

Social Monitoring Report

Biannual Monitoring Report

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NEP: Electricity Transmission Expansion and Supply Improvement Project

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

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CURRENCY EQUIVALENTS

(9 July 2016)

Currency Unit	-	Nepalese Rupee (NRs)
NRs1.00	-	108.11
US \$1.00	-	1.00

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
OIPA	-	Officer Initiating Preliminary Action OIPA
kV	-	kilo Volt
NEA	-	Nepal Electricity Authority
RoW	-	Right of Way
RP	-	Resettlement Plan
SPS	-	ADB Safeguard Policy Statement (2009)
T/L	-	Transmission Line

Table of Contents

A.	BACKGROUND	4
A-1	Subprojects and Physical Progress	4
A-2-1	Scope of Semi Annual Monitoring Report	6
A-2-2	Reporting Period	7
B.	CHANGES IN PROJECT SCOPE AND ADJUSTED SAFEGUARD MEASURES	7
C.	QUALITATIVE AND QUANTITATIVE DATA	7
D.	MONITORING PARAMETERS/INDICATORS AND METHODS	8
E.	SEMI ANNUAL MONITORING RESULTS	8
E-1	Progress on Documentation and Approval	9
E-2	Monitoring Results Compared Against Previously Established Benchmarks	9
E-3	Monitoring Results Compared Against the Objectives of Safeguards	9
E-3-1	Safeguard Objectives of ETESIP	9
E-3-2	The Monitoring Results	10
F.	PROGRESS ON ACQUISITION AND COMPENSATION	12
F-1	Compensation Payment Status for Affected Land	13
F-2	Progress on Compensation Payment for Affected Structures	14
F-3.	Livelihood Restoration and Gender Development	15
F-4.	Ensuring IPs Identity, Human Right, Livelihood and Cultural Uniqueness	15
F-6	Grievance Redressal Mechanisms	16
F-7.	Minimizing Scope of Land Acquisition	17
G.	GAPS AND CORRECTIVE ACTION PLAN FOR MITIGATION	17
H.	RECORDS ON DISCLOSURE OF MONITORING INFORMATION	17
I.	MONITORING ADJUSTMENT MEASURES RECOMMENDED	18
J.	INSTITUTIONAL ADJUSTMENTS TO IMPLEMENT MONITORING PLAN	18
K.	PROPOSED MAJOR ITEM OF FOCUS FOR NEXT REPORT	18

List of Table:

Table A-1: Subprojects under the ETESIP	Error! Bookmark not defined.
Table A-2: Physical Implementation Status of the Subprojects	4
Table A-3: Subproject Components having Land Acquisition and Resettlement Impacts	7
Table-E-1: Estimated Land Area to be Acquired Different Investment Components	10
Table F-1: Compensation Distribution/Payment Status of Acquired Land	Error! Bookmark not defined.
Table F-2: Submitted Grievances and Status	16
Table K-1: Focus of Next Semi Annual Report	18

APPENDICES

A. BACKGROUND

1. Electricity Transmission and Supply Improvement Project (ETESIP) was approved by ADB on 15 November 2011, agreement with government signed on 23 March 2012 and declared effective on 21 June 2012. The Project consists of Asian Development Fund (ADF) loan equivalent to \$56 million at the time of approval (Loan 2808), ADF grant of \$19 million (Grant 0270), and a grant from the Government of Norway equivalent to \$25 million (Grant 0271). The total project cost is \$128 million with balance (\$28 million) being funded by NEA and the government of Nepal (GoN). In addition to the loan and grants, a capacity development technical assistance (TA 7923) amounting \$250,000 has been approved by ADB and is piggybacked to the loan and complements the loan in implementation of Gender and Social Inclusion (GESI) Action Plan. The loan and grant closing date is 31 December 2017 while the TA 7923 closed on 31 December 2015.

2. The expected outcome of the project is improved electricity supply. The project will fund 3 components: (i) improving the performance of transmission, (ii) distribution, and (iii) generation system of NEA.

A-1 Subprojects and Physical Progress

3. The subprojects corresponding to the project outputs (i) increased electricity transmission, (ii) expanded electricity distribution, and (iii) enhanced electricity generation and their status are presented in Table: A-1.

Table -1: Status of the Subprojects

SN	Sub-Projects	Status
Output A: Increased Electricity Transmission		
1	Kohalpur-Mahendranagar 132 kV Transmission Line- 2 nd Circuit Stringing	<ul style="list-style-type: none"> • Works is ongoing. • Land acquired and compensation paid for constructing substations at Neulapur VDC of Bardiya district and between Pahalmanpur-Aamkhaiya of Kailali district for substation construction and ROW impacts.

SN	Sub-Projects	Status
2.	Tamakoshi (New Khimti)- Kathmandu 220/400kV Transmission Line	<ul style="list-style-type: none"> • Contract for Tamakoshi (New Khimti)- Barhabise 220/400 kV Transmission Line is in the process of being awarded. • IFB for Barhabise- Kathmandu 400/220 kV and 132 kV Transmission Line has been published. • For the substations at Barhabise, Lapsipedi, and Changunarayan, bidding documents preparation is in process. • Compensation Determination Committee finalized the compensation rates for proposed land at Barhabise SS. [Official notice has also been published in national newspaper for affected households inviting to receive compensation distribution for their affected assets.] • IEE for the transmission line has been approved. • RP section for Barhabise substation is updated (draft). • Notice for land acquisition for Chagunarayan substation has been published and census of project affected households has been completed. • NEA identified land for Lapsipedi substation • Land acquisition and ROW for transmission line is yet to be initiated.
3.	Expansion of Chapali Substation (Land already acquired under EAEIP)	<ul style="list-style-type: none"> • Expansion works ongoing at Chapali substation (land acquired by NEA under previous project). • Expansion works completed at Bhaktapur and Okhatar substations.
Outout B: Expanded Electricity Distribution		
4.	Augmentation of Distribution Services (East)	<ul style="list-style-type: none"> • Upgradation of 33/11 kV distribution substations at Chandragadhi, Damak (Buluchwouk), Belbari, Jaleswor, Gaur, Nijgadh, and Jare are complete. • This is rehabilitation in the existing substations and land acquisition was not required.
5.	Augmentation of Distribution Services (west)	<ul style="list-style-type: none"> • Upgradation of 33/11 kV substations at Parasi, Amuwa, and Taulihawa are complete, while it is ongoing at Krishnanagar, Gorkha, Mirmi, and Gaddachowki • This is rehabilitation in the existing substations and land acquisition was not required.

SN	Sub-Projects	Status
6.	Upgradation of Distribution Lines	<ul style="list-style-type: none"> • Distribution lines upgradation is ongoing. • The proposed sites for upgrading are mostly earthquake stricken areas at Kathmandu, Bhaktapur, Kavrepalanchowk, Sindhupalchowk, Dolakha, Sindhuli and Ramechhap. • Earthquakes and subsequent landslides have impeded the progress of the project. • No land acquisition is required.
Output C: Enhanced Electricity Generation		
7.	Rehabilitation of Sundarijal HPP (640 kW)	Contract agreement has been signed. Rehabilitation works will be carried out at existing power plant premises, hence land acquisition not required.
8	Rehabilitation of Tinau HPP (1MW)	<ul style="list-style-type: none"> • Procurement is in process.. • No acquisition required as the works will be done in the existing plant premises.

A-2 Monitoring Requirements and Frequency of Submission

4. As per the semiannual reporting guidelines of ADB, the borrower (NEA) prepares semiannual safeguard monitoring report and submits to ADB for the project having resettlement impacts. The semiannual report is to be based on the periodical report submitted by the subprojects, document review, field information and meeting and consultation with stakeholders, affected persons, and the relevant project staff.

A-2-1 Scope of Semi Annual Monitoring Report

5. The Semiannual report contains information on execution of different subprojects/components including land acquisition and resettlement plan (RP) implementation activities and also ensures safeguard provisions and compliance verification as applicable. The scope of this semiannual report includes the following project components having land acquisition and resettlement scope/impact (**Table A-2**).

Table A-2: Subproject Components having Land Acquisition and Resettlement Impacts

S.N.	Subproject Components
1.	Tamakoshi(New Khimti)- Kathmandu 220/400 kV Transmission Line and associated substations
2.	Expansion of Chapali Substation
3.	Second Circuit Stringing of Kohalpur-Mahendranagar 132 kV Transmission Line and associated substations

A-2-2 Reporting Period

6. The reporting period of this semiannual report covers from January to June 2016.

B. CHANGES IN PROJECT SCOPE AND ADJUSTED SAFEGUARD MEASURES

7. Land acquisition activities required under different subprojects are in at various stages. The project was classified as category "B" in terms of social safeguard impact during the approval; however, it is likely to need a revisit as the resettlement impact of Barhabise, Changunarayan, and Lapsiphedhi substations are final. It can be considered as category "B" in case of Kohalpur- Mahendranagar 132 kV subproject components.

C. QUALITATIVE AND QUANTITATIVE DATA

8. The monitoring report contains both quantitative and qualitative data. Quantitative data related to safeguard issues and implementation; affected persons, affected assets, and compensation payment status were collected through NEA's official record and relevant project offices. Likewise, information allied to the quality of quantitative data and other subjective information were collected through consultation, meeting, discussion, unofficial dialogue with project officials, project affected families, local communities, and other stakeholders.

D. MONITORING PARAMETERS/INDICATORS AND METHODS

9. Screening of resettlement category and classification of impact is the main parameter of monitoring safeguards issues. Based on screening and classification of safeguard impacts in accordance to ADB SPS 2009 the monitoring parameter of ETESIP has been determined as following:

- a) **Category A:** If the proposed project is likely to have significant involuntary resettlement impacts to 200 or more persons will be physically displaced from home, 200 or more persons lose 10% or more of their productive or income generating assets or 200 or more persons experience a combination of both.
- b) **Category B:** If the proposed subproject includes involuntary resettlement impacts that are not deemed significant.
- c) **Category C:** The proposed subproject has no involuntary resettlement impact.
- d) In addition, any voluntary donation was verified by an independent third party to in accordance with the project resettlement framework.

10. In accordance to classifications above, the resettlement impacts of the ETESIP has been categorized as "B" during approval but it is likely to affect more than 200 persons and categorization need to be reassessed.

11. The monitoring method of this semiannual report is based on some fundamental parameters/indicators which also include; (i) type of acquisition impacts, (ii) extent of impacts, (iii) measures adopted to mitigate the impacts, (iv) implementation status of mitigating measures, (v) consultation and dissemination, (vi) grievance redressal, (vii) compensation payment, (viii) deed transfer (ix) resettlement and rehabilitation etc. and comparative qualitative analysis of current situations.

E. SEMI ANNUAL MONITORING RESULTS

12. Monitoring is vital also for updating the baseline conditions, assessing social/resettlement impacts and ensuring effective mitigation measures. It is essential for proper implementation of social safeguard measures. Some of the key progress made on social safeguard implementation are summarized as follows:

E-1 Progress on Documentation and Approval

13. Most of the project components do not require social safeguards assessment as they belong to augmentation of existing substations, upgradation of distribution lines, and rehabilitation projects not requiring land acquisition. Only some of the components have scope of social safeguards/resettlements (e.g. Barhabise, SS, Changunarayan SS, Lapsiphedhi SS, Barhabise-Khimti TL construction and RoW restriction, and Kohalpur Mahendranagar 132 kV second circuit stringing subproject. Barhabise and Changunarayan substations sections of the Resettlement Plan are being updated after conducting census and socioeconomic survey.

E-2 Monitoring Results Compared Against Previously Established Benchmarks

14. The project is yet to start benchmarking for compensation distribution and other associated activities.

E-3 Monitoring Results Compared Against the Objectives of Safeguards

E-3-1 Safeguard Objectives of ETESIP

15. Under ETESIP, compensation will be provided to all the affected persons having impact on their land and other assets at replacement rate, ensure shifting cost, relocation assistance for them having impact on their residential/ commercial and other structures, assistance and rental cost. In addition, the project also provisions vulnerability assistances to applicable affected persons (e.g. dalit households, indigenous households, single women headed households, households having disabled persons, households having senior citizens etc.). There is also provision of livelihood improvement/skill training to the vulnerable and significantly affected households (e.g. households having more than 10% of cultivating land, households having loss of their structures households having loss on business or earning sources.)

16. The Entitlement Matrix (EM) of ETESIP, prepared during the feasibility phase, ensures safeguard provisions for the persons having impact on their land and other assets affected due to the project. In general, the major safeguard provisions made for the displaced households also includes:

- (i) **Permanent acquisition of agricultural/ residential/ commercial and other private lands by landowners:** Cash compensation at replacement cost based on current market price. Provision of land for land compensation will be made for those APs having complete loss of land in accordance to the prevailing Act if land is available.
- (ii) **Land restricted to use except for cultivation along the RoW of transmission lines:** One time cash compensation for the land restricted to maintain RoW of the new transmission lines, except use for agriculture purpose.
- (iii) **Loss of residential / commercial and other structures by titleholders:** Cash compensation for the loss of built-up structures at full replacement costs based on current market price.
- (iv) **Loss of residential / commercial structures by squatters:** Cash compensation for the loss of built-up structures at full replacement costs.
- (v) **Loss of agricultural crops, fruit and wood trees:** One time cash compensation for the temporary loss of agricultural crops along the corridor of RoW due to stringing of T/L at current market price based on average production of the affected area, etc.

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

E-3-2 The Monitoring Results

18. **Table E-1** summarizes the estimated land area to be acquired for different subproject components under ETESIP, however, information on total acquisition scope is yet to come because the process of determining land and acquisition scope are not initiated for; (i) Lapsipedi substation, (ii) Tamakoshi (New Khimti)-Kathmandu transmission line (for transmission tower construction and RoW maintenance).

Table-E-1: Estimated Land Area to be Acquired for Subprojects

S.N	Subprojects	Description of Land To be Acquired		
		Estimated Land Area in (Ropani-Aana-Paisa-Daam)[a]	Area in (square meter)[b]	Area in Ha[c]
A. Land To be Acquired Through Formal Acquisition				
1.	Pahalmanpur Substation ,Kailali, (Ward No.2)	-	20935	2.0935
2.	Bhurigaon substation, Bardiya, (Neulapur Ward No. 6)	3-1-5	20741.17	
3.	Barhabise Substation, Barhabise	160-0-0-0	81398.4	8
4.	Lapsiphedi Substation, Kathmandu	Yet to be acquired [d]	Yet to be acquired	
5.	Changunrayan Substation, Bhaktapur	84-0-0-0	42734.16	4.27
6.	Land Required for Construction TL Tower in Barhabise – Kathmandu Transmission Line	Yet to be acquired [e]	Yet to be acquired	
7.	Chapali Substation ¹	34-0-0-0	17297.16	1.729
B. Restriction of Land to Maintain RoW				
8.	Tamakoshi(New Khimti)- Kathmandu 220/400 kV Transmission Line	Yet to be acquired	Yet to be acquired	???
	Area of Land To be Restricted for RoW			

Note: the actual area of land will be updated after acquisition of land for the remaining components

[a]=Land measurement units followed in hill area of Nepal, according to which 1 ropani = 16 aana, 1 aana= 4 paisa and 1 paisa = 4 Daam, [b] 1 ropani = 508.74 sq.m. [c] 0.10000 m²=1 ha. [d] NEA has identified land for Lapsiphedi Substation and still working on details on land to be acquired. Once the area will be determined it will also be included in the total land to be acquired for the project resulting an increase in estimated affected area

19. With regards to progress on other associated activities the monitoring identified the followings results:

- (i) NEA is processing to determine actual area of land to be acquired for Lapsiphedi substation and then to notify the affected persons and then acquisition.

¹ Land Acquisition and compensation distribution for this subproject was completed under Energy Access and Improvement Project funded by ADB

- (ii) NEA is awaiting to mobilize contractors to initiate land acquisition process for transmission towers and restricting land for Right of Way (ROW) for Tamakoshi (NewKhimti)-Kathmandu transmission line.

20. Progress on the completion of land acquisition activities yet to be updated in the next semiannual report.

F. PROGRESS ON ACQUISITION AND COMPENSATION

21. The progress on land acquisition for the subproject under the ETESIP may be summarized as follows:

- a. Land acquisition for Barhabise substation will be completed upon Government's complete decision.
- b. Land acquisition and compensation distribution has been completed in Chapali substation. It is to be noted that land acquisition and compensation payment for Chapali substation was carried out under the ADB funded Energy Access and Efficiency Improvement Project.
- c. Land acquisition and compensation for constructing substation at Neulapur VDC of Bardiya district and required to restrict ROW land for double circuiting of 132 kV TL between Pahalmanpur-Aamkhaiya of Kailali and for constructing substation at Bhuregaun of Bardia districts has already been completed.

22. As reported by Project Managers of Chapali substation and Kohalpur – Mahendranagar 2nd circuit subprojects, all the process and steps as stipulated in Land Acquisition Act -1977 (e.g. notification, delineation of affected assets, identification and listing project affected households with information on affected assets, compensation fixation for Compensation Determination committee etc) was followed while acquiring land for these subprojects. However, compensation was fixed after several rounds of discussion between the project affected families, project, the Government representatives (CDO), and other relevant stakeholders.

F-1 Compensation Payment Status for Affected Land

23. As shown in **Table E-1** an estimated area of 18.3 ha of private land has already been processed for acquisition under ETESIP. The area of land likely to be increase after acquiring land for (i) Lapsiphedhi substation, (ii) towers construction for Tamakoshi (New Khimti) – Kathmandu transmission line, and (iii) Restricting ROW for Tamakoshi (New Khimti)- Kathmandu transmission line. Based on the findings of semiannual monitoring, land acquisition and compensation payment has been completed in Chapali, Pahalmanpur and Bhuregaon substations (Table F-1). Details on affected assets and compensation distribution status are incorporated in Appendix-2.

Table F-1 Progress on Compensation Distribution

S.N.	Subproject Name	Impact on Land No. of HHs	Impact on Structure No. of HHs	Impact on Plant/Trees No. of HHs	Total Affected HHs	Compensation Paid/Received HHs
1.	Chapali Substation ²	58	4[1]	-	62	62
2	Butwal-Mahendranagar					
2.1	Bhuregaun Substation	8	2[2]	3	8	8
2.2	Pahalmanpur Substation	13	4[3]	2	13	13
		83	10	5	83	83

[1] squatters who have constructed shed on affected land

[2]& [3] The households also have affect on their land

24. The following are the progresses on land acquisition and compensation distribution activities:

- (i) **Barhabise Substation:** Acquisition of about 8 ha of land for Barhabise substation is in final stage. The formal notification to affected households, census and socioeconomic survey, updating of RP has already been completed by NEA. At present finalization of compensation rate for land is in process.

² Compensation distribution for Chapali substation has been paid under ADB funded energy access and improvement project

- (ii) **Tamakoshi (New Khimti) - Kathmandu 220/400 kV TL (Permanent Acquisition for Towers):** Land acquisition activities are yet to be processed for transmission towers construction. This is to be started after confirming location for the towers after check survey by the contractor.
- (iii) **Tamakoshi (New Khimti)-Kathmandu 220/400 kV TL (Restriction for RoW):** The scope of ROW restricting land will be determined after, check survey, public notification, and consultation with local community and likely to be affected persons.
- (iv) **Lapsipedi Substation:** The Project has mobilized the Officer Initiating Preliminary Action (OIPA) to collect the field level information from Lapsipedi site and to get acquisition notice published in national newspapers through relevant Chief District Officer (CDO) as provisioned in Land Acquisition Act.

25. The land acquisition and compensation distribution in ETESIP has been slow. Till now, compensation rate fixation for Changunarayan and Lapsipedi substations and Tamakoshi (New Khimti) – Kathmandu transmission line is still in initial stage.

F-2 Progress on Compensation Payment for Affected Structures

26. Ten affected structures (4 in Chapali substation and 6 in Kohalpur –Mahendranagar Second Circuit) have already been compensated by relevant subproject. Compensation for about 12 structures (including cattle sheds) impacted in Barhabise substation is remaining. Similarly, based on preliminary census data one affected temporary residential shed in Changunarayan substation will have to be compensated. For Lapsipedi substation site, the project is assessing necessary information about the acquisition and will be updated in next semiannual report.

27. The compensation Determination Committee (CDC) in Barhabise has decided to pay compensation for the affected structures in the substation site only after field verification of affected structures and coordination with National Reconstruction Authority (NRA) as some of the structures (already notified as acquired for the project) of affected person have been damaged due to April 2015 earth quake . Though not quoted formally, CDC is of the opinion that verification of affected person's interests on receiving compensation for affected structure (either through the project or NRA) would be helpful for avoiding the chances of dual distribution of compensation/relief aid. It is because the Government has also provisioned relief packages for

earthquake victims in the districts which may also include the project affected households having impact on their houses due to earthquake.

F-3. Livelihood Restoration and Gender Development

28. 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 living standards of the displaced poor and other vulnerable groups. Accordingly, there is a practice of imparting livelihood improvement and skill development training to eligible family members of project affected vulnerable households. The scope of livelihood restoration and skill training under ETESIP is likely to be applicable in Tamakoshi (New Khimti)- Kathmandu 220/400 kV transmission line and associated substations .

29. The updated resettlement plan for Barhabise substation provisions livelihood restoration/ improvement, gender development and skill training to the target groups in subproject location. Such provisions will also be ensured for Changunarayan and Lapsipedi substations. The progress on these subcomponents will be incorporated after imparting trainings and other awareness and capacity building program in different subproject locations.

F-4. Ensuring IPs Identity, Human Right, Livelihood and Cultural Uniqueness

30. Acquisition of land for Barhabise substation have impact on 11 indigenous households of Newar community. Similarly, another 23 indigenous households are likely to be affected in Changunarayan due to land acquisition. Based on consultation with the affected households during census and socioeconomic survey, acquisition of land with adequate compensation may not likely to create adverse impact or generate major issues related to identity, culture, social network, human rights and living standard of the affected indigenous households (Newar and Magar) households as the community will be able to continue their culture without any serious harm. In addition to compensation for the affected assets, the project has also provisioned other assistances to the affected indigenous households. The entitlement matrix has ensured livelihood enhancing and skill training to the significantly affected indigenous households for their livelihood improvement.

31. The Newar indigenous/ethnic people in the subproject location has been found mainstreamed with other people in the area sharing common cultural values and norms as well

as languages and benefiting from the similar economic opportunities and even maintaining cross-cultural relationship in some cases. The IP and minors in the project location are neither hunter nor pastoralist groups. They are not solely using their own distinct language for communication, unaware about mainstream language, and having completely independent culture and other traditional livelihood (like, fishing, hunting, collecting herbal plants). However, details on affected indigenous people in Barhabise substation area and other subproject locations will be accessed and necessary mitigation measures will also be adopted as per SPS as needed.

F-6 Grievance Redressal Mechanisms

32. Land Acquisition Act 1977 encourages forming Grievance Redress Committee (GRC) for easing to solve the grievances related to the acquisition that may be submitted in land acquisition process. The RP of ETESIP has provisioned for GRC to minimize the grievances, ease to solve the grievances, and facilitate the compensation distribution process. The contact address of NEA officials is provided NEA in its website where grievances related to acquisition and compensation can also be lodged. Some of the grievances submitted in different by project affected families and other concern groups in different subprojects have been summarized as follows in **Table F-2**.

Table F-2: Submitted Grievances and Status

S.N.	Submitted Grievances	Action Taken and Status
Barhabise Substation		
1.	Dissatisfaction on Compensation Rate: The project has been informally informed that displaced persons in Barhabise substation site have submitted their grievance to the Ministry of Home to increase the compensation rate determined for project affected land. [1 st week of July]	July 2016: <ul style="list-style-type: none"> The process to address the issue is yet to start.
Changunarayan Substation		

2.	<p>Interest groups concern on NEAs plan to construct substation at identified site at Changunarayan: Some people in the vicinity have expressed their concern against NEA decision for selecting the determined site at Changunarayan. Besides they are also alleging that the substation construction site comes under the international heritage site. [June 2016]</p>	<p>July 2016:</p> <ul style="list-style-type: none"> • NEA has resolved the issue through site verification and corresponding with relevant World Heritage Office in Nepal that the substation location is not within the restricted area of International heritage area.
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F-7. Minimizing Scope of Land Acquisition

33. One of the objectives of Bank Policy in Involuntary Resettlement (IR) is to minimize the scope of acquisition as much as feasible and practical. Land acquired for the project compared to the estimated area of land during the feasibility phase also has to be reviewed. Land acquisition for some subprojects (e.g. Lapsipedi, Barhabise-Khimti-Kathmandu transmission and tower construction etc.) are still not complete. Therefore, information on actual area of land acquired for the project and area of land estimated during feasibility for acquisition will be included in next semiannual report after the completion of land acquisition for all subprojects.

G. GAPS AND CORRECTIVE ACTION PLAN FOR MITIGATION

34. NEA has been working for strengthening the existing system of social/resettlement safeguard implementation in the changed context. NEA is in the process of establishing a dedicated safeguards unit for Tamakoshi (New Khimti)- Kathmandu TL project.

H. RECORDS ON DISCLOSURE OF MONITORING INFORMATION

35. The Project through the PMCO will disclose the semiannual report by uploading in the NEA website. The report will also be uploaded in ADB website.

I. MONITORING ADJUSTMENT MEASURES RECOMMENDED

36. According to Project Administration Manual (PAM) the project is to be regularly monitored throughout the implementation phase. Mainly two types of monitoring and reporting activities are required for safeguard implementation. They are; (i) semiannual monitoring and reporting of safeguard implementation activities and (ii) compliance monitoring of resettlement plan implementation and reporting in the projects with resettlement impact of category A (having impact to more than 200 persons).

37. The social safeguards implementation activities subprojects yet to be fully carried out. Upon the implementation of safeguards activities monitoring will also be initiated and area and scope of adjustment will be assessed and reported in upcoming semiannual reports.

J. INSTITUTIONAL ADJUSTMENTS TO IMPLEMENT MONITORING PLAN

38. As an approach of institutional adjustment to implement the social safeguards monitoring in ETESIP, NEA/PMCO is in the process of: (i) establishing a central level Safeguard Unit and (ii) involve Environment and Social Studies Department (ESSD) under the NEA for assisting and supporting social safeguard assessment and implementation activities.

39. There will be a Social Safeguard Specialist (central level) for the overall support, monitor and report safeguard implementation related activities. Also the field based safeguard personnel will be assigned.

K. PROPOSED MAJOR ITEM OF FOCUS FOR NEXT REPORT

40. Next semiannual report will also be focused on the land acquisition and progress on safeguard complying activities as summarized in **Table K-1**.

Table K-1: Focus of Next Semi Annual Report

S.N	Description	Status
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1.	Establishment and operationalization of Safeguards Unit in the Project	
2.	Completion of land acquisition, compensation and other safeguard requirements and deed transfer for Barhabise, Changunarayan and Lapsipedi substations sites	
5.	Initiation of RoW restriction, compensation process for RoW and land for tower footings for Tamakoshi(New Khimti)- Kathmandu 220/400 kV Transmission Line	
7.	Other relevant progresses	

APPENDICES

Appendix-1

Table 10: Entitlement Matrix

Type of Losses	Definition of APs	Entitlement	Details
1. Land			
Loss of agricultural land	Titled owners Affected persons (APs) with traditional land rights	Compensation based on market/replacement value Resettlement assistance Additional Assistance to vulnerable ¹ APs	In case of compulsory acquisition of land, compensation will be based on market value. The CDC the Land Acquisition Act will include VDC representative and representatives (one female and one male) as invitees in the Committee 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. Transaction costs (documentary stamps, registration costs, etc.) will be borne by the project authority during registration. If the residual plot(s) is (are) not viable, e.g., less than 0.5 <i>ropani</i> ⁷ 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 Additional allowances will be paid to vulnerable APs . Registered tenants are entitled for 50% of the compensation for their land under tenancy. Lease rates will be determined by the project authority with the help of revenue department and based on consultation with landowners
	Individual tenant Sharecropper leaseholder	Reimbursement for unexpired lease	
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

⁷ One *ropani* roughly equals 0.05 ha. *Ana* refers to one-sixteenth of a *ropani*.

Type of Losses	Definition of APs	Entitlement	Details
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.
2. Structures			
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 Shifting assistance	Rental assistance for both residential & commercial tenants as per the prevalent rate in the form of grant to cover maximum three month rentals. Additional structures erected by tenants will also be compensated and deducted from owner's compensation amount. Shifting assistance based on type of house and household assets. Any advance deposited by the tenants will be refunded from owners total compensation package to the tenant on submission of documentary evidences. Right to salvage material from demolished structure and frontage etc. erected by tenants.
3. Trees and Crops			
Loss of Trees	Land holders Share- croppers Lease holders	Compensation at market value to be computed with assistance of horticulture department	Advance notice to APs to harvest fruits and remove trees For fruit bearing trees compensation at average fruit production for next productive years to be computed at current market value For timber trees compensation at market cost based on type of trees

Type of Losses	Definition of APs	Entitlement	Details
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.
4. Income and Livelihood			
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.
5. Government land and Property			
Government Property (Loss of land)	Relevant Department	Lump sum compensation as per government rules	NEA may negotiate with Relevant Department on terms and conditions
6. Community and Cultural Sites			
Religious structures, Community structures, trust, etc.	Affected community	Conservation, protection and replacement 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.
7. Temporary Loss			
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 Tenants Non-titled households	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 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.

Type of Losses	Definition of APs	Entitlement	Details
8. Vulnerable Households Impacts on vulnerable APs	All impacts	Vulnerable APs	Additional assistance based on three months of minimum wage. Vulnerable households will be given priority in project construction employment.
9. Unanticipated Impacts Other Impacts Not Identified	Affected households or individuals	Compensation and assistance	Unforeseen impacts will be documented and mitigated based on the principles agreed upon in the resettlement framework.

1 woman-headed households, scheduled tribe households, below poverty line households, and households headed by physically handicapped or disabled perso

Appendix-2

**A. Information on Affected Households, Affected Assets and Compensation Paid Amount in
Chapali Substation**

SN	Ward No.	Parcel No.	Land Owner's Name	Area of Acquired Land				Compensation Received Amt (NRs)	Received Date	Bank Cheque No.
				Ropani	Aana	Paisa	Daam			
1	Chapali- 6 ga	2189	Indra Bahadur Khadka	0	6	3	0	4,117,500	066-6-27	8240468
2		2096	Krishna Kumar Rajak	0	5	3	0	3,507,500	066-6-27	8240469
3		2218	Dhan Bahadur Khadka	0	7	0	0	4,270,000	066-6-27	8240470
4		2186	Jeevan Singh Lama	0	9	2	0	5,795,000	066-6-29	8240480
5		2136	Hira Maya Lama	0	3	0	0	1,830,000	066-6-29	8240481
6		2137	Indu Maiya Joshi	0	4	0	0	2,440,000	066-7-5	8240487
7		2192	Bimala Rai	0	5	2	1	3,393,125	066-7-6	4240488
		2153	Bimala Rai	0	1	2	0	78,7500	"	"
		1941	Bimala Rai	0	9	0	0	4,725,000	"	"
		2134	Bimala Rai	0	4	3	0	2,897,500	"	"
8		2135	Lava Rajak	0	6	2	0	39,65,000	066-7-6	8240492
		2144	Lava Rajak	0	0	3	0	457,500	"	"
9		2138	Jyoti KC	0	2	3	0	1,677,500	066-7-6	8240493
10		2133	Janaki Shah	0	5	2	0	3,355,000	066-7-9	8240496
11		2098	Lekh Prasad Bohara	0	5	0	0	3,050,000	066-7-11	8251741
12		2234	Shanker Karki	0	3	3	2	2,440,000	066-7-11	8251742
		2237	Shanker Karki	0	0	0	2	"
		2141	Jagat Bahadut Tamang	0	3	0	0	1,830,000	066-7-11	8251743
14		2143	Gosu Pyakrel	0	9	0	0	5,490,000	066-7-11	8251744
15		2100	Bina Kumari Rai	0	4	0	0	2,440,000	066-7-11	8251745

SN	Ward No.	Parcel No.	Land Owner's Name	Area of Acquired Land				Compensation Received Amt (NRs)	Received Date	Bank Cheque No.
				Ropani	Aana	Paisa	Daam			
16		2080	Asha Rani	0	5	0	0	3,050,000	066-7-11	8251747
17		1439	Pema Dolma Shrestha (Lama)	0	8	2	0	5,185,000	066-7-11	8251747
18		2081	Dev Bahadur Dara	0	0	1	0	2,859,375	066-7-11	8251748
19		1792	Dev Bahadur Dara	0	4	1	3	"	"	"
		2099	Parvati Gurung	0	3	0	0	1,830,000	066-7-11	8251750
		2272	Samjhana Thapa	0	3	0	0	2,440,000	066-7-11	8251748
		2236	Samjhana Thapa	0	0	0	2	"	"	"
20		2239	Samjhana Thapa	0	0	3	2	"	"	"
		1896	Padhupati Wanipng	0	4	0	0	2,440,000	066-7-12	8251764
		566	Ishwari Prasad Khatiwada	0	5	0	0	3,050,000	066-7-18	8251771
23		866	Shatyamaya Shrestha	0	5	0	0	2,000,000	066-7-18	8251762
24		2193	Rajendra Shrestha	0	5	0	1	3,088,125	066-7-18	8251773
25		2184	Shubha Laxmi Prajapati	0	5	0	0	5,490,000	066-7-18	8251772
		2217	Shubha Laxmi Prajapati	0	1	1	2	"	"	"
		2219	Shubha Laxmi Prajapati	0	2	2	2	"	"	"
		2188	Sabuta Koirala (paudel)	0	6	0	0	3,660,000	066-7-18	8251775
27		865	Krishna Bahadur Pariyar	Shed				204,143	066-7-18	8251776
28		893	MRs Punya Kumari Pathak, Govinda Pathak	0	12	0	0	7,320,000	066-7-18	8251776
29		2170	Ganesh Maya Prajapati, Nita Maharjan, Rita Maharjan	0	0	3	1	3,660,000	066-7-18	8251779
		2173	Ganesh Maya Prajapati, Nita Maharjan, Rita Maharjan	0	5	0	3	"	"	"
30		1945	Shyam Prajapati	0	2	2	0	2,000,000	066-7-18	8251783

SN	Ward No.	Parcel No.	Land Owner's Name	Area of Acquired Land				Compensation Received Amt (NRs)	Received Date	Bank Cheque No.
				Ropani	Aana	Paisa	Daam			
31		1945	Shyam Prajapati	0	0	0	0	"	"	"
		1886	Sunita Pariyar, Amrit Pariyar, Yeliya Pariyar	Shed				115,152	066-7-22	8251787
32		2040	Mithu Devi Ojha Bhattarai	0	3	0	0	3,660,000	066-7-23	8251788
		2097	Mithu Devi Ojha Bhattarai	0	3	0	0	"	"	"
33		2178	Sita Silwal	2	12	0	1	26,916,250	066-7-27	8251802
34		2283	Nirmal Gurung	1	7	2	0	14,335,000	066-7-27	8251802
35		865	Krishna Bahadur Pariyar	0	5	0	0	20,00,000	066-8-5	8251810
36		547	Pelu Sherpeni	1	0	0	0	9,760,000	066-8-5	8251811
37		1861	Kalyani Keshari+ Sanumaya Shrestha	0	5	0	0	3,050,000	066-8-15	5281816
38		1936	Sadhuram Tamang	1	0	0	0	8,400,000	066-8-19	8251822
39		1160	Daiya Adikari, Rita Khadka	0	7	0	0	3,675,000	066-8-21	8251820
40		1896	Sushila Pariyar, Amrit Pariyar, Yeliya Pariyar	0	4	0	0	1,600,000	066-9-2	8251822
41		783	Chandra Bahadur Kunwar	0	4	0	0	2,100,000	066-9-30	105763
42		2273	Kalpana Khadka, Asha Khadka	1	0	2	0	10,065,000	066-9-30	10576327 +10576226
43		540	Tek Bahadur Gurung	0	10	0	0	5,250,000	066-9-28	10576329
44		2194	Nimi Paudel (Regmi)	0	4	0	0	2,440,000	066-9-28	10576330
45		2037	Lal Maya Lama	0	4	0	0	2,100,000	066-10-8	10576348
46		2041	Bharat Bista	0	2	3	2	1,753,725	066-10-7	10576349
47		2152	Dilmaya Tamang	0	3	0	0	1,575,000	066-10-8	10576350
48		1407	Bishnu Gurung/Bhupati	0	6	2	0	3,965,000	066-10-10	1057354

SN	Ward No.	Parcel No.	Land Owner's Name	Area of Acquired Land				Compensation Received Amt (NRs)	Received Date	Bank Cheque No.
				Ropani	Aana	Paisa	Daam			
			Tamang							
49		2220	Bimala Rai	1	0	1	2	11,437,500	066-10-10	1057355
		365	Bimala Rai	0	4	0	0	"	"	1057356
50		2235	Sudarshan Khadka	0	2	2	0	1,830,000	066-10-11	10576356
		2238	Sudarshan Khadka	0	0	2	0	"	"	"
51		33	Jurw Kharel	0	8	1	0	4,331,250	066-10-11	10576372
		2154	Ram Gurung	0	0	1	1	1,830,000	066-10-11	10576373
52		2156	Ram Gurung	0	2	2	3	"	"	"
		539	Jyoti Shrestha	0	10	0	0	1,050,000	066-12-6	10710269
54		2142	Bimala Rai	0	2	0	0	1050000	066-12-6	10710269
	3 Kha	272	Shiva Bahadur Khadka	Shed				574251.76	067-1-3	
55		272	Shiva Bahadur Khadka	0	0	1	0	400,000	067-1-7	
		1459	Shiva Bahadur Khadka	0	0	1	0	400,000	067-1-6	
56		1020	Ram Prasad Kharel	Shed				473,525	067-3-6	11309545
		1161	Sanindra Khadka	1	11	2	0	16,775,000	067-1-23	11341646
58		27	Shatya Maya Shrestha, Ishwar Bahadur Shrestha, Jayaram Shrestha, Kailash Bahadur Shrestha, Mohi Batai Tamang	1	8	0	0	12,600,000		
							Total	26,548,289.73		

**B. Information on Affected Households, Affected Assets and Compensation Paid Amount Kohalpur –
Mahendranagar 132 kV Second Circuit Stringing**

(i) Details of Land Acquisition and Compensation for Substation At Neulapur-6, Bhuregaon

S.N.		Kitta No.	Area (Bigha-Kattha- Dhur)	Value NRs of Affected Land	Value of Physical Structures Affected	Value of Affected Plant and Trees	Total Compensated Amount
1.	Sharda Sharma	568	0-5-16	2,610,000			2,610,000
2.	Balika Devi Sharma	567	0-6-16	3,060,000		94,400	3,154,400
3.	Prabha Devi Karki	566	0-9-0	4,050,000		103,550	4,153,550
4.	Devendra Karki	565	0-19-16	8,910,000	826905.26	41,050	9,777,955.26
5.	Rudra Prasad Sharma	1238	0-1-0	450,000	113458.74		563458.74
6.	Manju Kumari Chapai	1426	0-4-19	2,227,500			2,227,500
7	Dilip Kandel	1443	0-6-18	3,105,000			3,105,000
8	Chandra Prasad Kandel	1442	0-2-8 ½	1,991,250			1,991,250
9	Chandra Prasad Kandel	1450	0-2-11- 3/4	1,164,375			1164375
	Total		3-1-51/4	27,568,125	940.364	239,000	28,747,489

(i) Details of Land Acquisition and Compensation Details for Substation At Amkhaiya-2, Pahalmanpur, Kailali

S.N.		Kitta No.	Area (square meter)	Value NRs of Affected Land	Value of Physical Structures Affected	Value of Affected Plant and Trees	Total Compensated Amount
1.	Khusiyal Dagaura Tharu	10	1635	1,689,886.95			1,689,886.95
2	Kamalkishore Dagaura	11	625	645,981.25			645,981.25
3	Tika Kami	12	610	567428.10			567428.10
4.	Naine Kami	13	615	572079.15			572079.15
5.	Jainuk Chaudhari	14	1900	1,963,783.00			1,963,783.00
6.	Bahadur Sunuwar	16	2660	2,749,296.20			2,749,296.20
7.	Bhakta Bahadur Kathayat	17	3295	3,405,613.15	166189.42		3571811.57
8.	Kamal Bahadur Kathayat	24	1285	1,328,137.45			1,328,137.45
9.	Bijaya Ram Budha	25	1285	1,328,137.45			1,328,137.45
10.	Shinha Bir Thagunna	30	1756.25	1,815,207.31			1,815,207.31
11.	Udaya Thagunna	31, 33	1756.25	1,815,207.31		28,500	1,843,207.31
12.	Dhana Bahadur Thagunna	32	1756.25	1,815,207.31		112059.07	1,927,277.38
13	Jaya Bahadur Thagunna	34	1756.25	1,815,207.31	60992.96		1876200.27
	Total			21,511,171.95	3,392,250.45	28,500	21,878,922.40