

# Resettlement Plan Due Diligence

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June 2013

## MFF 0021-PAK: Power Distribution Enhancement Investment Program – Tranche 4

Prepared by Islamabad Electric Supply Company for the Asian Development Bank.

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## **Due Diligence Document**

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**Islamic Republic of Pakistan:    Multitranche Financing Facility (MFF)**  
**For Power Distribution Enhancement**  
**Investment Program**

**Tranche-IV:                            Power Transformer's Extension**  
**& Augmentation Subprojects**

**Prepared by:                            Environment & Social Safeguards Section**  
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## **ABBREVIATIONS**

ADB	Asian Development Bank
AP	Affected Persons
DISCOs	Distribution Companies
EA	Executing Agency
IESCO	Islamabad Electric Supply Company
KTM	Kohinoor Textile Mills
MFF	Multi-tranche Financing Facility
MoWP	Ministry of Water & Power
PEPCO	Pakistan Electric Power Company
PMU	Project Management Unit

## **Units**

GWh	Giga Watt Hour
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## **EXECUTIVE SUMMARY**

1. The Government of Pakistan (the Government) has requested the Asian Development Bank (ADB) to support the Power Distribution Enhancement Investment Program (the Investment Program) and provide financing through a multi-tranche financing facility (MFF) for \$810 million over 10 years. The Investment Program is designed to provide grid-connected customers with adequate and reliable supply of electricity. The rehabilitation, augmentation, and expansion of the eight power Distribution Companies (DISCOs) systems will increase the reliability of supply to residential, agricultural, commercial, and industrial customers in Pakistan. A reliable electricity supply will lead to social and economic benefits and improved conditions for schools, hospitals, and other social services.

2. This Investment Program will (i) improve power distribution infrastructure through system rehabilitation, augmentation, and expansion; and relieve the power system from distribution bottlenecks and constraints; (ii) enable continued operation and maintenance in accordance with best international practices; and (iii) commercialize DISCO operations. Specifically, (i) DISCOs will adhere to regulatory requirements and comply with the security standards; (ii) about 12,000 gigawatt-hours (GWh) of additional energy will be supplied through the national grid annually; (iii) the system will be capable of meeting peak demand, with electricity outages significantly reduced; and (iv) 30 million additional people will have access to electricity from the national grid.

3. Pakistan Electric Power Company (PEPCO) has been nominated by Ministry of Water and Power (MoWP) to act as the Executing Agency (EA) with each DISCO being the Implementing Agency (IA) for work in its own area. PEPCO's role in the processing and implementation of the investment program is that of a coordinator.

4. Islamabad Electric Supply Company (IESCO) will implement the Tranche-IV program which includes twelve (12) extension and twenty five (25) augmentation subprojects at overloaded substations. Extension projects will add new transformers to substations, whereas augmentation will replace the existing overloaded transformers with larger capacity transformers at same location. Extension/Augmentation will be carried out in the urban Islamabad, Rawalpindi, Chakwal, and Attock & Jehlum. The 37 sub-projects will be implemented in F-11, Faqirabad, New Wah, Pir Wadhai, Gujar Khan, Dina, H-11, KTM, Sowan, Satellite Town, Rawal, Jhelum, Chakwal, Kallar Sydan, Padshahan, National Police Foundation, Talagang, Kahuta City, Nilore, Attock New, Gondal, Dandot, Neela Bogowal, Bara Gowa, Choa Saiden Shah, Cheint, Chakri, Basal, Chatar Pari, Minhasa, Plandari, Hajeera, Ahmedal and Pindigheb.

5. The extension and augmentation sub-projects will all be within the thirty seven (37) existing grid stations and will not encroach on any land outside the grid stations. All the land belongs to the IESCO, which has been transferred by the Board of Revenue under the Land Acquisition Act 1894.

# 1 PROJECT OVERVIEW

## 1.1 Project Background

1. The Government of Pakistan (the Government) has requested the Asian Development Bank (ADB) to support the Power Distribution Enhancement Investment Program (the Investment Program) and provide financing through a multi-Tranche financing facility (MFF) for \$810 million over 10 years. The Investment Program is designed to provide grid-connected customers with adequate and reliable supply of electricity. The rehabilitation, augmentation, and expansion of the eight power Distribution Companies (DISCOs) will increase the reliability of supply to residential, agricultural, commercial, and industrial customers in Pakistan. A reliable electricity supply will lead to social and economic benefits and improved conditions for schools, hospitals, and other social services.

2. This Investment Program will (i) improve power distribution infrastructure through system rehabilitation, augmentation, and expansion; and relieve the power system from distribution bottlenecks and constraints; (ii) enable continued operation and maintenance in accordance with best international practices; and (iii) commercialize DISCO operations. Specifically, (i) DISCOs will adhere to regulatory requirements and comply with the regulated security standards; (ii) about 12,000 gigawatt-hours (GWh) of additional energy is forecast to be supplied through the national grid annually; (iii) the system will be upgraded to meet peak demand, with electricity outages significantly reduced; and (iv) 30 million additional people will have access to electricity from the national grid by 2018.

3. Pakistan Electric Power Company (PEPCO) has been nominated by Ministry of Water and Power (MOWP) to act as the Executing Agency (EA) with each DISCO being the Implementing Agency (IA) for work in its own area. PEPCO's role in the processing and implementation of the investment program is that of a coordinator.

4. Islamabad Electric Supply Company (IESCO) will implement the Tranche-IV program which include twelve (12) extension and twenty (25) five augmentation subprojects, in the urban Islamabad, Rawalpindi, Chakwal, and Attock & Jehlum. The 37 sub-projects will be implemented in F-11, Faqirabad, New Wah, Pir Wadhai, Gujar Khan, Dina, H-11, KTM, Sowar, Satellite Town, Rawal, Jhelum, Chakwal, Kallar Sydan, Padshahan, National Police Foundation, Talagang, Kahuta City, Nilore, Attock New, Gondal, Dandot, Neela Bogowal, Bara Gowa, Choa Saiden Shah, Cheint, Chakri, Basal, Chatar Pari, Minhasa, Plandari, Hajeera, Ahmedal and Pindigheb.

5. The sub-projects covered in this due diligence report (DDR) are all improvements to the equipment that support the power distribution network at thirty seven (37 Nos.) existing distribution grid stations (DGS) that have been prioritized by IESCO & decided to be included in the Power Distribution Enhancement Investment Project (PDEIP) -Tranche IV. The proposed works will all be within existing boundary of DGS to either, (i) replace an existing transformer with one of a higher capacity (augmentation) or (ii) add a transformer (extension).

6. The projects included in this DDR include Twelve (12) extension and twenty five (25) augmentation subprojects within the existing sub-stations. The sole stakeholder of these projects is IESCO. The sub-projects are tabulated below:

**Table 1.1: IESCO Tranche – IV Augmentation and Extension Sub-Projects**

Project No.	Sub Project Name	Type of Project	New Transformer Size	Land & Resettlement Status
<b>A. Augmentation of Power Transformer Sub-Project.</b>				
I 1	132 kV F- 11	Augmentation.	1x 40 MVA	Within the Boundary of Existing G/S.

Project No.	Sub Project Name	Type of Project	New Transformer Size	Land & Resettlement Status
I 2	132 kV Faqirabad.	Augmentation.	1x 40 MVA	- do -
I 3	132 kV New Wah.	Augmentation.	1x 40 MVA	- do -
I 4	132 kV Pir wadhai.	Augmentation.	1x 40 MVA	- do -
I 5	132 kV Gujar Khan.	Augmentation.	1x 40 MVA	- do -
I 6	132 kV Dina.	Augmentation.	1x 40 MVA	- do -
I 7	132 kV H- 11.	Augmentation.	1x 40 MVA	- do -
I 8	132 kV KTM.	Augmentation.	1x 40 MVA	- do -
I 9	132 kV Sowan.	Augmentation.	1x 40 MVA	- do -
I 10	132 kV Satellite Town.	Augmentation.	1x 40 MVA (1x 26 MVA Spare)	- do -
I 11	132 kV Rawal.	Augmentation.	1x 40 MVA (1x 26 MVA Spare)	- do -
I 12	132 kV Jhelum.	Augmentation.	1x 40 MVA	- do -
I 13	132 kV Chakwal.	Augmentation.	1x 40 MVA	- do -
I 14	132 kV Kallar Sydan.	Augmentation.	1x 26 MVA	- do -
I 15	132 kV Kallar Sydan.	Augmentation.	1x 26 MVA	- do -
I 16	132 kV Padshahan.	Augmentation.	1x 26 MVA	- do -
I 17	132 kV Padshahan.	Augmentation.	1x 26 MVA	- do -
I 18	132 kV N. P Foundation.	Augmentation.	1x 26 MVA	- do -
I 19	132 kV N. P Foundation.	Augmentation.	1x 26 MVA	- do -
I 20	132 kV Talangang.	Augmentation.	1x 26 MVA	- do -
I 21	132 kV Kahuta City.	Augmentation.	1x 26 MVA	- do -
I 22	132 kV Nilore.	Augmentation.	1x 26 MVA	- do -
I 23	132 kV Attock New.	Augmentation.	1x 26 MVA	- do -
I 24	132 kV Gondal.	Augmentation.	1x 26 MVA	- do -
I 25	132 kV Dandot.	Augmentation.	1x 26 MVA	- do -
<b>B. Extension of Power Transformer Sub-Project.</b>				
I 26	132 kV Neela Bogowal.	Extension	1x 13 MVA	Within the Boundary of Existing G/S.
I 27	132 kV Bara Gowa.	Extension	1x 13 MVA	- do -
I 28	132 kV C. S Shah.	Extension	1x 13 MVA	- do -
I 29	132 kV Cheint.	Extension	1x 13 MVA	- do -
I 30	132 kV Chakri.	Extension	1x 13 MVA	- do -
I 31	132 kV Basal.	Extension	1x 13 MVA	- do -

<b>I 32</b>	132 kV Chatar Pari.	Extension	1x 13 MVA	– do –
<b>I 33</b>	132 kV Minhasa.	Extension	1x 13 MVA	– do –
<b>I 34</b>	132 kV Plandari.	Extension	1x 13 MVA	– do –
<b>I 35</b>	132 kV Hajeera.	Extension	1x 13 MVA	– do –
<b>I 36</b>	132 kV Ahmedal.	Extension	1x 13 MVA	– do –
<b>I 37</b>	132 kV Pindigheb.	Extension	1x 13 MVA	– do –

## 2 SCOPE OF LAND ACQUISITION AND RESETTLEMENT

7. The extension and augmentation sub-projects will all be within the thirty seven existing Grid stations and will not encroach on any land outside the grid stations. All the land belongs to the IESCO, which has been transferred by the Board of Revenue under the Land Acquisition Act 1894.

### 2.1 Scope and Rationale for Land Acquisition

#### 2.2.1 Site Identification

8. As indicated above no new land will be acquired for the project. The 12 extension and 25 augmentation subprojects will be carried out within the existing grid stations. The extension subproject includes delivery and connection of new transformer while augmentation includes replacement of existing transformer with a transformer of higher capacity within the existing grid stations.

For sub-projects selection following criteria was adopted:

- Technical justification.
- Financial and economic viability, and
- Minimal residual environmental and social impacts.

#### 2.2.2 Location and Scale of Project

9. **F-11** (IESCO's property since 06-11-1989): The augmentation subproject will be located entirely within the existing grid station that is located in F-11 sector of Islamabad. Total area of the grid is 24 Kanals.

10. **Faqirabad** (IESCO's property since 16-04-1976): The augmentation subproject at Faqirabad Lawrence Pur will be located entirely within the existing grid station that is located to the west side of the Tarbela Dam Road near Burhan about 1km north of the main Islamabad Peshawar Road. Total area of the grid station is 90 Kanals – 17 Marlas.

11. **New Wah** (IESCO's property since 1983): The augmentation subproject will be located entirely within the existing grid station located about 50 km from Islamabad along Peshawar-Islamabad GT road. The grid station area is 209 Kanals. The augmentation work will not cause any damage to land, structure and other livelihood of community.

12. **Pir wadhai** (IESCO's property since 06-11-1988): The augmentation subproject will be located entirely within the existing grid station that is located in Rawalpindi on Islamabad-Murree road near Kashmir Choke to the west of Pir wadhai bus stand. Total area of the grid is 30 Kanals. Army flats and wastage area are the north side; Al Wahab flour mill, Shahzad Colony and DM textile mill are on the eastern side of the grid. On the south side of the grid there is a marble factory and habitation of Habib colony.



13. **Gujar Khan** (IESCO's property since 25-08-1955) The augmentation subproject will be located entirely within the existing grid station that is located on the main GT road (Islamabad – Lahore) at Gujar Khan City about 60km from Islamabad. The grid station area is 170 Kanals – 16 Marlas. It is surrounded by the habitation of Gujar Khan town.
14. **Dina** (IESCO's property since 10-02-1959): The augmentation subproject will be located entirely within the existing grid station that is situated on the main Dina - Mirpur road about 1km north of Dina City towards Mirpur. Hadala Village elementary college is to the north and east. There is agricultural land to the south and west. Total area of the grid station is 34 Kanals – 07 Marlas.
15. **H-11** (IESCO's property since 14-09-1987): The augmentation subproject will be located entirely within the existing grid station that is located in H-11 sector on Police line road, Islamabad. The grid station area is 24 Kanals – 07 Marlas.
16. **KTM** (IESCO's property since 02-09-1978): The augmentation subproject will be located entirely within the existing grid station that is located on Peshawar- Rawalpindi road about 5km from Rawalpindi Cantt. Total area of the grid station is 89 Kanals – 06 Marlas.
17. **Sowan** (IESCO's property since 1988): The augmentation subproject will be located entirely within the existing grid station in Sowan, Islamabad located to the south side of the Lahore – Rawalpindi G.T Road; main entrance is about 0.3 km from the road. Total area of the grid station is 21 Kanals – 58 Marlas. The extension work will not cause any damage to land, structure and other livelihood of community.
18. **Satellite Town** (IESCO's property): The augmentation subproject will be located entirely within the existing substation that is located is on the main Satellite town road about 5 Km from zero point in Islamabad. Total area of the grid is 20 Kanals and it is surrounded by the habitation of Shamasabad, Rawalpindi. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.
19. **Rawal** (IESCO's property since 14-06-1967): The augmentation subproject will be located entirely within the existing grid station located on Islamabad Murree road near Kashmir Choke opposite to the convention center. Total grid station area is 69 Kanals and is surrounded by the land area owned by CDA and Islamabad Golf Club.
20. **Jhelum** (IESCO's property since 1966): The augmentation subproject will be located entirely within the existing grid station located about 230 km from Islamabad. Grid Station is at about 1.0 km from the centre of the Jhelum city Bus stand. The grid station area is 80 Kanals – 12 Marlas. The augmentation work will not cause any damage to land, structure and other livelihood of community.
21. **Chakwal** (IESCO's property since 18-03-1992): The augmentation subproject will be located entirely within the existing grid station that is located on the route to Talagang on main Talagang – Chakwal road at about 2km from the main Chakwal city. Total area of the grid station is 69 Kanals – 18 Marlas.
22. **Kallar Sydan** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located on the route to Kallar Sydan village on main road at about 3.5 km from the main GT Road. Total area of the grid is 34 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.
23. **Kallar Sydan** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located on the route to Kallar Sydan village on main road at about 3.5 km from the main GT Road. Total area of the grid is 34 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.
24. **Padshahan** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located Chakwal District. Total area of the grid is 45 Kanals – 16 Marlas. There is

no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

25. **Padshahan** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located Chakwal District. Total area of the grid is 45 Kanals – 16 Marlas. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

26. **National Police Foundation (N.P.F)** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in H - 12 sector of Islamabad. Total area of the grid is 17 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

27. **National Police Foundation (N.P.F)** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in H - 12 sector of Islamabad. Total area of the grid is 17 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

28. **Talagang** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in Talagang city. Total area of the grid is 84 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

29. **Kahuta** (IESCO's property since 29-12-1983): The augmentation subproject will be located entirely within the existing grid station that is in Kahuta City about 1km from the main market. Total area of the grid station is 88 Kanals – 14 Marlas.

30. **Nilor** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in Nilor, Islamabad. Total area of the grid is 63 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

31. **Attock.** (IESCO's property since 17-07-1964): The augmentation subproject will be located entirely within the existing grid station that is located to the west side of the Basal Road about 2 km from the main part of Attock City. Dhoke Gama village is to the north and west. Dhoke Haji Ahmad village is to east. There are agricultural fields to the south. The nearest houses are about 700m away in the village of Gama. Total area of the grid station is 76 Kanals – 11 Marlas.

32. **Gondal** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in Gondal city, Attock. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

33. **Dandot** (IESCO's property): The augmentation subproject will be located entirely within the existing grid station that is located in Dandot city, Jhelum district. Total area of the grid is 52 Kanals – 10 Marlas. There is no land acquisition involved in this subproject. The grid station has ample space for the augmentation and associated equipment.

34. **Neela Bogowal** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located in Chakwal District. Total area of the grid station is 72 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

35. **Bara Gowa** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located in Bara Gowa Village of Jhelum City. Total area of the grid station is 75 Kanals.

There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

36. **Choa Saiden Shah** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located in Choa Saiden Shah City of district Chakwal. Total area of the grid station is 80 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

37. **Cheint** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located in Rawalpindi District. Total area of the grid station is 28 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

38. **Chakri** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located in Chakri and adjacent expending population of District Rawalpindi as well as sector I-16 & 17 of Islamabad. Total area of the grid station is 48 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

39. **Basal** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located 45 km south of Attock City and serves as the demographic/geographic center and cross-link between Attock, Chakwal, Kohat and Rawalpindi on main Rawalpindi - Kohat Road. Total area of the grid station is 40 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

40. **Chatar Pari** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located 15 km from Muzaffarabad (AJ&K) and serves as the demographic / geographic center for tourist. Total area of the grid station is 43 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

41. **Minhasa** (IESCO's property): The extension subproject will be located entirely within the existing substation that is located on the Muzaffarabad – Bagh road at Minhasa village in Azad Kashmir. This is about 115 Km from Islamabad and 10 Km from Kohala Bridge. Total area of the grid is 20 kanals and it is surrounded by the habitation of Minhasa village and chir pine forests. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

42. **Plandari** (IESCO's property): The extension subproject will be located entirely within the existing substation that is located on the Rawalpindi – Plandari – Hajeera road at Plandari city of Azad Kashmir. This is about 120 Km from Islamabad. Total area of the grid is 21 kanals and it is surrounded by the habitation of Plandari city and chir pine forests. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

43. **Hajeera** (IESCO's property): The extension subproject will be located entirely within the existing substation that is located is on the Muzaffarabad road at Hajeera village in Azad Kashmir. This is about 160 Km from Islamabad. Total area of the grid is 20 kanals and it is surrounded by the habitation of Hajeera village and chir pine forests.

44. **Ahmedal** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located at about 80 km from Rawalpindi city & 10 km away from Ahmedal village. The grid station is located on main Rawalpindi – Pindigheb road and surrounded by the scattered homes at a distance of 500m approximately. Total area of the grid station is 62 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

45. **Pindi Gheb** (IESCO's property): The extension subproject will be located entirely within the existing grid station that is located at about 120 km from Rawalpindi city & 30 km away from Ahmedal village. The

grid station is located on main Rawalpindi – Pindigheb road and surrounded by the scattered homes at a distance of 500m approximately. Total area of the grid station is 60 Kanals. There is no land acquisition involved in this subproject. The grid station has ample space for the extension work and associated equipment.

## **2.2 Resettlement Impacts**

### **2.2.1 Number of houses to be displaced**

4. No houses exist on the project sites and the area is not inhabited, therefore there are no resettlement issues related with housing.

### **2.2.2 Number of Directly Affected Persons (AP's)**

5. No peoples are living on the project sites, hence there are no directly affected.

### **2.2.3 Number of Indirectly Affected Persons (AP's)**

6. As there will be no work in the adjoining areas, there will be no indirect effects.

### **2.2.4 Loss of Agricultural Area / Cropland**

7. The grid station land have no agriculture use, therefore there is no loss of agricultural area or any cropland.

### **2.2.5 Loss of Orchards**

8. There are no losses of orchards.

### **2.2.6 Loss of water courses**

9. No watercourses exist in the subproject areas.

### **2.2.7 Loss of trees**

10. Tree plantations exist within the grid stations and in the surrounding areas. No tree will be removed for the erection of new transformers.

### **2.2.8 Loss of structures / buildings**

11. No loss of structures / buildings will occur due to the implementation of the sub-projects.

### **2.2.9 Loss of individual and community livelihoods**

12. There are no losses of livelihoods. (see 2.2.2 and 2.2.3)

### **2.2.10 Loss of forest land**

13. The work being carried out within the existing grid stations does not incur loss of forestlands.

### **2.2.11 Damage or disturbance to government installations**

14. The area / grids belong to IESCO with allied structure and equipment. The installation / erection of transformers will be carried out with in these grid stations. This will improve bring improvement to the overloaded substations.

**2.2.12 Damage or disturbance to utility lines**

15. There will be no disturbance to the utility lines.

**2.2.13 Loss of grazing and fishing activities**

16. There is no loss of grazing and fishing activities. (see 2.2.4)

**2.2.14 Summary**

17. The project falls under **Category-C** therefore, no resettlement plan is required as there is no private land acquisition or acquisition of other assets. There is no displacement of people and there is no loss of income is caused by the subproject.

**2.3 Community's Overall Response to the Proposed Sub-Project**

18. The major concern of the community is of load shedding. Some residents also demanded employment of local persons during the erection / installation period. The local communities' responses to the subproject are summarized as follows:

**2.3.1 Project Awareness**

19. The majority of the beneficiary communities were found aware of the Project activities.

**2.3.2 Effects on business and living conditions**

20. Almost all of the community expect a positive impact of the sub-project in terms of improved voltage and reduced load shedding.

**2.3.3 Job Opportunities**

21. The communities requested to be hired for unskilled to semi-skilled jobs during the construction and operation of the project activities.

**2.3.4 Suitability of Proposed site**

22. The present sites are suitable for extension and augmentation of power transformers.

**2.4 Socio-Economic Survey**

23. No socio-economic survey was required for this project as this fall in Category-C as per ADB Guidelines.

**2.5 Indigenous People**

24. There are no indigenous people in the project area.

**2.6 Gender Impacts**

25. During the discussion with community it was observed that women's status was considered to be much below that of men. They were not allowed to move freely and have low participation in decision making for socio economic activities.

## **2.7 Resettlement Budget**

26. This is not applicable for any of the sub projects. (2.2.14)

## **2.8 Implementation Schedule**

27. This is not applicable, see above.

## **3 MONITORING & EVALUATION**

28. The Monitoring & Evaluation activities of this sub-project will be limited to monitoring the implementation of construction. It will be ensured that the contractors, vendors and economic activities include the employment of local labor force in the construction and post construction activities.

## **4 IDENTIFICATION AND SELECTION OF ALTERNATIVE SITES**

29. No studies of alternative sites are required as the subproject do not involve any involuntary resettlement and social and economic loss to any section of the society or the grazing rights of the indigenous peoples. No activity for the compensation or relocation is planned under the subproject.