**Table 2: Physical/Technical Implementation Status of the Subprojects**

S.N	Sub-Projects	Overall Implementation Status
<b>A. Tamakoshi-Kathmandu 220/400 kV TL</b>		
1.1	New Khimti - Bahrabise-Transmission Lines:Construction of 220/400 kV transmission lines	<ul style="list-style-type: none"> <li>Contract awarded on Sept 26th 2016 and Contractor has been mobilized and detail design has also been completed.</li> <li>The contractor has commenced loss assessment for RoW The cadastral map collection from respective land survey office is ongoing. Similarly, overlaying route alignment on cadastral map is initiated to identify land plots under land use restriction (RoW) to determine the land size required to be acquired.</li> </ul>
1.2	Bahrabise-Kathmandu 220/400kV New Transmission Line construction	<ul style="list-style-type: none"> <li>Contract awarded on Sept 26th 2016</li> <li>Final Check survey of has been completed and foundation Work of Tower has been initiated by the Contractor in Sindhupalchowk district.</li> <li>Detail design report prepared by the contractor has been submitted to project for necessary review.</li> <li>Contractor has mobilized project and the contractor has completed detailed survey and tower design.</li> <li>Loss assessment for RoW has been completed. The route alignment has been finalized, and contractor has submitted detailed design for approval. The collection of cadastral maps from Dolakha and Sindhupalchowk district land survey office is ongoing.</li> </ul>



	<b>Progress on Social Safeguards</b>	<ul style="list-style-type: none"> <li>The Social Safeguard Officer has been mobilized by ESSD for day to day social monitoring of the project.</li> <li>Collection of the final list of the affected land owners (Tower foundation) is ongoing.</li> <li>A letter related to form the GRC/LCF has been dispatched by the project to the concerned RMs/Municipalities of Kathmandu and Bhaktapur districts.</li> </ul>
<b>Output B: Increased Electricity Transmission</b>		
2.	Kohalpur-Mahendranagar 132 kV transmission line – second circuit stringing (191 km)	<ul style="list-style-type: none"> <li>Completed all 191 km second circuit stringing of this section and Substation construction at Bhurigaun Bardiya and Pahalmanpur</li> </ul>
	<b>Progress on Social Safeguards</b>	<ul style="list-style-type: none"> <li>Water supply done from water boring as per demand of public in Kusum of Banke district</li> <li>4 roomed school building constructed in Janata Secondary school located at Rampur of Bardia district</li> <li>A toilet constructed in compound of Bal bikash adharbhat school located at Aamkhaiya of Kailali district</li> </ul>
3.	Expansion of Chapali Substation (Land already acquired under EAEI project)	<ul style="list-style-type: none"> <li>All the work completed and project already handed over to NEA</li> </ul>
<b>Output C: Expanded Electricity Distribution</b>		
4.	Augmentation of Distribution Services (East)	<ul style="list-style-type: none"> <li>Completed upgradation of 33/11 kV distribution substations at Chandragadhi, Damak (Buluchowk), Belbari, Jaleswor, Gaur, and Nijgad</li> </ul>
5.	Augmentation of Distribution Services (West)	<ul style="list-style-type: none"> <li>Upgradation of 33/11 kV substation at Parasi, Amuwa, and Taulihawa, Krishnanagar, Gorkha, Gaddachauki, and Jare has been charged since September 2018.</li> <li>Work in Mirmi has been delayed due to non performance of contractor. Now remaining work has been taken over by 02 package of ADB project.</li> </ul>
6.	Upgradation of Distribution Lines	<ul style="list-style-type: none"> <li>Completed the upgrading works at earthquake stricken areas at Kathmandu, Bhaktapur, Kavrepalanchowk, Sindhupalchowk, Dolkha, Sindhuli and Ramechhap. Some maintenance work ongoing in earth quake stricken area and road transmission.</li> </ul>
<b>Output D: Enhanced Electricity Generation</b>		
7.	Rehabilitation of Sundarijal HPP (640 kV)	<ul style="list-style-type: none"> <li>Contract agreement signed. Rehab works will be carried out at NEA's own premises, hence LA not required. However, the construction work is awaiting to complete about 500 meter road to be black topped for which bidding process is ongoing.</li> </ul>
8.	Rehabilitation of Tinau HPP (1 MW)	<ul style="list-style-type: none"> <li>The project has been taken out from the scope of ETESIP due to time span required to conduct IEE as per the Government requirement to carry out this project.</li> </ul>

## Monitoring Requirements and Frequency of Submission

5. As per the ADB reporting guidelines, borrower has to submit semiannual safeguard monitoring report in the project having resettlement impacts. The semiannual report is based on the periodical report (Quarterly and Monthly) prepared by the subprojects, review of approved documents, field information and public consultation with stakeholders, affected persons, and the relevant project staffs.

### Scope of Semi Annual Monitoring Report

6. The Semiannual report contains information on execution of different subprojects/components and on implementation of land acquisition and resettlement activities and social safeguards program as applicable. The scope of this semiannual report is specifically focused to the following project components having land acquisition and resettlement scope/impact (**Table 3**).

**Table 3: Subproject Components with Land Acquisition and Resettlement Impacts**

S.N	Subproject Components
<b>A. Tamakoshi-Kathmandu 220/400 kV TL</b>	
1.1	New Khimti-Bahrabise Transmission Lines: Construction of 220/400 kV transmission lines
1.2	Bahrabise-Kathmandu 220/400kV New Transmission Line construction
<b>Output B: Increased Electricity Transmission</b>	
3.	Kohalpur-Mahendranagar 132 kV transmission line – second circuit stringing (191 km): Land acquisition for substation component at Pahalmanpur and Bhurigaun substations
4.	Expansion of Chapali Substation (Land acquired under EAEIP project)

### Reporting Period

7. The reporting period of this semiannual report covers from July 2018 to Dec 2018.

## CHANGES IN PROJECT SCOPE AND ADJUSTED SAFEGUARD MEASURES

8. Some changes have been occurred in the ETESIP project scope mainly due to shifting of three substations components (Bahrabise, Lapsiphedi, and Changunarayan) under the Power Transmission and Distribution Efficiency Enhancement Project (PTDEEP) from the ETESIP. Accordingly, the scope of acquisition, compensation and other associated activities

of the mentioned three substations components have also been transferred under the PTDEEP.

9. After this change, the components coming under the ETESIP include (i) 400 kV Bahrabise Khimti-Kathmandu Transmission Line, (ii) Bahrabise-Kathmandu Transmission line with two sections (Bahrabise-Lapsipedi 400kV DC Transmission Line. Thus, the progress of this semiannual report has been prepared accordingly.

## **QUALITATIVE AND QUANTITATIVE DATA**

10. The monitoring report contains both quantitative and qualitative data regarding social safeguard implementation activities. Quantitative data related to safeguard issues and implementation, affected persons, affected assets, and compensation payment status were collected through NEA/Project official record or relevant project offices. The quantitative data and subjective information were collected through consultations, meetings, discussions, unofficial dialogues with Project officials, project affected families, local communities, and other stakeholders.

## **MONITORING PARAMETERS/INDICATORS AND METHODS**

The semiannual report is based on the periodical report (Quarterly and Monthly) prepared by the subprojects, review of approved documents, field information and public consultation with stakeholders, affected persons, and the relevant project staffs.

11. The ETESIP monitoring parameters/indicators include (i) type of acquisition impacts, (ii) extent of impacts, (iii) measures adopted to mitigate the impacts, (iv) implementation status of mitigation measures, (v) consultation and dissemination, (vi) grievance redressal, (vii) compensation payment, (viii) deed transfer, (ix) resettlement and rehabilitation etc and comparative analysis of current situations.

With regards to ETESIP social safeguard categorization, it was classified as category “B” during the processing phase based on the feasibility data related to social safeguards.

## SEMI ANNUAL MONITORING RESULTS

### Progress on Documentation and Approval

12. Some of the ETESIP components do not have any impacts on social safeguards as they belong to augmentation of existing substations, upgradation of distribution lines, rehabilitation projects etc. However, some of the ETESIP components require impact mitigation measures as per the SPS (2009) which include; (i) Construction of 220/400 kV transmission lines under Bahrabise-New Khimti, and (ii) Construction of 220/400kV New Transmission between Bahrabise- Kathmandu.

13. The scope of the project components in the ETESIP has been changed after shifting Bahrabise, Lapsephedi, and Changunarayan components under the PTDEEP package. As per this change, the resettlement plans of New Khimti-Bahrabise and Bahrabise-Kathmandu have to be prepared and approved from the NEA and ADB. The Draft Resettlement Action Plan (RP) document under the project was prepared and approved by the ADB during the project approval stage. The first phase RP of the transmission line section shall be updated by 30 June 2019 covering the APs of tower foundation in Sindhupalchowk district.

### Monitoring Results Compared Against the Objectives of Safeguards

#### Safeguard Objectives of ETESIP

14. The ETESIP objective is to compensate to all the affected persons having impacts on their land and other assets at replacement cost, ensure shifting, relocation assistances for them having impact on their residential, commercial and other assistances and also rental cost to them requiring rental accommodation due to impacts on their structures. In addition, the project also provides vulnerability assistances to applicable affected persons (e.g. dalit households, indigenous people households, single women headed households, households having persons with disabilities, households having senior citizens etc.). The Resettlement Plan has also provision of livelihood improvement/skill trainings to the vulnerable and significantly affected households (e.g. households having impact of more than 10% of cultivating land, households having loss of their structures, households having loss on business or earning sources). Some of the key safeguard provisions made under the entitlements matrix for the affected/displaced households under the project include:

- **Loss of Agricultural Land:** Compensation at replacement value based on current market price, Resettlement assistance and additional Assistance to Vulnerable APs/DPs.

- **Loss of residential/commercial land:** Compensation at replacement cost based on current market price, Resettlement assistance and additional Assistance to Vulnerable APs/DPs. Provision of alternative facilities and technical assistance and shifting assistance.
- **Loss of residential Structures:** Compensation of replacement value of the structure and other assets, shifting assistance and additional assistance of vulnerable APs/DPs.
- **Loss of trees and Crops:** Cash compensation at market value to be computed with the assistance of Horticulture Department depending the compensation, type age, and the productivity of trees and potential crops.
- **Loss of Income and Livelihood:** Assistance for loss of income based on three months minimum wages, additional assistance for the vulnerable households and consideration for the employment during the project construction.

The matrix of detailed entitlement provisions for different types of losses is included in **Appendix-1**.

### Land Acquisition and Compensation Completed Components

15. The project has already acquired about 5.897 ha of land for the implementation of three subprojects– substation construction at Kailali, Pahalmanpur, second circuit stringing for Bardia Neulapur (route change in certain section), and Chapali substation (Table-E-1). The land acquisition plan for Chapali Substation Expansion was prepared during the ADB funded EAEIP preparation in 2009. The compensations for all the affected persons for their assets have already been distributed by the project except for Bahrabise-New Khimti-Kathmandu 400 kV transmission lines. The details of already compensated assets have been maintained in the project office.

16. In addition, the project has mobilized contractors for Tamakoshi- Kathmandu transmission line components. The contractor has also initiated the tower foundation work in Sindhupalchowk district. Locations for tower footing and RoW alignment has been fixed.

**Table 4: Acquisition and Compensation Completed Lands for ETESIP**

S.N	Description of Impacts	Area Acquired in Ropani or Bigha as applicable (Approximately)	Area Acquired in sqm	Area in ha
1	Land required for Substation construction at Kailali, Pahalmanpur Ward No.2	3-0-9	20935	2.093

2	Land impacted due to 132 kV Second circuit stringing at Bardiya, Neulapur Ward No. 6, Bhurigaun(Bigha-Kattha-Dhur)	3-1-5	20741.17	2.074
3	Land Acquisition for Expansion of Chapali Substation	34-0-0	17297.16	1.73
<b>Total of Land Acquired and Compensated</b>			<b>58973.33</b>	<b>5.897</b>

## PROGRESS ON ACQUISITION AND COMPENSATION

### Compensation Payment for Affected Land

17. For some investment components, the ETESIP has already distributed compensations for the land acquired under the project. After the adjustment of the Project's scope the total area of acquired and compensation paid area is about 5.78 ha in Kathmandu, Bardiya, Bhuregaun, and Mahendranagar, Pahalmanpur affecting altogether 79 households **(Table 5)**.

**Table 5: Compensation Distribution Status for Acquired Land**

S.N.	Subproject Name	Displaced HHs	Acquired Land Area (ha)	Compensation Paid/Received HHs
1.	Chapali Substation	58	1.729	58
2.	Butwal-Mahendranagar: Bhuregaun Substation	8	2.	8
3.	Butwal-Mahendranagar:Pahalmanpur Substation	13	2.0935	13
	<b>Total</b>	79	5.78	79

### Compensation Payment for Affected Structures

18. The project has also compensated for ten (10) affected structures in Chapali, Butwal, Mahendranagar: Bhuregaun Substation and Butwal-Mahendranagar:Pahalmanpur Substation (Table 6). Also, the Transmission Line construction is in initial phase, there has not been any impact on any structures.

**Table 6: Compensation Distribution Status for Displaced Structures**

S.N.	Subproject Name	Displaced HHs	No. of Displaced Structures	Compensation Paid/Received HHs
1.	Chapali Substation <sup>1</sup>	4	4[1]	4
2.	Butwal-Mahendranagar: Bhuregaun Substation	2	2[2]	2
3.	Butwal-Mahendranagar:Pahalmanpur Substation	4[3]	4[3]	4
	<b>Total</b>	10	10	10

[1] Squatters who have constructed shed on affected land, and [2] & [3] The households also have affect on their land

### Compensation for Trees/ Plants

19. The project has also distributed compensation for the loss of standing trees for five affected households while acquiring land at Pahalmanpur and Bhuregaun for substation construction under Butwal-Mahandranagar Second Circuit Stringing (Table-7).

**Table 7: Compensation Distribution Status for Affected Trees**

S.N.	Subproject Name	Impact on Land (No. of HHs)	Impact on Plant/Trees (No. of HHs)	Compensation Paid/Received HHs
1.	Bhuregaun Substation	3	3	3
2.	Pahalmanpur Substation	2	2	2
	<b>Total</b>	<b>5</b>	<b>5</b>	<b>5</b>

Up to reporting period, actual loss of trees and crops have not finalized for Tamakoshi-Kathmandu 220/400 kV TL .

### The Major issues associated with Land Acquisition and compensation

- **Tamakoshi (New Khimti) - Kathmandu 220/400 kV TL (Permanent Acquisition for Towers and Restriction for RoW):** Contractor has been mobilized in the field and technical survey being carried out. The ESSD has mobilized the field level social/environmental staff in coordination with in order to facilitate the engineering team

<sup>1</sup> Compensation distribution for Chapali substation has already been paid under ADB funded energy access and improvement project

on the process of coordinating and consulting with local people likely to be affected while fixing the tower footing and RoW for new 400 kV transmission line. Project. Land acquisition for Towers in Sindhupalchowk district has been completed and compensation distribution is going on. Land acquisition for Towers in other districts is being process.

### **Livelihood Restoration of APs**

20. ADB SPS (2009) aims to enhance, or at least restore, the livelihoods of all displaced persons in real terms; relative to pre-project levels; and to improve the standards of living of the displaced poor and other vulnerable groups. Accordingly, there is practice of imparting livelihood improvement and skill development training to project affected vulnerable households. The scope of livelihood restoration and skill training under ETIESP to be applicable in (i) New Khimti-Bahrabise 400 kV Transmission Line Construction and (ii) Bahrabise- Kathmandu 400 kV TL construction components. In this regards, ESSD-NEA is responsible to implement the livelihood restoration an enhancement programs for APs/DPs in abidance with the provision of Resettlement Plan. The selection of hiring the consultant for the implementation of the livelihood restoration program is being carried out by the ESSD and it will commence after the identification of all affected households. The livelihood restoration program includes Skill Development Training, Micro-enterprises creation training, Livestock Training, Vegetable and Mushroom Farming Trainings and forest based income generation training etc which are various stage of implementation.

### **Ensuring IPs Identity, Human Rights, Livelihood and Cultural Uniqueness**

21. Acquisition of land for New Khimti-Bahrabise and Bahrabise-Kathmandu also likely to have impact to the vulnerable households including indigenous groups. The actual number of affected vulnerable HHs will be identified after the completion of processing land acquisition of tower construction and maintaining ROW for the new transmission lines. The entitlement matrix has also ensured livelihood enhancing and skill training to the significantly affected indigenous households for their livelihood improvement.

### **Grievance Redressal Mechanisms**

22. The approved RP Document of project has provisioned for GRC formation (Project Level) to minimize the grievances, ease to solve the grievances, and facilitate the compensation distribution process. Based on the RP document, the project has initiated process of GRC formation. Hence, a letter related to form the GRC/LCF in the concerned affected RMs/Municipalities has been dispatched by the project and it is in the process of formation. Up to reporting period, received grievances located at Barhabise S/S are summarized as follows



(Table-7). The received grievances are high level demands of local people and it has forwarded to the project management for discussion.

**Table-7: Received Grievances**

S.N	Received Grievances	Remarks	Status
1	Public hearing was not conducted during the land acquisition and it should be done by the project in Barhabise S/S	Written	Solved
2	Annual programs should be launched for the Environmental Mitigation	Written	Being discussed with project
3	It should be alerted to minimize the upcoming accidents during the construction	Written	
4	Compensation of land within 300 meters of the S/S area	Written	
5	Free Electricity for the affected communities	Written	Pending
6	Seven percent Share of Upper Tamakoshi Hydropower Project	Written	Pending
7	Basic development programs such as Road, Drinking Water, Irrigation and Health should be done by the project	Written	Being discussed for the measurement
8	Employment Opportunities for local people according to their skills and education	Written	Being discussed
9	Compensation for the land wherever the local roads to be extended during the delivery of the project materials	Written	Being discussed
10	Local roads and Irrigation facilities should be developed for the land of project area	Written	Being discussed for the measurement

### **Minimizing Scope of Land Acquisition**

23. One of the objectives of ADB SPS is to minimize the scope of acquisition as much as feasible and practicable. Accordingly, land acquisition in ETESIP has been minimized by using the available land owned by NEA and utilizing the Government land. ETESIP efforts on minimizing the scope of land acquisition may also be reflected through the utilization of Government land in different sections of Bahrabise –Kathmandu 400 kV transmission lines by utilizing the available and permittable government land.

### **PUBLIC CONSULTATION AND PARTICIPATION AND INFORMATION DISCLOSURE**

24. Public consultation refers to process of sharing information and knowledge seeking to understand and respond to the concerns of others and building relationship based on collaboration. The stakeholder consultation and disclosure are key elements of engagement and essential for delivery of successful project. Up to reporting period, the consultation meeting with local people was conducted by ESSD Expert located at Bhimeswor Municipality in Charikot in Dolakha and Barabise substation area in Sindhupalchowk district. The consulted people were informed about different aspects of the projects and likely resettlement impacts and mitigation measures. They were also informed about the (i) process of assessing resettlement impacts at detail design, (ii) process of compensation determination in accordance to the Land Acquisition Act 1977 and provisions of compensation and other assistance made in the Entitlement Matrix. The stakeholders involved in community consultation were, local community, APs and their

family members, local representatives of political parties, school teachers, business persons, women and vulnerable groups (Appendix-II). The Project office will disclose the semiannual report by uploading in the NEA website. ESSD has mobilized field based Environmental and Social Safeguard officer for regular monitoring and consultation and it will be continued throughout the

#### **GAPS AND CORRECTIVE ACTION PLAN**

25. The ESSD has mobilized safeguard team for Tamakoshi (New Khimti) - Kathmandu TL project to take up the safeguard activities. The following gaps are required to correct for the monitoring and implementation of social safeguard activities.

- The Grievances Redress Mechanism should be formed by Project in the project site to address the public issues.
- Local Consultative Forum (LCF)/GRC should be formed in coordination with VDC chairperson (Now Ward Chairperson) chair person is proposed to facilitate resettlement activities in field level. Involvement of ESSD/ESMU Staff in RP Implementation and monitoring activities should be continued.
- Site based Project office should be established to register the public grievances and other activities.

#### **RECOMMENDATION FOR MONITORING ADJUSTMENT**

26. The implementation and monitoring of social safeguard activities should be continued during the project implementation. The project should involve in following action for the implementation of RP.

- **Facilitate for Compensation Distribution:** The regular distribution of compensation payment for APs/DPS should be facilitated from Project office.
- **Facilitate Grievance Handling:** It should be facilitated by project by mobilizing the key staff to address the claims, obstruction and grievances. The key staff shall verify the case related to compensation claims and resettlement close collaboration with project affected families and LCF/GRC should be formed in each affected RMs/Municipalities.
- **Monitoring of Safeguard Compliance:** The contractor has mobilized for both sections of the TL, hence, regular follow up and monitoring of safeguard compliance should be continued. The project team should be involved in monitoring and provide instruction, to compile the safeguard compliance to contractor.
- **Consultation and Dissemination:** It is necessary to consult the regular consultative meeting with project affected people and other stakeholder to overcome the possible social problems and right information dissemination.

- **Social Safeguard Monitoring and Reporting Requirement:** The monitoring should be continued throughout the project construction phase and mostly two types of monitoring and reporting are required for Safeguard Implementation such as (I) compliance monitoring of resettlement Action Plan implementation and reporting in the projects with resettlement impact of category –B (Quarterly Basis) and (II) Semi-annual monitoring and Reporting of safeguard implementation activities.

## **ADJUSTMENTS OF INSTITUTIONAL ARRANGEMENT FOR MONITORING**

### **Central Level Arrangement**

#### **Environment and Social Studies Department (ESSD)**

27. ESSD is one of the departments of Engineering Service Directorate of NEA and executes all the activities related to identifying, conducting and coordinating environmental aspects of project developed by NEA in all stages such as studies, design, construction and operation. This department is responsible for the overall control of social and environment management program of the project. This department is also responsible for the coordination of work of the project at central level management of NEA and central line agencies. It is proposed that ESSD will implement environment and social monitoring program and some of the social mitigation work in coordination with concerned line agencies and local NGOs. The mitigation and social support program will be implemented by mobilizing local NGOs, Consulting firm Contractor and line agencies. The Social and Environmental Safeguards Coordinator will be responsible for overall coordination and implementation of the environmental and social mitigation programs. The Program Coordinator will be assisted by environmental and social expert at central and local level.

### **Central Level Line Agencies**

28. The central level line agencies such as Ministry of Energy, Ministry of Forest and Department of Electricity Development have responsibility for the monitoring of project activities with regards to Environmental and Social Management, Mitigation and Monitoring Plan. ESSD will coordinate with central level line agencies regarding the monitoring work. As the concerned line agency, Department of Forest is responsible for the implementation of afforestation program as per the Procedural Guideline for the Use of Forest Land 2063. Discussion will be conducted between the Project/NEA and Department of Forest regarding the implementation of the compensatory forestation program.

### **Project Level Arrangement**

#### **Project Management Directorate, NEA (PMD Office)**

29. The PMD office is overall responsible for ADB founded TL Projects for the implementation of EMP, including others like RP documents that previously agreed upon with the Donors. It has

also deputed a Director level Senior Sociologist supported by Environmentalist and Sociologist Safeguard implementation and monitoring works of TL Projects.

### **Project Manager**

30. The Project Manager will have overall responsibility regarding the implementation of EMP including others. He will be also responsible for acquiring necessary permits for forest clearance from Ministry of Forest and Soil Conservation, land acquisition and compensation etc. The Project Manager will be responsible to make sure the incorporation of IEE recommendations in tender document and contract agreement and allocation of necessary budget for the implementation of EMP and others. He will be responsible for establishment of Compensation Determination Committee (CDC), Local Consultative Forum (LCF) and Grievances Redress Committee (GRC) at district and local level. The Project Manager will be responsible to make sure the allocation of necessary budget for the implementation of the Social safeguard programs. He will also be responsible for the overall coordination of the work and make final decision on environmental, social and public concern issues.

31. Under the Project Manager Office, a Land Acquisition and Rehabilitation Unit (LARU) have been established. The in-charge of unit will be responsible for the acquisition of land and house, asset valuation and verification, implementation of compensation and rehabilitation grant (house rent, transportation and dislocation allowances) and coordination of the work with District and Central level agencies with regard to acquisition of private property. The officer in-charge of the unit will also work as member of secretary of the CDC and member of LCF.

### **Environment and Social Monitoring Unit (ESMU)**

32. An Environment and Social Monitoring Unit has been established under ESSD umbrella for day to day environmental and social monitoring of the project located at Charikot of Dolakha district for coordination of work with PAFs, local communities, VDCs, DDCs and district level line agencies. The Environmental and Social Safeguard Officers have been mobilized for day to day environmental and social monitoring of the project and responsible for submitting the compliance environmental and social monitoring reports to ESSD.

### **Compensation Determination Committee**

33. A Compensation Determination Committee (CDC) has been formed to fix compensation for loss of land and private property. The CDC will comprise of Chief District Officer, District Land Revenue Officer, DDC Representative, Project Representative and PAP/HH Representative. The main functions of the CDC will be confirmation of entitled process, assessment/Identification of PAP/HHs, compensation determination for land and private property and grievance resolution.

**Construction Contractor**

34. The construction contractor will be responsible for implementation of some of the social mitigation measures specified in his part and compliance with the tender clauses. He will be responsible for implementation of construction related mitigation measures such as occupational safety, recruitment of local labor, health and sanitation measures etc.

**PROPOSED MAJOR ITEM OF FOCUS FOR NEXT REPORT**

The next semi-annual report will be focused in completing the following activities (Table-8).

**Table-8: Targets for Next Semi-Annual Monitoring Activities**

S.N	Description	Status
1	Establishment of Environmental and Social Monitoring Unit	<p><b>December,2018:</b> ESSD has mobilized the Environmental and Social Safeguard Officer by establishing a site based Environment and Social Monitoring Unit (ESMU) located at Charikot in Dolakha District (For Tamakoshi (New Khimti-Barhabise section) as per the contractual agreement made with the project.</p> <p><b>Target for Next:</b> ESSD shall establish a site based Environment and Social Monitoring Unit (ESMU) in Barhabise (Sindhupalchowk district) or appropriate location under Barhabise-Kathmandu section for Environment and Social Monitoring of Barhabise-Kathmandu section of the Transmission line and Field based key experts shall be mobilized. The key experts shall be engaged for meaningful consultation and safeguard implementation activities.</p>
2	Mobilization of Land Acquisition Officer from the Project for Tamakoshi (New Khimti)-Kathmandu 220/400 kV Transmission Line Project	<p><b>December,2018:</b> The project has mobilized a Land Acquisition officer for both sections of the TL</p> <p><b>Target for Next:</b> The land acquisition officer with the support from field based safeguard officer shall publish the land acquisition notice in the public places. They shall identify the affected households based on the notice and socio-economic census survey shall be conducted for updating process of the RP document.</p>
3	Formation of Grievances Redress Committee(GRC) and Local Consultative Forum(LCF)	<p><b>December,2018:</b> Recently, GRC and LFC have not formed in the local and project level. The project has allowed to the CDC office to register their complaints of APS related to land acquisition and compensation.</p> <p><b>Target for Next:</b> The project shall complete the formation of GRC and LCF at the project and local level with the support of the ESMU site based staffs.</p>
4	Start land acquisition for towers foundation and Right of Way	<p><b>December,2018:</b> The detail survey report conducted by the Contractor is being reviewed.</p> <p><b>Target for Next:</b> The land required for the Towers and RoW and affected land owners shall be identified with the support from the ESMU key experts.</p>

# APPENDICES

## Appendix-1 Entitlement Matrix

### Entitlement Matrix

Type of Losses	Definition of Aps	Entitlement	Details
<b>1. Land</b>			
Loss of agricultural land	<p>Titled owners</p> <p>Affected persons (APs) with traditional land rights</p>	<p>Compensation based on market/replacement value</p> <p>Resettlement assistance</p> <p>Additional Assistance to vulnerable1 Aps</p>	<p>In case of compulsory acquisition of land, compensation will be based on market value.</p> <p>The CDC will include VDC representative and representatives (one female and one male) as invitees in the Committee</p> <p>In case of land to be possessed by the project authority with mutual and voluntary consent of the affected people, compensation will be paid on estimated market price as decided by the CDC.</p> <p>Transaction costs (documentary stamps, registration costs, etc.) will be borne by the project authority during registration.</p> <p>If the residual plot(s) is (are) not viable, e.g., less than 0.5 <i>ropani</i> in rural areas, or 2.5 <i>ana</i> in urban area,, resettlement assistances will be paid in the form of transitional allowances or <i>cultivation disruption allowance</i> based on three months of minimum wage or one season's production on the area lost. The allowance will be paid at the time of compensation Payment.</p> <p>Additional allowances will be paid to vulnerable APs .</p>
	<p>Individual tenant</p> <p>Sharecropper</p> <p>leaseholder</p>	<p>Reimbursement for unexpired lease</p>	<p>Registered tenants are entitled for 50% of the compensation for their land under tenancy.</p> <p>Lease rates will be determined by the project authority with the help of revenue department and based on consultation with landowners</p>

Loss of residential /commercial land	Titleholder APs with customary land rights	Compensation at replacement cost Additional Assistance to vulnerable APs	Cash compensation at replacement cost as determined by competent authority All fees, stamp duties, taxes and other charges, as applicable under the relevant laws, incurred in the relocation and rehabilitation process, are to be borne by the EA. Additional allowances will be paid to vulnerable APs
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*ETESIP:Loan: 2808NEP*

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<sup>7</sup>

One *ropani* roughly equals 0.05 ha. *Ana* refers to one-sixteenth of a *ropani*.



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Loss of access to forestland	Affected household with forestland access	Provision of alternative facilities and technical Assistance	Households losing access to forestland for their basic needs such as fuel, fodder, etc. will be provided access to alternative forest land. Communities will be involved in community social forestry schemes coordinated by the Department of Forests.
<b>2. Structures</b>			
Loss of residential and commercial structure	Titleholder APs having structure with customary land right Non titleholders	Compensation at replacement cost Shifting assistance Assistance	Replacement value of the structure and other assets (or part of the structure and other assets, if remainder is viable). Fees, taxes, and other charges related to replacement structure. Shifting assistance Right to salvage materials from structure and other assets with no deductions from replacement value. Additional compensation for vulnerable households.
Loss of rental Accommodation	Tenants	Rental Assistance Compensation at replacement cost	Rental assistance for both residential & commercial tenants as per the prevalent rate in the form of grant to cover maximum three month rentals.

		Shifting assistance	<p>Additional structures erected by tenants will also be compensated and deducted from owner's compensation amount.</p> <p>Shifting assistance based on type of house and household assets.</p> <p>Any advance deposited by the tenants will be refunded from owners total compensation package to the tenant on submission of documentary evidences.</p> <p>Right to salvage material from demolished structure and frontage etc. erected by tenants.</p>
<b>3. Trees and Crops</b>			
Loss of Trees	<p>Land holders</p> <p>Share- croppers</p> <p>Lease holders</p>	<p>Compensation at market value to be computed with assistance of horticulture department</p>	<p>Advance notice to APs to harvest fruits and remove Trees</p> <p>For fruit bearing trees compensation at average fruit production for next productive years to be computed at current market value</p> <p>For timber trees compensation at market cost based on type of trees</p>



Loss of Crops	Land holders Share- croppers Lease holders	Compensation at Market value to be computed with assistance of agriculture department	Advance notice to APs to harvest crops In case of standing crops, cash compensation at current market cost to be calculated of mature crops based on average production.
<b>4. Income and Livelihood</b>			
Loss of income and livelihood (affected business wage earnings, agricultural income, employees)	Legal titleholder/ tenant/leaseholder/non- titled/employee of commercial structure, farmer/agricultural worker	Assistance	Assistance for lost income based on three months minimum wage rates. Additional compensation for vulnerable households. Consideration for project employment.
<b>5. Government land and Property</b>			
Government Property (Loss of land)	Relevant Department	Lump sum compensation as per government rules	NEA may negotiate with Relevant Department on terms and conditions
<b>6. Community and Cultural Sites</b>			
Religious structures, Community structures, trust, etc.	Affected community	Conservation, protection And compensatory replacement (Schools, Community centers, markets, health centers, shrines, other religious sites, places of worship, burial sites, rights to food, medicine, and natural resources)	Impacts will be documented and mitigated. Cultural properties will be conserved through special measures such as relocation in consultation with the community.
<b>7. Temporary Loss</b>			
Temporary loss of land and temporary damage on loss of crops during construction	All APs losing land and crops on temporary basis during the construction period of the lines Farming households Sharecroppers	Notice to harvest standing Crops Compensation at market value for one season Restoration	Provision of rent for period of occupation for legal titleholders. Compensation for assets lost at replacement value. Restoration of land to previous or better quality. Additionally, cash compensation will be paid for the

	Tenants Non-titled households		temporary damage of crop under the RoW during the maintenance and repair after the construction. In case there is a need for repair or maintenance of the transmission lines in the future, the project authorities would consult with land owners land owners for access to the land for maintenance and repairs, when necessary, and that the land owners would continue to use the land for farming activities.
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<b>8. Vulnerable Households</b>			
			Additional assistance based on three months of minimum wage
Impacts on vulnerable Aps	All impacts	Vulnerable Aps	Vulnerable households will be given priority in project construction employment
<b>9. Unanticipated Impacts</b>			
Other Impacts not identified	Affected households or individuals	Compensation assistance and	Unforeseen impacts will be documented and mitigated based on the principles agreed upon in the resettlement framework.

## **Appendix-II Public Consultation Minutes**





कानून किंवा १९७६-७७ का विनियमन सार्वजनिक सेवा क्षेत्र सार्वजनिक  
हाईटेक्निकल सर्वोच्च समितिका अध्यक्ष औरवर मंडलीकी  
कोषधर्मताका मेंना वसि तपसीलको प्रस्तावको माथि दल्लदल  
जारी निर्णय गर्ने निर्णय गरियो ।

तपसिल  
१) श्री औरवर मंडली — अध्यक्ष  
२) श्री श्री अहाङ्ग पंडित — उपाध्यक्ष

३) श्री नारायण अहाङ्ग राउत —  
४) श्री विनोद कुमार राउत — सचिव  
५) श्री जीवन राउत — सह सचिव अध्यक्ष  
६) श्री श्री और अहाङ्ग (राउत) — उपाध्यक्ष  
७) श्री श्रीना राउत पंडित — सह उपाध्यक्ष

८) श्री सुबोध राउत — सदस्य पूर्वपति १३४

९) श्री श्री राउत मंडली —  
१०) श्री विमल राउत — " "

११) श्री श्री श्री मंडली — " "

१२, ईश्वर अहाङ्ग राउत  
१३, कृष्ण अहाङ्ग राउत

१४) विनोद प्रधानकारी  
१५) श्री श्री नेपाली  
१६) श्री श्री राउत

१७, सुदामा जोष  
१८, गंगा कुमारी राउत



- 22) दुर्गा व कवच ~~सफाई~~  
 23) कायल गायी ~~पुनः पक्का~~  
 24) अमल पक्का ~~कलक~~  
 25) सिर बा राउत ~~सिर~~  
 26) अमिल छुटापोकी ~~सि~~  
 27) दिना पचाया ~~लेइ~~  
 28) वसन्तकाल ~~वस~~  
 29) निम बाहाक ~~मि~~  
 30) कर्ण वहायु ~~केशिला~~  
 31) कर्ण वहायु ~~केशिला~~  
 32) ताडा व ~~मैक~~  
 33) प्रविन भण्डारी ~~मैक~~  
 34) रामपु वहायु ~~मैक~~  
 35) रीक्षण राउत ~~मैक~~  
 36) गोपाल राउत ~~गोपाल~~  
 37) मोरार गुडका ~~मोरार~~  
 38) कामर वहायु नेपाली ~~मोरार~~  
 39) भक्त वहायु राउत ~~मोरार~~  
 40) रविन राउत ~~मोरार~~  
 41) रुपस नेपाली ~~मोरार~~  
 42) वसन्त नेपाली ~~मोरार~~  
 43) रामसरा नेपाली ~~मोरार~~  
 44) सुमन नेपाली ~~मोरार~~  
 45) प्राविन नेपाली ~~मोरार~~  
 46) हत व श्रेष्ठ ~~मोरार~~  
 47) गजपति राउत ~~गजपति~~  
 48) इश्वर कुमरा ~~मोरार~~  
 49) सकिन्ट वहायु ~~मोरार~~



- 43) मित्र व शत्रु मित्र  
 44) जित व हार जित  
 45) जित व तामाङ्ग जित  
 46) राजा व रानी वरुण व रानी  
 47) हनु व राजा दत्तवर्मा  
 48) तेजमल मूल जयमल मूल  
 49) बज व शत्रु श्रीवत्स व श्रीवत्स  
 50) चक्र व हार चक्र  
 51) हारा व शत्रु शत्रु  
 52) इन्द्र व वरुण इन्द्र  
 53) अमृत कुमार शत्रु अमृत कुमार  
 54) गणेश व शत्रु गणेश  
 55) नारायण व शत्रु नारायण  
 56) मान कुमार व शत्रु मान कुमार  
 57) दिलीप शत्रु दिलीप  
 58) जेठ व शत्रु जेठ  
 59) शेरवत्स शत्रु शेरवत्स  
 60) शेरवत्स शत्रु शेरवत्स  
 61) शेरवत्स शत्रु शेरवत्स  
 62) शेरवत्स शत्रु शेरवत्स



1	रामकृष्ण राउत	रामकृष्ण
2	दत्त व वस्नेत	दत्त व वस्नेत
3	सुवास वस्नेत	सुवास
4	रामकुमार वस्नेत	रामकुमार
5	नारायण तामडा	नारायण
6	पूर्ण व श्रेष्ठ	पूर्ण व श्रेष्ठ
7	राज व श्रेष्ठ	राज
8	चक्र कुमारी खड्क	चक्र कुमारी
9	कासि व राउत	कासि
10	बल व श्रेष्ठ	बल
11	मनु व राउत	मनु
12	नैन कुमारी	नैन कुमारी
13	अनजली व श्रेष्ठ	अनजली
14	मैत्र व वस्नेत	मैत्र
15	देवकी वस्नेत	देवकी
16	अमल व बस्नेत	अमल
17	रामकुमार राजकुमार देवर	रामकुमार राजकुमार
18	बलराम वस्नेत	बलराम
19	लक्ष्मी वस्नेत	लक्ष्मी
20	वसन्ती माया वस्नेत	वसन्ती माया
21	नैन कुमारी वस्नेत	नैन कुमारी
22	अनजली वस्नेत	अनजली
23	सासी श्रेष्ठ	सासी
24	एनमाया वस्नेत	एनमाया
25	तैजु व राउत	तैजु
26	रामेश मुखतान	रामेश
27	वृत्ता व मुखतान	वृत्ता
28	धर्मे शवरी	धर्मे
29	दोल दोल व ओर	दोल
30	कुल व कुमाल	कुल



प्राज निधि 206x100/28 मा यस 'सिमा क्षेत्र' सब स्टेशन -  
 हर्डिन्सन सरोकार समिति; काठमाडौं न.पा. वडा नं. 8 सि.पा.  
 वा काठमाडौं श्री क्षेत्र मठारीको काठमाडौंको सचिवालयको  
 वडा वसि तृणालिका प्रस्तावहरू माथि छलफल गरि-  
 निर्णय गरियो ।

### उपस्थित

- मेमोबरी १) क्षेत्र मठारी - अध्यक्ष  
 २) मेम - के. वडा (पाँचौं) - उपस्थित  
 ३) नारायण वडा (रात) - "  
 मुख्य ४) विमल कुमार खड्का - सचिव  
 मेमबरी ५) जीवन रात - सह सचिव  
 ६) श्री वडा (खड्का) - कोषाध्यक्ष  
 ७) समिता चौधरी - सह सचिव कोषाध्यक्ष  
 ८) रात शरण मठारी - सचिवालय सदस्य  
 विशेष ९) विशाल वरत - "  
 १०) प्रमोदी मठारी - "  
 ११) नारायण मठारी - विमल "

### आमन्त्रित

सुर्जन रात - प्रमुख सल्लाहकार एवं मूल समिति  
 सदस्य - पुष्पा कुमारी  
 गणेश गणेश शर्मा - सदस्य - मूल कार्य समिति

### प्रस्तावहरू

- १) मूलमा स्थापनाक सप्ततुत गर्ने छलफलका -  
 विषयवस्तुहरूको बारेमा ।  
 २) निविदा -



## PHOTOGRAPHS





**With Local People**



Consultation with Local People in Dolakha





Safeguard Officer consulting with Local People



Stakeholder Consultation in Barhabise, Sindhupalchowk



***Stakeholder Consultation at Charange, Dolakha***