

Social Monitoring Report

Semi-Annual Report

Project Number: 44219-014

Loan /Grant: 3139/0397

Period Covered: Jul-Dec 2017

March 2018

NEP: South Asia Sub-Regional Economic Cooperation (SASEC) Power System Expansion Project (NEA_On Grid Component)

Prepared by Nepal electricity Authority for the Asian Development Bank.

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Social Monitoring Report

Semi Annual Monitoring Report

(July- December) 2017

NEP: South Asia Sub-regional Economic Cooperation (SASEC)
Power System Expansion Project (Loan No. 3139/ Grant No. 0397)

Prepared by the Environment and Social Studies Department, Nepal Electricity Authority, Nepal for the Asian Development Bank.

Reviewed and supervised by: Project Supervision Consultant (Power Grid Corporation of India Ltd. in association M/s Jade Consult)

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March'2018

ACRONYMS AND ABBREVIATIONS

| | | |
|-------|---|--|
| ADB | : | Asian Development Bank |
| AP | : | Angle Point |
| APs | : | Affected Peoples |
| DPs | : | Displaced Peoples |
| CDC | : | Compensation Determination Committee |
| CDO | : | Chief District Officer |
| CGI | : | Corrugated Galvanized Iron |
| DKTLP | : | Dana-Kushma 220kV Transmission Line Project |
| EIA | : | Environmental Impact Assessment |
| ESMU | : | Environmental and Social Management Unit |
| ESSD | : | Environment and Social Studies Department |
| GoN | : | Government of Nepal |
| HH | : | Household |
| IEE | : | Initial Environmental Examination |
| IP | : | Indigenous People |
| IPP | : | Indigenous People's Plan |
| LAA | : | Land Acquisition Act |
| LCF | : | Local Consultative Forum |
| MKTLP | : | Marsyangdi-Kathmandu 220kV Transmission Line Project |
| MoEn | : | Ministry of Energy |
| NEA | : | Nepal Electricity Authority |
| PAF | : | Project Affected Family |
| PAP | : | Project Affected People |
| PCC | : | Portland cement Concrete |
| PCP | : | Public Communication Policy, 2011 |
| PMD | : | Project Management Directorate |
| RCC | : | Rod Cement Concrete |
| RF | : | Resettlement Framework |
| RP | : | Resettlement Plan |
| SPS | : | Safeguard Policy Statement, 2009 |
| S/S | : | Sub-station |
| TL | : | Transmission Line |
| VDC | : | Village Development Committee |

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1. THE PROJECT DETAILS

1.1 Background of the Project

Asian Development Bank (ADB) approved the South Asia Sub-regional Economic Cooperation (SASEC) Power System Expansion Project on July 4, 2011 and signed the loan/grant/project agreement with the Government of Nepal (GoN) on July 11, 2014. Nepal Electricity Authority (NEA) has received financial assistance from the ADB with co-financing from Norway and loan from European Investment Bank (EIB) toward the cost of Safeguards Implementation and Monitoring work of the following transmission line projects under SASEC-PSEP.

1. Kali Gandaki Corridor:

- Dana-Kushma 220 kV transmission line
- Kushma-New Butwal 220 kV transmission line
- New Butwal-Bardaghat 220 kV transmission line
- Construction of grid substations : 100 MVA (33.33 MVA X 3 single phase unit), 220 kV/132 kV at each of Dana and Kushma substation and 25 MVA, three phase, 132 kV/33 kV at Dana and 100 MVA, 3 phase, 220 kV/132 kV at New Butwal along Kali Gandaki corridor.

2. Marsyangdi Corridor:

- Khudi-Udipur-Marki Chowk-Bharatpur 220 kV transmission line, and substation at Khudi, switchyard at Udipur, Marki Chowk substation, and bay extension at Bharatpur
- Manang-Khudi 220 kV transmission line, and associated substations at Manang and bay extension at Khudi

3. Marsyangdi to Kathmandu:

- Marki Chowk-Matatirtha 220 kV transmission line, and associated bay extension at Matatirtha
- Construction of 480 MVA, 220 kV/132 kV grid substations along Marsyangdi-Kathmandu route.

The major objectives of SASEC Transmission line projects are: (i) Power transmission capacity from Kali Gandaki basin, Marsyangdi basin, Marsyangdi to Kathmandu. This Semiannual Social Monitoring Report has been prepared to cover and evaluate the social activities conducted by the Environmental and Social Management Unit (ESMU) for the period of July'17 to Dec.'17.

1.2 Physical Progress of the Project Activities

Up to reporting period, Dana-Kushma 220 kV line and associated substations under Kali Gandaki Corridor and Marsyangdi-Kathmandu 220 kV line and associated substations are at various stage of construction. The major activities of these projects are given below (Table 1).

Table 1: Physical Progress of the Sub-projects

| S.N. | Sub- Projects | Status |
|------|--|---|
| 1 | Kali Gandaki Corridor: Dana - Kushma 220kV transmission line, and substations at Dana, Kushma | <p>Khurkot(Kushma) Substation and Access Road:</p> <ul style="list-style-type: none"> • RCC, PCC and shuttering of boundary wall, retaining wall is ongoing in a progressive way. • Substation gantry tower foundations are ongoing. • Cutting and leveling of access road from Armadi to Khurkot is still ongoing. • A Control room for Khurkot substation is |

| | | |
|---|--|---|
| | | <p>ongoing in a progressive way.</p> <ul style="list-style-type: none"> • The access road work is ongoing. • The stone masonry wall for the access road has been completed. • The protection wall for the access road has been completed. • The labor camp has been arranged inside the substation few months ago. <p>Dana Substation:</p> <ul style="list-style-type: none"> • First stage PCC, RCC and wall shuttering of boundary wall and retaining wall has been completed and second stage shuttering is being carried out. • Control room foundation is now complete and staircase, lintel beam also completed. • Backfilling of boundary wall, retaining wall is continuing. • The compound wall for the Dana substation has been completed for northern side. • The foundation of gantry towers of substation ongoing. <p>Tower Footing:</p> <p>Dana-Kushma 220 kV Transmission Line:</p> <ul style="list-style-type: none"> • Tower Foundation of 15 locations have been completed in Parbat District and 14 locations in Myagdi have been completed. (Detailed list of completed tower locations is enclosed as Annexure-‘A’) <p>Safeguards Implementation:</p> <ul style="list-style-type: none"> • Hoarding Boards installation work in 28 different places of the alignment (Related to environment, social and health and safety) • The CSR meetings are ongoing for CSR implementation. • The First level GRC formation has been completed for Kushma MC in Parbat District and Raghuganga RM in Myagdi district. • The CFUG Meeting with public has been completed for the permission of tower foundations. • Some issues are solved by the GRC meeting. • Some issues solved by meeting with PAPs, contractor, project, PSC and ESSD unit. • The ESSD unit finalized the date for the Awareness program on forest and wildlife conservation training which started on 23 January, 2018 for the 100 CFUG's member. |
| 2 | <p>Kali Gandaki Corridor:</p> <ul style="list-style-type: none"> • Kushma - New Butwal 220kV transmission line, and substation at New Butwal and | <ul style="list-style-type: none"> • Contract has signed on November 8, 2017 and the contract effective date is December 15, 2017. |

| | | |
|---|--|--|
| | <ul style="list-style-type: none"> New Butwal - Bardaghat 220kV transmission line, and substation at Bardaghat | <ul style="list-style-type: none"> New Butwal-Bardaghat 220 kV transmission line section is under progress. NEA is re-surveying the alignment where grievances have been received. |
| 3 | <p>Marsyangdi Corridor: Khudi-Udipur-Marki Chowk-Bharatpur 220kV line, and substation at Khudi, switchyard at Udipur, Marki Chowk substation, and bay extension at Bharatpur and Manang-Khudi 220kV line, and associated substations at Manang and bay extension at Khudi</p> | <ul style="list-style-type: none"> Construction not yet started. |
| 4 | <p>Marsyangdi-Kathmandu: 220 kV Transmission Line and Associated Substations</p> | <p>Markichowk Substation:</p> <ul style="list-style-type: none"> Site leveling and soil investigation completed <p>Marsyangdi-Kathmandu 220 kV transmission line</p> <p>Tower Footing:</p> <ul style="list-style-type: none"> Total 40 towers Foundation for route alignment has been completed and 21 towers construction activities is ongoing. (Detailed list of completed tower locations is enclosed as Annexure-‘A’) <p>Matatirtha Substation:</p> <ul style="list-style-type: none"> Site leveling under progress and soil investigation completed <p>Safeguard Implementations:</p> <ul style="list-style-type: none"> Community/Social Awareness programs have been conducted in ten different places of Chitwan, Dhading and Gorkha Districts from October to November, 2017. A total of 351 local people were participated. Hoarding Boards installation work in 25 different place of the alignment(Related to Environment, Social and Health and Safety) PM forwarded the letter to all the affected Municipality and Rural municipality of Gorkha and Dhading district for GRC formation. Now, PM is waiting to receive the representative from stakeholders for GRC formation. The CSR meetings are ongoing for CSR implementation. |

1.3 Reporting Period

The reporting period of this Semiannual Social Safeguard Monitoring Report covers period of July'17 to Dec.'17.

1.4 Monitoring Requirements and Frequency of Submission

As per loan covenants, monitoring of RIPP is to be disclosed by NEA through semiannual safeguard monitoring report and submitted to ADB for information/disclosure. The compliance status against loan covenants is enclosed as **Annexure-‘B’**. The semiannual report is based on the periodical report (Quarterly, Monthly) prepared by the subprojects, review of approved documents, field information and public consultation with stakeholders, affected persons, and the relevant project staffs.

1.5 Scope of Semi Annual Monitoring Report

The Semiannual report covers the information on execution of different subprojects/components including land acquisition and resettlement plan 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 impact (Table 2).

Table 2: Scope of Semi-Annual Monitoring Report

| S.N. | Sub- Project components |
|------|--|
| 1 | Dana - Kushma 220kV transmission line and associated substations under Kali Gandaki Corridor |
| 2 | Marsyangdi-Kathmandu 220 kV Transmission Line and associated substations |

2. CHANGES IN PROJECT SCOPE AND ADJUSTED SAFEGUARD MEASURES

The project was classified as category “B” in terms of social safeguard impact during the approval. The project scope is same as approved. However, 1.53 ha additional land is acquired for the Khurkot Substation. The above minor change does not affect the project categorization in terms of social safeguard.

The updated draft RIPP has been prepared and submitted to NEA. While preparing draft updated RIPP, Entitlement Matrix has been followed.

3. QUALITATIVE AND QUANTITATIVE DATA

This monitoring report covers both quantitative and qualitative data. Quantitative data related to safeguard issues and implementation (e.g. area of affected land, number of affected households and their affected assets, and compensation payment status etc.) were collected through Project office recorded at the site. Likewise, information associated to qualitative data and other subjective information were collected through consultation, meeting, discussion, official and informal dialogue with project staffs, project affected families, local communities, and other stakeholders.

4. MONITORING PARAMETERS/INDICATORS AND METHODS

Resettlement impacts in all projects have been screened and classified as Category “B” as per ADB SPS 2009.

The monitoring method of this semiannual report is based on some important parameters/indicators including; (i) type of acquisition impacts, (ii) extent of impacts, (iii) measures adopted to minimize the impacts, (iv) implementation status of mitigating measures, (v) consultation and participation, (vi) grievance redressed, (vii) compensation payment and (viii) resettlement and rehabilitation etc.

5. SEMI ANNUAL MONITORING RESULTS

The results of monitoring are summarized in the following sections:

5.1 Documentation and Approval

The combine Resettlement and Indigenous People Plan (RIPP) under SASEC project was prepared and approved by the ADB in June 2011. The updated RIPP is being prepared and will be completed by end of April 2018.

5.2 Land Acquisition and Compensation Distribution

Land acquisition of Dana and Khurkot substations under Kali Gandaki Corridor and Markichowk & Matatirtha substations under Marsyangdi-Kathmandu section has been completed. Based on the latest data, a total of 14.89 ha (7.91 ha + addl. 1.53 ha for Khurkot substation & 5.45 ha for Dana Substation) has been acquired under Kali Gandaki corridor. Similarly, a total of 9.22 ha land (3.02 ha for Markichowk substation & 6.19 ha for Matatirtha substation) has been acquired under Marsyangdi-Kathmandu 220 kV section (Table 3). As regard land acquisition for tower foundation, 4.77 ha and 4.8 ha land has been acquired for Kali Gandaki corridor and Marsyangdi-Kathmandu 220 kV section respectively. The details of proposed land in RIPP and actual land acquired is as follows:

Table 3: Details of Land Acquisition

| S.N. | Sub-project Components | As per RIPP(ha) | Acquired Land (ha) |
|--|--|-----------------|-----------------------------------|
| 1. Kali Gandaki Corridor | | | |
| 1.1 | Dana Substation | 5 | 5.45 |
| 1.2 | Khurkot Substation | 10 | 7.91 |
| 1.3 | Khurkot Substation (Addl) | | 1.53 |
| | Sub-Total | 15 | 14.89 |
| 1.4 | Tower Foundation (Dana-Kushma line) | 2.97 | 4.77 |
| | Total | 17.97 | 19.66 |
| 2. Marsyangdi-Kathmandu (MKTLP) | | | |
| 2.1 | Markichowk Substation | 3.5 | 3.02 |
| 2.2 | Matatirtha Substation | 5 | 6.19 |
| | Sub-Total | 8.5 | 9.22 |
| 2.3 | Tower Foundation (Marsyangdi-Kathmandu TL) | 5.87 | 4.8 (Dhading and Gorkha District) |
| | Total | 13.37 | 14.02 |

The compensation determination committee has decided the compensation rate of tower foundation of Myagdi and Parbat districts of DKTLP whereas, for MKTLP, compensation rate for Gorkha district (Gorkha MC, Shahid Lakhan RM and Gandaki RM) have fixed by CDC. The CDC meeting will be held as soon as possible in Dhading District.

The compensation payment has been completed in Dana and Khurkot substation. The additional land acquisition (1.53 ha) for the Khurkot substation has been acquired and total NRs. 1,587,843.24 has been targeted for 33 land parcels of 21 households. The details of rates fixed by CDC for additional land is as given below in table 4.

Table 4: Rate Fixed by CDC Meeting (For Additional Acquired Land in Khurkot Substation)

| S.N. | RM/Municipality* | Plot No. | Ward No | Valuation/Ropani |
|----------------|------------------|--|---------|------------------|
| GROUP A | | | | |
| 1 | Kusma | 23, 91, 92, 93, 94, 265, 896, 897, 1105, 1108, 1555, 1556, 1770, 1771 and 1790 | 2 | 800,000/- |
| GROUP B | | | | |
| 1 | Kusma | 84, 89, 1396, 1397, 1398, 1605 and 1606 | 2 | 550,000/- |
| GROUP C | | | | |
| 1 | Kusma | 53, 54, 75, 76, 86, 1505, 1506 and 1607 | 2 | 350,000/- |
| GROUP D | | | | |
| 1 | Kusma | 1251, 1252, 1253 | 2 | 200,000/- |

Source: Project Record, 2017

The details of rates fixed by CDC for tower foundation in Parbat district is as given below in table 5.

Table 5: Rate Fixed by CDC Meeting in Parbat district

| S.N. | RM/Municipality* | Tower no. | Valuation/Ropani |
|----------------|------------------|---|------------------|
| GROUP A | | | |
| 1 | Kusma | 1A, 1B, 2, 2A | 1,000,000/- |
| 2 | Jaljala | 6A | 800,000/- |
| 3 | Jaljala | 21, 21A, 19, 22, 17, 17A, 17 B, 24, 24A | 950,000/- |
| GROUP B | | | |
| 1 | Kusma | 1C, 2/1, 2/2 | 800,000/- |
| 2 | Jaljala | 6A, 6B | 600,000/- |
| 3 | Jaljala | 23, 18, 18A, 25, 25A | 775,000/- |
| GROUP C | | | |
| 1 | Kusma | 3, 5 | 600,000/- |
| 2 | Jaljala | 7 | 550,000/- |
| 3 | Jaljala | 26 | 575,000/- |

The details of rates fixed by CDC for tower foundation in Myagdi district is as given below in table 6.

Table 6: Rate Fixed of Acquired Land by the CDC Meeting for tower foundation (Myagdi District)

| S.N. | RM/Municipality* | Former VDC | Ward No. | Valuation/Ropani |
|----------------|------------------|------------------|----------|------------------|
| GROUP A | | | | |
| 1 | Raghuganga RM | Begkhola, Baduk | 1 | 1,300,000/- |
| 2 | Annapurna RM | Dana | 3 | 1,300,000/- |
| 3 | Annapurna RM | Ghar | 6 | 1,300,000/- |
| 4 | Annapurna RM | Histan | 7 | 1,300,000/- |
| GROUP B | | | | |
| 1 | Annapurna RM | Dowa | 1 | 1,000,000/- |
| 2 | Annapurna RM | Dana | 3 | 1,000,000/- |
| 3 | Raghuganga RM | Beg Khola, Baduk | 1 | 1,000,000/- |
| GROUP C | | | | |
| 1 | Raghuganga RM | Bhagawati | 2 | 800,000/- |
| 2 | Raghuganga RM | Piple | 3 | 800,000/- |
| 3 | Annapurna RM | Bhurung Tatopani | 2 | 800,000/- |
| 4 | Annapurna RM | Dana | 3 | 800,000/- |
| 5 | Annapurna RM | Ghar | 6 | 800,000/- |
| 6 | Annapurna RM | Histan | 7 | 800,000/- |
| GROUP D | | | | |
| 1 | Raghuganga RM | Piple | 3 | 650,000/- |
| 2 | Annapurna RM | Dowa | 1 | 650,000/- |
| 3 | Annapurna RM | Dana | 3 | 650,000/- |
| 4 | Annapurna RM | Ghar | 6 | 650,000/- |
| GROUP E | | | | |
| 1 | Annapurna RM | Dana | 3 | 500,000/- |

Source: Project Record, 2017

The valuation had been completed for 34 towers and 37 towers by the CDC in Parbat and Myagdi Districts respectively amounting to NRs. 36,668,794.09 and NRs. 48,293,147.91.23 APs have received the compensation regarding the tower foundation and substation (additional

land). Remaining will be provided as soon as possible. The APs from Markichowk and Matatirtha substations have already been received the compensation. The compensation for land acquisition for tower foundation has been disbursed only in Gorkha District under MKTLP. In Gorkha District, 8 APs has received the compensation out of 15 APs in Gorkha Municipality (then Deurali VDC) and 39 APs has received the compensation out of 46 APs in Shahid Lakhan RM (then Manakamana VDC), however, in Gandaki municipality (Ghyalchowk VDC), compensation has been fixed by CDC meeting however, disbursement has not been proceed. The CDC meetings in Dhading are under progress and rate will be finalized shortly. The details of rates fixed by CDC for tower foundation in Gorkha district is as given below in table 7.

Table 7: Rate Fixed by CDC Meeting (Gorkha District)

| RM/ Municipality* | Former VDC | Khet/ Bari | Rate (Per Ropani) | | |
|-------------------|-----------------|------------|-------------------|------------------|-------------------|
| | | | Earthen Motor Way | Track Way /Gally | Not touching Road |
| Gandaki RM | Ghyalchowk-5 | Khet | 13 Lakh | 11 Lakh | 10 Lakh |
| | | Bari | 12 Lakh | 10.5 Lakh | 9.5 Lakh |
| Gandaki RM | Ghyalchowk- 9 | Khet | 14 Lakh | 12 Lakh | 10.5 Lakh |
| | | Bari | 13 Lakh | 11 Lakh | 10 Lakh |
| Shahid Lakhan RM | Manakamana-8 | Bari | 6.5 lakh | 5.5 lakh | 4.5 lakh |
| Shahid Lakhan RM | Manakamana-6 &7 | Khet | 13 lakh | 11 lakh | 9.5 lakh |
| | | Bari | 8.5 lakh | 7.5 lakh | 6.5 lakh |
| Gorkha MC | Deurali-4&7 | Khet | 13 lakh | 11 lakh | 9.5 lakh |
| | | Bari | 11 lakh | 10 lakh | 8.5 lakh |

Source: Project Record, 2017

5.2.1 Compensation for Acquired Land

A total number of 345 HHs affected due to land acquisition in Dana and Khurkot substations and tower foundations in Myagdi and Parbat districts under Dana-Kushma section of Kali Gandaki Corridor. A total of 101 HHs of Dana and Khurkot substation has been compensated by the project and the land compensation for the towers has yet to be compensated in Myagdi District whereas 9 APs and 14 APs has received the land compensation for tower foundation and additional land for substation respectively in Parbat District. The total compensation NRs. 892,030 paid to 09 APs for 3 towers in Pang Village and NRs. 9,571,675 has been paid to 14 APs of Khurkot Substation.

Similarly, a total of 116 HHs affected due to the land acquisition for Markichowk and Matatirtha substations and 284 HHs affected in Gorkha and Dhading district by Tower foundation under Marsyangdi-Kathmandu 220 kV line section. Total compensation disbursed to 47 HHs for tower foundation in Gorkha Distt. is NRs. 16,486,439.45 and NRs.3,728,516 is under process for remaining 14 HHs. List of affected households and compensation amount paid by the project for Gorkha District is given in Annexure-‘C’.

The compensation of substations and tower foundation that has been disbursed by NEA till the reporting period is given in below:

Table 8: Compensation Distribution Status

| S. N | Sub-project Components | Affected HHs | Acquired land | Compensation received HHs | Compensation target (NRs) | Compensation paid (NRs) |
|---------------------------------|------------------------|--------------|---------------|---------------------------|---------------------------|-------------------------|
| 1. Kali Gandaki Corridor | | | | | | |
| 1.1 | Dana Substation | 17 | 5.45 | 17 | 27,118,086 | Paid |

| | | | | | | |
|--------------------------------|--|------------|--------------|-----------------------|-------------------|-----------------------|
| 1.2 | Khurkot Substation | 84 | 7.91 | 84 | 23,642,687 .05 | Paid |
| 1.3 | Tower Foundation (Myagdi) | 78 | 2.54 | Yet to be received | 48,293,147 .91 | |
| 1.4 | Tower Foundation (Parbat) | 145 | 2.23 | 9 | 36,668,794 .09 | 892,030 for 09 APs |
| 1.5 | Khurkot substation (Addl.) | 21 | 1.53 | 14 | 10,571,675 | 9,571,675 |
| | Sub-Total | 345 | 19.66 | 101 | | |
| 2. Marsyangdi-Kathmandu | | | | | | |
| 2.1 | Markichowk Substation | 18 | 3.02 | 18 | 60,768,621 .02 | Paid |
| 2.2 | Matatirtha Substation | 98 | 6.19 | 98 | 35,211,566 .29 | Paid |
| | Sub-Total | 116 | 9.22 | 116 | | |
| 2.3 | Tower Foundation(Dhading) | 187 | 2.32 | Yet to be received | | |
| 2.4 | Tower Foundation(Gorkha) (Gorkha MC & Shahid Lakhan RM) | 97 | 2.48 | 47 | 20,214,955 .02 | 16,486,439 .45 |
| | Sub-total | 284 | 4.80 | | | |

5.2.2 Compensation for Structures

Up to monitoring period, one structure and shed has been compensated in Khurkot substation under Dana-Kushma of Kali Gandaki corridor. The structures falling under land use restriction yet to be finalized.

5.2.3 Compensation of Crops loss

The project paid NRs 7,644.22 for the loss of maize and millet according to the rate of district agriculture office, Parbat district. Crops loss by the construction activity of AP-2 in Kushma Municipality ward no 1 pang tar has been also paid. NRs 115,514.02 has been paid to 3 HHs towards compensation for trees and Bamboos at location AP-5.

Generally, the households having impact on land also have loss of crops. While paying compensation for the loss of land the affected households has also been paid compensation for the loss of crops from the acquired land. A total of 84 HHs have been received the compensation for loss of crops in Khurkot substation under Kali Gandaki corridor. For Dana substation under Kali Gandaki Corridor & Markichowk and Matatirtha substation under Marsyangdi-Kathmandu, crop compensation is yet to be paid.

5.2.4 Progress on Assurances to Vulnerable Households:

In Parbat District, 55 HHs have been identified as vulnerable groups in which 16 are marginalized, 13 are indigenous, 19 are women headed, 5 are disabled and 2 are below poverty line. In Myagdi District, 14 HHs have been identified as vulnerable group in which 1 is marginalized group, 8 are indigenous people, 3 are women headed, 1 is below poverty line and 1 is disabled. In Dhading District, 26 HHs have been identified as vulnerable group in which 18 are indigenous, 7 are woman headed and 1 is below poverty line. In Gorkha District, 38 HHs have been identified as vulnerable group in which 10 are marginalized, 13 are indigenous, 6 are woman headed, 2 HHs are below poverty line and 7 HHs are disabled. The vulnerable assistance is yet to be distributed for the both DKTLP and MKTLP sub projects. The updated RIPP report has allocated the assistance amount for the vulnerable groups.

5.2.5 Additional Assistance to the PAFs

No additional assistance for the PAFs was provided by the project during this semiannual period in Myagdi district of DKTL and districts under MKTL in case of tower footing. A total of NRs. 23,642,687.05 has been provided by the project to the PAFs under the Severance assistance to restore their livelihood apart from the land compensation in Khurkot substation (**Annexure-‘D’**) under Kali Gandaki Corridor and is yet to be paid in other sub-project components. However, the APs who are eligible to get additional assistance under tower foundation will be finalized after RP update. This assistance includes livelihood rehabilitation, transportation assistance, vulnerable assistance etc.

5.2.6 Major issues associated with Land Acquisition and Compensation

Consultation was conducted with the PAFs, local people and different stakeholders at different stages of the project activities to identify different issues, problems/constraints, prospects and collect feedback from the participants regarding the project. The project has distributed the compensation amount on time for the acquired land to the concerned households. The affected households are happy and satisfied with the compensation paid by the project and majority of the local people are positive towards the implementation of the project. No major issues associated with land acquisition and compensation was recorded in Dana, Kushma, Markichowk and Matatirtha substations. There are no severely affected HHs in acquisition of additional land for Khurkot substation. The land compensation distribution process has not been completed yet.

5.2.7 Safeguard Implementation

Safeguard issues are being resolved. The ESSD has deployed 2 site based officers for Social and Environment in Dana-Kushma Transmission Line. 2 social and 2 environmental officers have been deputed for the Marsyangdi-Kathmandu Transmission Line.

5.2.8 Livelihood Restoration Program

ADB SPS (2009) aims to enhance, or at least restore, the livelihoods of all affected/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 and small-scale income generation activities (Agricultural trainings and vegetable farming training) to eligible family members of project affected vulnerable households. The scope of livelihood enhancement under the project and potential candidates for the proposed training are being identified and finalized after determining the scope and extent of impact of the transmission line route. For loss of livelihood, restoration measures have been identified in updated RIPP. Based on socioeconomic survey, trainees have been identified and included in updated RIPP. ESSD will implement trainings as a part of safeguard measures of the project and trainings have to be started.

5.2.9 Impact on Indigenous Peoples (IPs)

No indigenous HHs are affected due to land acquisition for addl. land for Khurkot substation. However, 15 IPs under indigenous groups are affected due to land acquisition of Markichowk substation and 37 IPs from Newar community were impacted due to acquisition for Matatirtha substation. Similarly, 13 IPs (Parbat distt.) and 08 IPs (Myagdi distt.) out of 223 HHs (Parbat and Myagdi) are affected due to the tower foundations in Dana-Kushma line. 18 IPs out of 187 HHs in Dhading district and 13 IPs out of 97 HHs in Gorkha District under Marsyangdi-Kathmandu line have been impacted. As identified during consultation with the affected households, acquisition of land with adequate compensation **will not generate adverse impact**. No major issues related to identity, culture, social system, human rights & living standard of the affected indigenous households (Gurung, Newar, Thakali and Magar) shall be

created and they will be able to continue their culture without any serious hindrance. In addition to compensation for the affected assets, the project has also provisioned additional assistances to the affected indigenous HHs. The EM has kept a provision for livelihood enhancement and skill training to the significantly affected APs including indigenous HHs for their livelihood improvement such as improved seed distribution program and skill development programs such as electrical wiring, knitting etc. The trainings shall be organized by the ESSD/Consultant and PIU and PSC shall facilitate, supervise and monitor the training to make them more effective. The programs shall be organised in due course.

5.3 Monitoring Results compared against IR and IPs Safeguards

Two full time Social Safeguard Officers (one in each such as DKTLP and MKTLP) have been mobilized since December, 2016 for the implementation of RP and monitoring of safeguard activates. Compliance status against Loan Covenants related to resettlement and Indigenous People safeguards is annexed as **Annexure-‘B’**.

Table 9: Monitoring Results in terms of Involuntary Resettlement Safeguards

| Resettlement: The Borrower/Client, shall ensure that: | | | | |
|--|--|---|--|---|
| S.N | Monitoring Aspects | Indicators | Monitoring Results | |
| | | | DKTLP | MKTLP |
| 1. | Delivery of Entitlements | <ul style="list-style-type: none"> Entitlements disbursed, compared with number and category of losses set out in the Entitlement matrix. Disbursements against timelines Identification of the displaced persons losing land temporarily, e.g. through soil disposal, borrow pits, contractors' camps, been included Restoration of social infrastructure and services. Progress on income and livelihood restoration activities being implemented as set out in the income restoration plan, for example, utilizing replacement land, commencement of production, the number of the displaced persons trained in employment with jobs, Micro-credit disbursed, number of income-generating activities assisted. Quality of new plots and issue of land titles | Rate fixing for additional land for Khurkot has been completed. Some HHs has received compensation. Social safeguard measures for the HHs are at various stage of implementation. Partial land acquisition for tower foundations in Parbat distt. has been completed. However additional allowances for land acquisition loss is not disbursed. Rate fixation of the Myagdi District has been completed. | The compensation of land for tower foundation is in process and the notice for rate fixed by CDC for compensation has been partially processed in former Deurali and Manakamana VDC of Gorkha District. |
| 2. | Consultation and Grievances | <ul style="list-style-type: none"> Consultations organized as scheduled including meetings, groups, and community activities. Knowledge of entitlements by the displaced persons. Use of the grievance redresses mechanism by the displaced persons. Information on the resolution of the grievances. Information on the implementation of the social preparation phase. Implementation of special measures for Indigenous Peoples | Altogether 6 meetings/public consultations were done on regular basis. A third level GRC is formed. The project has requested the HHs to register their complaints in the Galeshwor Unit of ESSD. Some grievances have been collected during this inspection period. Public meeting was held at Annapurna RM-3 Kushma -1, and 2, Jaljala-7 in order to discuss on the CSR activities. | Altogether 14 meetings were done on regular basis. Grievances related to social safeguard are minimal. HHs are requested to register the complaints in the project office. No grievance has been recorded during this reporting period. |
| 3. | Communication and Participation | <ul style="list-style-type: none"> Percentage of women out of total participants. Number of meetings exclusively with women. <i>Number of meetings exclusively with vulnerable groups.</i> Number of meetings at new sites. Number of meetings between hosts and the displaced persons. Level of participation in meetings (of women, men, and vulnerable groups). Level of information communicated—adequate or inadequate. Information disclosure. Translation of information disclosure in the local languages | A total of 6 meetings were conducted. About (20.35%) were women participants. The level of information communicated was satisfactory. The information was delivered in Nepali language. | Altogether 14 meetings were conducted. About (26.76%) were female participants. No separate meeting with displaced persons and vulnerable people was conducted. The information was delivered in Nepali language. |
| 4. | Budget and Time Frame | <ul style="list-style-type: none"> Land acquisition and resettlement staff appointed and mobilized on schedule for the field and office work. Capacity building and training activities completed on schedule. | The land Acquisition resettlement staff was deployed by the project at site. Capacity building and training activities | The land Acquisition resettlement staff was deployed by the project at site. No capacity building training |

| | | | | |
|----|--|--|---|--|
| | | <ul style="list-style-type: none"> • Achieving resettlement implementation activities against the agreed implementation plan. • Funds allocation for resettlement to resettlement agencies on time. • Receipt of scheduled funds by resettlement offices. • Funds disbursement according to the resettlement plan. • Social preparation phase as per schedule. • Land acquisition and occupation in time for implementation. | are at various stage of implementation. | activities has been implemented; however, capacity building training activities are under process in implementing phage. The resettlement funds were allocated timely according to the resettlement plan. |
| 5. | Livelihood and Income Restoration | <ul style="list-style-type: none"> • Number of displaced persons under the rehabilitation programs (women, men, and vulnerable groups). • Number of displaced persons who received vocational training (women, men, and vulnerable groups). • Types of training and number of participants in each. • Number and percentage of displaced persons covered under livelihood programs (women, men, and vulnerable groups). • Number of displaced persons who have restored their income and livelihood patterns (women, men, and vulnerable groups). • Number of new employment activities. • Extent of participation in rehabilitation programs. • Extent of participation in vocational training programs. • Degree of satisfaction with support received for livelihood programs. • Percentage of successful enterprises breaking even (women, men, and vulnerable groups). • Percentage of displaced persons who improved their income (women, men, and vulnerable groups) • Percentage of displaced persons who improved their standard of living (women, men, and vulnerable groups) • Number of displaced persons with replacement agriculture land (women, men, and vulnerable groups) • Quantity of land owned/contracted by displaced persons (women, men and vulnerable groups) Number. of households with agricultural equipment • Number of households with livestock | Raw data collection has been completed for the RP update. After getting the final data from the RP update, livelihood and income restoration program will be conducted. | Data collection has completed for the RP update. After getting the final data from the RP update, livelihood and income restoration program will be conducted. Affected HHs under land use restriction and tower foundation will be identified after the final completion of check survey to be conducted by the contractor. |
| 6. | Benefit Monitoring | <ul style="list-style-type: none"> • Noticeable changes in patterns of occupation, production, and resource use compared to the pre-project situation. • Noticeable changes in income and expenditure patterns compared to the pre-project situation. • Changes in cost of living compared to the pre-project situation. • Changes in key social and cultural parameters relating to living standards. • Changes occurred for vulnerable groups. • Benefiting from the project by the displaced persons. | Due to the initial phase of the project construction, changes pattern of occupation, production and resources were not compared with the pre-project situation. | Changes pattern of occupation, production and resources were not compared with the pre-project situation due to the initial construction phase of the project and not complied with Livelihood and Income Restoration program. |

Table 10: Monitoring Results in terms of Indigenous Peoples Safeguards

| S.N | Monitoring Aspects | Indicators | Monitoring Results | |
|-----|--------------------------------|--|--|---|
| | | | DKTLP | MKTLP |
| 1 | Demographic baseline | <ul style="list-style-type: none"> The numbers of affected Indigenous Peoples (IP) by category of impact, gender, age, habitat (village etc.), income, status and position Number of households with handicapped, elderly or invalid members Number of female headed households Number of vulnerable households (poor, elderly) Number of households by ethnic group Number of births and deaths | Final check survey has been completed. Data collection for the RP update has been completed. However, some data is still missing and this information is already forwarded to ESSD field safeguard expert. After getting the final data for the RP update, Indigenous people, gender, age habitat, income status, position and number of household with handicapped and disabilities will be finally identified. | Final check survey has been completed. Data collection for the RP update has been completed. After getting the final data from the RP update, Indigenous people, gender, age habitat, income status, position and number of household with handicapped and disabilities will be finally identified. |
| 2 | Consultation and participation | <ul style="list-style-type: none"> Number of consultation and participation activities that occur—meetings, information dissemination, brochures; flyers, training Percentage of IP women as participants; number of meetings exclusively with IP women Percentage of vulnerable IP groups represented / attending meetings; number of meetings exclusively with vulnerable IP groups. Languages used at meetings Good faith negotiations—recording of process, participants, locations, correspondence Broad community support—record of processes, participants, locations and agreement obtained Consultation and participation progress against plan and budget | One consultation/meeting was conducted during this period at Dana, Myagdi and 12% of the total attendants were IPs women. The vulnerable IPs were not identified yet due to the initial phase. The local level issues and concerns were carefully listed and recorded. The Nepali Language was used during the consultation. | A total of 3 consultation/meetings were conducted with IPs during this period. The participants of Dalits, Vulnerable groups, IP women etc. are equally invited and participated in all the meetings conducted during the month. |
| 3 | Mitigation measures | <ul style="list-style-type: none"> Progress of implementation of mitigation / beneficial measures against plan Number of activities that occur/completed—such as construction, livelihood restoration, disbursements, training Percentage progress against timelines and budget | After getting the final updated data, the ESSD will implement the mitigation measures and enhancement program. | As the project is not likely to have major adverse impacts, the project may not generate major issues related to identity of Indigenous People (IP). However, the project has make provisions of livelihood enhancing training to the vulnerable and significantly displaced households. |
| 4 | Grievance redress | <ul style="list-style-type: none"> Total numbers of people/groups using the grievance redress procedure. Number of distinct people/groups. Any IP group with significantly more grievances? How many times has a household submitted the same grievance? Number of grievances resolved? Length of time taken to be resolved? | As the redress mechanism is established in one ward of Kushma Municipality, the committee is actively involved in collecting and solving the grievances in guidance of project. It | Apparently, any formal committee for addressing the grievances have not been formed. However, a direct method of Grievance Redressal Mechanism has been adopted. |

| | | | | |
|---|-------------------------|--|---|---|
| | | <ul style="list-style-type: none"> Types of grievance categories and prevalence | solved the major issues on the AP 1/B side. | Grievance related issues in the project office were minimum during the inspection period. The related letter forwarded by the project for establishing redressal mechanism to the concerned stakeholders. |
| 5 | Implementation problems | <ul style="list-style-type: none"> Identified delays—(days, cost) due to personnel, capacity, insufficient funds, etc. Number of times implementation schedule revised | No problems identified during this period. | No problems identified during this period. |

6. GRIEVANCE REDRESSAL MECHANISMS

Land Acquisition Act, 1977 encourages forming Grievance Redressal Committee (GRC) to solve the grievances related to the acquisition that may be submitted in land acquisition process. PMU issued the letter to MC/RMC for formation of GRC. In Dana-Kushma Transmission Line, 7 number of grievances were collected from the affected households and all these grievances were resolved. The grievance details with a copy of grievance is enclosed as **Annexure-E**.

Table 11: Status of grievances

| S.N. | Name of AP | Grievances | Status |
|------|-----------------------|--|----------|
| 1 | Padma Devi Sharma | Route of transmission line shall be diverted from land which is more expensive and suitable land patch for construction of building. | Resolved |
| 2 | Ishwori Prasad Padhya | Route of transmission line shall be diverted from land which is more expensive, cultivated land and suitable land patch for construction of building. And also not have another such kind of land. | Resolved |
| 3 | Putali Nepali | Not providing the land plot for tower foundation and change the route of TL | Resolved |
| 4 | Tej Kumari Padhyani | Route of transmission line shall be diverted from land which is more expensive and suitable land patch for construction of building | Resolved |
| 5 | Gagan Raj Sharma | Route of transmission line shall be diverted from land which is more expensive and suitable land patch for construction of building | Resolved |
| 6 | Tara Devi Sharma | Route of transmission line shall be diverted and there was mistake in the land owners name in the publication of land acquisition. | Resolved |
| 7 | Laxmi Prasad Upadhyay | Route of transmission line shall be diverted from land which is cultivated land and it will affect the other land also. | Resolved |

7. PUBLIC CONSULTATION AND PARTICIPATION AND INFORMATION DISCLOSURE

The public consultation activities were conducted in the core project area by the Social/Environmental Safeguard Officers deployed by ESSD on regular basis with the support and guidance of PSC safeguard specialist. The consultation was mostly focused to the local communities and affected People regarding the project activities and its impact and measures to be adopted by the project for mitigating the negative impact and enhancing positive impacts. Collectively, most of the agendas discussed during the public consultation were related to compensation provision and its rate. 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. The public consultation details with a sample copy is enclosed as

Annexure-F. The PMD office will disclose the semiannual report by uploading in the NEA and ADB website.

8. CORRECTIVE ACTIONS FOR NON-COMPLIANCE AND MAJOR GAPS

Following corrective actions are required in order to further improvement on the environment and Social Safeguards Monitoring activities.

Table 12: Major Gaps and corrective Actions

| S.N. | Major Gaps/Issues | Corrective Action/How was it addressed |
|------|--------------------------------------|--|
| 1 | Delay in formation of GRC | Issued the letter to MC/RMC by the PMU |
| 2 | Lack of proper records of grievances | Organization of demonstrative orientation to the site safeguard officers |
| 3 | Delay in compensation distribution | Provide the advice to timely distribution of compensation. Publishing the name of the Affected APs in newspaper and depute the social mobilizer to inform the APs for the collection of compensation |

9. RECOMMENDATION FOR MONITORING ADJUSTMENT

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

- **Facilitate for Compensation Distribution:** The regular distribution of compensation payment for new identified PAFs will be facilitated from Project office.
- **Facilitate Grievance Handling:** It will be facilitated to mobilize key staff to address the claims, obstruction and grievances. The key will verify the case related to compensation claims and resettlement close collaboration with project affected families.
- **Organize CDC Meetings:** The meeting related to compensation distribution will be organized as and when required. Meetings to settle on the issue of resettlement conflict between projects affected families and the project will be organized as and when required.
- **Facilitate for Title Transfer:** It will be facilitated to follow up activities to be carried out to collect Land Ownership Certificate form concerned Land Revenue Office that have been transferred to NEA.
- **Monitoring of Safeguard Compliance:** The regular follow up and monitoring of safeguard compliance will be continued. The project team will be involved in monitoring and provide instruction, to compile the safeguard compliance to contractor.
- **Consultation and Dissemination:** It will be conducted regular consultative meeting with project affected people and other stakeholder to overcome the possible social problems and right information dissemination. The consultative meeting will be conducted in each project closed from the construction area.
- **Severance Assistance to the PAFs:** To restore the livelihood of PAFs apart from the land compensation, additional assistant such as crop's compensation, livelihood rehabilitation, transportation assistance and vulnerable assistance etc. for new identified PAFs should be provided by the project.
- **Social Safeguard Monitoring and Reporting Requirement:** The monitoring will 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 A (Quarterly Basis) and (II) Semi-annual monitoring and reporting of safeguard implementation activities.

10 INSTITUTIONAL ARRANGEMENT FOR MONITORING

10.1 Central Level Arrangement

10.1.1 Environment and Social Studies Department (ESSD)

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 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 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.

10.1.2 Central Level Line Agencies

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 is ongoing between the Project/NEA and Department of Forest regarding the implementation of the compensatory forestation program

10.2 Project Level Arrangement

10.2.1 Project Management Directorate, NEA (PMD Office)

The PMD office is overall responsible under the SASEC Projects for the implementation of EMP, including others like RP or RAIP documents that previously agreed upon with the Donor agency. It has also deputed a Senior Environment Specialist (SES) and a Senior Social Safeguards Specialist (SSS) in the PMD office for Safeguard implementation and monitoring works of the SASEC TL Projects.

10.2.2 Project Manager

The Kali Gandaki Corridor (Dana-Kushma Section) and Marsyangdi-Kathmandu 220 kV TL Project Manager Office has been established under the organizational setup of PMD. 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). The Project Manager will be responsible to make sure the allocation of necessary budget for the implementation of the program. He will be

responsible for the overall coordination of the work and make final decision on environmental, social and public concern issues.

10.2.3 Environment and Social Monitoring Unit (ESMU)

Three Environment and Social Monitoring Units have been established under ESSD umbrella for day to day environmental and social monitoring of the project (One in Dana-Kushma Section) and (Two in Marsyangdi-Kathmandu section) coordination of work with PAFs, local communities, VDCs, DDCs and district level line agencies. The unit has site office for day to day monitoring of the social and environmental impacts and responsible for submitting the compliance monitoring reports to ESSD.

10.2.4 Compensation Determination Committee

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.

10.2.5 Construction Contractor

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.

11 PROPOSED MAJOR ITEM OF FOCUS FOR NEXT PAPER

- Speed up compensation payment along Kaligandaki Corridor and Marshyangdi-Kathmandu Transmission Line.
- Implementation of livelihood restoration Programs and capacity building trainings.
- Record keeping system and database of safeguard implementation.
- Timely submission of monthly, quarterly and semi-annual reports.

Annexure-A

TOWER FOOTING DETAILS OF LINES AS ON 31.12.17

Dana-Kushma Line:

- District Parbat: 15 nos. vis. AP-1B, AP-1C, AP-2, AP-2/1, AP-2/2, AP-2A, AP-3, AP-4, AP-5, AP-7A, AP-9C, AP-18B, AP-18C, AP-20, and AP-21.
- Mygadi District: 14 nos. vis. AP-28, AP-30, AP-33B, AP-34, AP-34A, AP-35B, AP-36, AP-36A, AP-37, AP-38, AP-39, AP-39A, AP-39-B and AP-41.

Marsyangdi-Kathmandu Line:

- Gorkha District: 17 nos. vis. AP-65B, AP-66/0, AP-69/0, AP-69/A, AP-71 AP-72, AP-72, AP-72B AP-74, AP-74/1, AP-75, AP-62 AP-63, AP-61/B, AP- 64/B, AP-68/0.
- Dhading District: 18 nos. vis. AP-37B, AP-8A/0, AP-8B, AP-13/0, AP-13A, AP-8/2, AP-21G, AP-21I, AP-21G AP-16/C AP-21G AP-17/0, AP-34/0 AP-34/1, AP-33/0, AP-31/2, AP-31/0, AP-46/0.
- Chitwan District: 5 nos. vis. AP-57C/0, AP- 58/0, AP-52/1, AP-53, AP-55/0.

Status of Compliance with Loan Covenants

| Sch. | Para No. | Description | Current Status |
|------|----------|---|-----------------------------|
| 4. | 9. | The Borrower shall ensure that no Works contract which involves involuntary resettlement impacts is awarded, until the Borrower and NEA have prepared and submitted to ADB the final RIPP based on the Project's detailed design, and obtained ADB's clearance of such RIPP. | Being complied/ Complied |
| 4. | 10. | The Borrower shall ensure that no Works contract which involves impacts on indigenous peoples is awarded until the Borrower and NEA have prepared and submitted to ADB the final RIPP, and obtained ADB's clearance of such RIPP. | Being complied/ Complied |
| 5. | 7. | The Borrower shall establish and maintain, or cause NEA and AEPC to establish and maintain, a grievance redress mechanism acceptable to ADB for the purpose of addressing any grievances arising out of the Project, including those from affected peoples concerning land acquisition, environment and any other social issues in a timely manner. | Being complied/ Complied |
| 5. | 12. | The Borrower shall ensure, or cause NEA and AEPC, as applicable, to ensure, that all land and all rights-of-way required for the Project, each Subproject and all Project facilities are made available to the Works contractor in accordance with the schedule agreed under the related Works contract and all land acquisition and resettlement activities are implemented in compliance with (a) all applicable laws and regulations of the Borrower relating to land acquisition and involuntary resettlement; (b) the Involuntary Resettlement Safeguards; (c) the RF (for Subprojects); and (d) all measures and requirements set forth in the RIPP, as appropriate, and any corrective or preventative actions set forth in the Safeguards Monitoring Report. | Being Complied/ Complied |
| 5. | 13. | Without limiting the application of the Involuntary Resettlement Safeguards or the RIPP, the Borrower shall ensure, or cause NEA to ensure, that no physical or economic displacement takes place in connection with the Project until: (a) compensation and other entitlements have been provided to affected people in accordance with the RIPP, as appropriate; and (b) a comprehensive income and livelihood restoration program has been established in accordance with the RIPP, as appropriate. | Being Complied/ Complied |
| 5. | 14. | The Borrower shall ensure, or cause NEA and AEPC to ensure, as applicable, that the preparation, design, construction, implementation and operation of the Project, each Subproject and all project facilities comply with (a) all applicable laws and regulations of the Borrower relating to indigenous peoples; (b) the Indigenous Peoples Safeguards; and (c) the IPPF (for Subprojects); and (d) all measures and requirements set forth in the RIPP, as appropriate, and any corrective or preventative actions set forth in a Safeguards Monitoring Report. | Being Complied/ Complied |
| 5. | 15. | The Borrower shall ensure that Part 3 of the Project does not have any indigenous peoples or involuntary resettlement impacts, all within the meaning of SPS. In the event that Part 3 of the Project does have any such impact, the Borrower shall take all steps to ensure that the Project complies with (a) the applicable laws and regulations of the Borrower; (b) the SPS; and (c) the IPPF and the RF, as applicable. | Being Complied/ Complied |
| 5. | 16. | The Borrower shall make available, or cause NEA and AEPC to make available, necessary budgetary and human resources to fully implement the EMP and the RIPP. | Being Complied/ Complied |
| 5. | 17. | The Borrower shall ensure, or cause NEA and AEPC to ensure, that all bidding documents and contracts for Works contain provisions that require contractors to: (a) comply with the measures relevant to the contractor set forth in the IEE, the EMP and the RIPP (to the extent they concern impacts on affected people during construction), and any corrective or preventative actions set forth in a Safeguards Monitoring Report; (b) make available a budget for all such environmental and social measures; (c) provide the Borrower with a written notice of any unanticipated environmental, resettlement or indigenous peoples risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP and the RIPP; (d) adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and (e) Reinstate pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction. | Being Complied/ Complied |
| 5. | 18. | The Borrower shall do the following or cause NEA and AEPC to do the following: (a) submit semiannual Safeguards Monitoring Reports to ADB and disclose relevant information from such reports to affected persons promptly upon submission; (b) if any unanticipated environmental and/or social risks and impacts arise during construction, implementation or operation of the Project that were not considered in the IEE, the EMP, and the RIPP, promptly inform ADB of the occurrence of such risks or impacts, with detailed description of the event and | Being Complied/ Complied |

| Sch. | Para No. | Description | Current Status |
|------|----------|---|----------------|
| | | proposed corrective action plan; (c) report any actual or potential breach of compliance with the measures and requirements set forth in the EMP and the RIPP promptly after becoming aware of the breach. | |

Severance Assistance provided by the Project in Khurkot Substation

| Title of Compensation | Received HHs | Paid Amount (NRs.) | Remarks |
|--|--------------|----------------------|---|
| Severance Compensation (A1) | 84 | 12,603,984.38 | 10% amount of the land compensated amount is provided extra as severance compensation (A1) |
| Crops' Compensation (A1) | 84 | 3,136,555.00 | NRs. 20,231 is provided per Ropani land (0.5102 ha) |
| Livelihood Rehabilitation (D2) | 84 | 2,935,347.67 | NRs. 18,933.33 (Estimating annual income of paddy= NRs. 5733.73, Potato= NRs. 33,300, Vegetable= NRs. 35700) is provided per Ropani (0.5102 ha) land. |
| Livelihood Rehabilitation (A1) | 84 | 4,006,800.00 | NRs. 47700 is provided per HH based on the fiscal year 2072/73 of Parbat District wage rate NRs. 530 per day (agriculture labor) (530*30*3=47,700.) |
| Other Costs and Transportation Assistance (A1) | 84 | 840,000.00 | NRs. 10,000 is provided per HH. |
| Vulnerable Assistance (A1) (Single Women, Dalit and Disabled Person) | 12 | 120,000.00 | All together 12 HHs identified as vulnerable group where 5 HHs are Dalit, 3 HHs are Single women headed HHs, 3 HHs are Disabled and 1 HH is Dalit and Single Women. |
| Total | | 23,642,687.05 | |

Annexure-F

Public Consultation Matrix

| S.N. | Date | No. of Participant | Type of Participants | Topics/ issue discussed | Location | Information disseminated |
|---------------------|-----------------|--------------------|---|---|--|---|
| DKTL Project | | | | | | |
| 1 | July 16, 2017 | Male-7, Female-2 | PAFs, Local political leader, housewife, farmers, student, hotel business man, worker | Land acquisition and compensation issues and entitlements and their purposed demands | Kushma Municipality-02, Bagaicha, Parbat | Loss assessment, entitlements and use of compensation, construction of motarable road. |
| 2 | July 24, 2017 | Male-4, Female-5 | Farmers, PAFs, Housewife and Business women | Land acquisition and compensation issues, entitlements and project activities, | Raghuganga RM- 02, (former Begh VDC-09) | Loss assessment and entitlements |
| 3 | August 5, 2017 | Male-40, Female-10 | VDC Representative, Local Leaders, Elected Leaders Farmers, PAFs, Housewife and Business man, Project Officer, Contractor. ESSD Galeshwar Unit. | Social issues .CSR applications, Land acquisition and compensation issues, entitlements and project activities, | Annapurna RM Ward No-3, Dana. | Clarify on many social issues and information disseminated on CSR. |
| 4 | August 7, 2017 | Male-16, Female-1 | ADB Representative, Project Officers, SASEC Officers, Contractor Officers, Technicians, ESSD Galeshwar unit. | Many issues of Dana Substation. About Constructions, Labor issues, Safety Measurements' and others | Dana Substation, Annapurna RM. | The RPs update and smooth implementation of project technical activates. Need of frequent monitoring of environment and social aspects. |
| 5 | August 18, 2017 | Male- 14 | PAFs, Local political leader, farmers, worker, Project Officer, ESSD Galeshwar Unit. | Irrigation Problems which is created by the AP 30 Tower construction. | Raghuganga RM ward no 2 .Rakhupiple | Loss assessment, entitlements and use of compensation, and distribution of 50 meter of irrigation pipe. |
| MKTL Project | | | | | | |
| 1 | July 15, 2017 | Male-15, Female-2 | School Administrator/ Teacher, Local People/Business man | Tower construction issues and risk issues | Deurali VDC, Gorkha | Loss assessment and safety maintenance. |
| 2 | July 19, 2017 | Male-5, Female-4 | Male / Female / PAFs / farmers / | Land acquisition and compensation issues. | Deurali VDC, Gorkha | Loss assessment and use of compensation. |
| 3 | July 20, 2017 | Male-16, Female-2 | Local authority/ PAFs / farmers / CF members | Land acquisition and compensation issues. | Manakamana VDC, Gorkha | Loss assessment and use of compensation. |
| 4 | July 20, 2017 | Male-12, Female-1 | Male / Female / PAFs / farmers / CF members | Cultural issues | Darsing CF, Manakamana VDC, Gorkha | Loss assessment, replantation and conservation. |
| 5 | July 22, 2017 | Male-23, Female-2 | Male / Female / PAFs / Farmers / Businessman | Loss of trees, replantation, types of trees and demands. | RajDevi CF, Deurali VDC, Gorkha | Loss assessment, replantation and CSR. |
| 6 | July 22, 2017 | Male-28, Female-7 | PAFs / Farmers / CF Members/ Teachers | Loss of trees, replantation, types of trees | Kalikhola CF, Deurali VDC, Gorkha | Loss assessment and replantation. |

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| 7 | July 23, 2017 | Only Male-13, | Male / Female / PAFs / Farmers / CF Members | Loss of tress, replantation, types of trees, Demands | Saillery CF, Ghyalchowk VDC, Gorkha | Loss assessment and replantation. |
| 8 | July 23, 2017 | Male-7, Female-1 | Member of CFUG, local people | Loss of Trees, replantation, types of trees | Majhuwa CF, Ghyalchowk VDC, Gorkha | Loss assessment and replantation. |
| 9 | August 3, 2017 | Only Male=5 | Local Leader / community peoples / PAFs | Land acquisition and compensation issues, Information discloser. | Thakre RM-11, Dhading | Loss assessment and use of compensation. |
| 10 | Aug 19, 2017 | Only Female=19 | Mother Group/ community peoples / PAFs/Teacher | Land acquisition and compensation issues, Impact mitigation of TLP | ShahidLakhan RM-3,Gorkha | Loss assessment and use of compensation. |
| 11 | Aug 19, 2017 | Only Male=19 | Mother Group/ community peoples / PAFs/Teacher | Land acquisition and compensation issues, Impact mitigation of TLP | ShahidLakhan RM-3,Gorkha | Loss assessment and use of compensation. |
| 12 | Aug 29, 2017 | Male=6 Female=4 | PAF/President of community Forest/Farmer | Land acquisition and compensation issues, Impact mitigation of TLP/Issues about forest | ShahidLakhan-8, Gorkha | Loss assessment and use of compensation and compensatory forestation program. |
| 13 | Sept 19, 2017 | Male=8 Female=2 | Community peoples / PAFs/ Housewives/ | Land acquisition and compensation issues, Information discloser. | Gorkha Municipality 14 Yangkot | Loss assessment and use of compensation. |
| 14 | Sept 20, 2017 | Male=7 Female=2 | Local Leader / community peoples / PAFs/ Housewives/ Community forestry Members / Teacher | Land acquisition and compensation issues, Impact mitigation of TLP | ShahidLakhan RM-3,Gorkha | Loss assessment, entitlements and use of compensation and estimation of materials required as per community meeting. |

| S.N. | Date | No. of Participant | Type of Participants | Topics/ issue discussed | Location | Information disseminated |
|---------------------|--------------|-----------------------|---|--|-----------------------------|---|
| DKTL Project | | | | | | |
| 1 | Nov 5, 2017 | Male-31, Female-4 | Ward chairman and member, ESSD and ESMU representatives, project staff, local people, farmers, PAFs member of political party | CSR applications and program under CSR and Mitigation Measures | Annapurna RM-3, Dana Myagdi | CSR programs, budget under CSR, other mitigation measures and enhancement programs. |
| 2 | Nov 7, 2017 | Male-15, Female-2 | Ward chairman, ESSD and ESMU representatives, project staff, local people, farmers, PAFs, community forestry representative | CSR applications and program under CSR and Mitigation Measures | Kushma-2, Bagaicha, Khurkot | CSR programs, budget under CSR, other mitigation measures and enhancement programs. |
| 3 | Nov 7, 2017 | Male-8, Female-0 | Chairman and secretary of Kushma-1, ESSD and ESMU representative, project staff, local people and PAFs. | Program under CSR and Mitigation Measures and enhancement. | Kushma-1 | CSR programs, budget under CSR, other mitigation measures and enhancement programs. |
| 4 | Nov 8, 2017 | Male-8, Female-0 | Chairman of Jaljala-7, chairman of school management committee, local people and PAFS. | CSR applications, CSR budget, other mitigation measures and enhancement programs | Jaljala-7 | CSR programs, budget under CSR, other mitigation measures and enhancement programs. |
| 5 | Nov 25, 2017 | Male- 12 Female-17 | PAFs, Local people, project representative, contractor of ESMU, sub-contractor and chairman of community water supply. | Crop compensation, loss of drainage, house damage blockage of water source and irrigation canal due to mud flow from Khurkot S/S | Kushma MC-2, Naya Pool | Contractor agreed to fulfill all the demands after long discussion with the PAFs. (Refer to annexes) |
| 6 | Dec 1, 2017 | Male-16 | PAFs, ward Chairman of Kushma-2, Project officers, contractor, ESSU and local people | demand for 25mm water pipe, culvert, concrete irrigation canal, 110 mm of 4 kg pipe of 55 m | Kushma -2, Bastola Thar | issues were solved with GRC meeting by providing 25 mm water pipe and culvert from contractor and rest are from CSR |
| 7 | Dec 19, 2017 | Male-17, Female-1 | Meeting with Community Forest User Group of Sirubari Thadikhoriya-Myagdi, ESSD Galeshwor unit, Project Officers, Forest Officers, Contractor and Locals | Trees cut by contractor without consulting the CFUG and so complaint was registered to the district forest office, Myagdi | Raghuganga RM-2 | Issues were solved by group discussion. The contractor also promised to inform to CFUG about construction activities. And, the complaint was withdrawn. |
| 8 | Dec 22, 2017 | Male-21, Female-5 | Meeting with Community Forest User Group of Koreso Phoksing-Parbat, ESSD Galeshwor unit, Project Officers, Forest Officers, and | Community Forest aware Programme, Discussion about effects on community forest due to DKTLP | Jaljala RM-8, Farse | CFUG was found to be positive for the DKTLP. A written consent was obtained. |

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| | | | Locals | and EMP, tree regeneration Programme and upcoming training for them and consent from CFUG | | |
| 9. | Dec 25, 2017 | Male-17, Female-2 | Meeting with Community Forest User Group of Lasti Barneta-Parbat, ESSD Galeshwor unit, Project Officers, Forest Officers, and Locals | Community Forest aware Programme, Discussion about effects on community forest due to DKTLF and EMP, tree regeneration Programme and upcoming training for them and consent from CFUG | Jaljala RM-8, Lasti | CFUG was found to be positive for the DKTLF. A written consent was obtained. |
| 10 | Dec 29, 2017 | Male-22, Female-27 | Meeting with Community Forest User Group of Gutako Pako-Parbat, ESSD Galeshwor unit, Project Officers, and Locals | Community Forest aware Programme, Discussion about effects on community forest due to DKTLF and EMP, tree regeneration Programme and upcoming training for them and consent from CFUG | Jaljala RM-8, Gutako Pako | CFUG was found to be positive for the DKTLF. However, CFGU are requesting cash compensation due to tree loss. A written consent was obtained. |
| 11 | Dec 31, 2017 | Male-14, Female-4 | Meeting with Community Forest User Group of Bindabasini-Parbat, ESSD Galeshwor unit and Locals | Community Forest aware Programme, Discussion about effects on community forest due to DKTLF and EMP, tree regeneration Programme and upcoming training for them and consent from CFUG | Jaljala RM-7, Dhairing, Bansbot | CFUG was found to be positive for the DKTLF. However, CFGU are requesting cash compensation due to tree loss. A written consent was obtained. |
| 12 | Dec 31, 2017 | Male-14 | Meeting with Community Forest User Group of Thulobhir Chiurikhark -Parbat, ESSD Galeshwor unit and Locals | Community Forest aware Programme, Discussion about effects on community forest due to DKTLF and EMP, tree regeneration Programme and upcoming training for them and consent from CFUG | Jaljala RM-7, Salyan | CFUG was found to be positive for the DKTLF. However, CFGU are requesting cash compensation due to tree loss. A written consent was obtained. |

MKTL Project

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| 1 | Nov 6, | Male=1 | Community peoples / PAFs/ | Land acquisition and | Dhunibesi - 6 | Loss assessment and |
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|---|--------------|--------------------|--|--|--|---|
| | 2017 | Female=5 | Housewives/ IPs | compensation issues, Information discloser. | Baniyatar | use of compensation. Community people need additional support. |
| 2 | Dec 25, 2017 | Male=3 Female=4 | Community peoples / Housewives/ IPs/ chairman of Lease forestry and members. | Tree compensation issues, CSR support and compensation. Mitigation measures and enhancement programs | Ekshaya Kamana RMC - 4 Lewatar Chitwan | Loss assessment and use of compensation. Community people need additional support for Lease forestry. |

नेपाल विद्युत प्राधिकरण
वातावरण तथा सामाजिक अध्ययन विभाग
बरिपाटी, भक्तपुर

यस विभागबाट खटिइ आएका वातावरणीय अनुगमन टोली र तपसिलमा उल्लेखित स्थानीय सरोकारवालाहरूको उपस्थितिमा आज मिति २०७४.०५.१९ जिल्ला पर्यटन मा.वि.स. कुरुमा-१.पा. मा निर्माणधिन कालीगण्डकी कोरिडोर (दाना-कुरुमा) २२० के.मी. प्रसारण लाईन आयोजनाको वातावरणीय तथा सामाजिक अवस्थाका विविध पक्षमा छलफल गरियो।

छलफलका मुख्य विषयहरू:

उपस्थिति

| क्र.सं. | सहभागीको नाम घर | ठेगाना | पेशा | सम्पर्क नं. | हस्ताक्षर |
|---------|----------------------|-------------------|--------------|-------------|-----------|
| १. | द्विपरीप्रसाद पाण्डे | १-१ पा.२, काँडा | वावस्थाप | | |
| २. | गोविन्दप्रसाद पाण्डे | ३-१ पा.२, काँडा | कृषि | ९८५७६२५७६ | |
| ३. | धर्मबहादुर पाण्डे | " " " " | कृषि | | |
| ४. | नारायण पाण्डे | " " " " | वाणि | ९८४६६२४४४ | |
| ५. | कमलप्रसाद पाण्डे | मुँडा पा.२, काँडा | वाणि | ९८५७६३९२३४ | |
| ६. | जलिका पाण्डे | " " " " | सिद्धान्त | ९८०६१७९५०२ | |
| ७. | डिल्लीराज पाण्डे | " " " " | वावस्थाप | ९८५७६४५९२ | |
| ८. | राधिका पाण्डे | " " " " | वावस्थाप | " | |
| ९. | राम प्रसाद पाण्डे | काँडा पा.२ | कृषि | ९८५७६२६३५ | |
| १०. | प्रमोद पाण्डे | ECCSD, UNIT | Localologist | ९८५२६३७२७६ | |
| ११. | पद्म शत्रु पाण्डे | ECCSD, UNIT | Environment | | |
| १२. | | | | | |
| १३. | | | | | |
| १४. | | | | | |
| १५. | | | | | |

मुख्य सवालहरू/राय सुझाव:

- १) आयोजनाको उत्तरपट्टिका पार्वचित्र तिर मोटर कारो निर्माण गर्दा आयोजनाको नयाँ हाड काट्न सक्ने क्षेत्रको संरक्षणलाई अत्यन्तै सार्थक रूपमा गर्नुपर्ने आवश्यकता हुने देखिन्छ।
- २) आयोजनाको उत्तरपट्टिका पार्वचित्र तिर मोटर कारो निर्माण गर्दा आयोजनाको नयाँ हाड काट्न सक्ने क्षेत्रको संरक्षणलाई अत्यन्तै सार्थक रूपमा गर्नुपर्ने आवश्यकता हुने देखिन्छ।
- ३) आयोजनाको उत्तरपट्टिका पार्वचित्र तिर मोटर कारो निर्माण गर्दा आयोजनाको नयाँ हाड काट्न सक्ने क्षेत्रको संरक्षणलाई अत्यन्तै सार्थक रूपमा गर्नुपर्ने आवश्यकता हुने देखिन्छ।
- ४) आयोजनाको उत्तरपट्टिका पार्वचित्र तिर मोटर कारो निर्माण गर्दा आयोजनाको नयाँ हाड काट्न सक्ने क्षेत्रको संरक्षणलाई अत्यन्तै सार्थक रूपमा गर्नुपर्ने आवश्यकता हुने देखिन्छ।