

# External Social Monitoring Report

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Bi-annual Social Monitoring Report  
July 2016

## Pakistan: MFF – Power Distribution Enhancement Investment Program – Tranches 1-3

## NOTES

- (i) The fiscal year (FY) of the Government of the Islamic Republic of Pakistan and its agencies ends on 30 June.
- (ii) In this report “\$” refer to US dollars.

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**Six Monthly Ext. Social Jan-June 16.pdf**

Jose Tiburcio Nicolas to: Liaqat Ali

01/08/2016 02:14 PM

Cc: Zhang Lei, Ehtesham Z. Khattak, Ashfaq Khokhar, Muhammad Zeeshan

Dear Liaqat sb,

We have reviewed the attached external social SMR prepared by SMEC for the period January-June 2016. We endorse acceptance and uploading of this external SMR in the ADB website for disclosure. We endorse acceptance of the findings and recommendations made in this report and suggest that PEPCO submit to ADB a consolidated corrective action plan (CAP) to ADB to address the findings and act on the recommendations made in this SMR.

Following are our specific comments/observations:

1. Many of the issues noted in this external SMR have been flagged in earlier SMRs but remain pending or not acted upon. These include (i) DISCO GSC staff not sharing updates to the ESIC staff on the commencement of work which results in the delay in the preparation and disbursement of compensation; (ii) most contractors have hired sub-contractors for civil works but do not have representatives to supervise sub-contractors; (iii) shortage of ESIC staff in FESCO; (iv) continued delay in the preparation of compensation by the Finance Departments of the DISCOs; (v) non-provision of vehicles to ESIC staff of QESCO and PESCO which hampers proper field monitoring; (vi) some ESIC staff not meeting the minimum qualifications for their positions; (vii) and improper internal monitoring by PESCO.
2. Previous monitoring reports also noted the lack of training for PD (GSC) support staff (Qanoongo, Patwari and LAO) to carry out different types of surveys essential to fulfill the LARP conditions. It is not clear if this gap has been addressed considering that the training proposal prepared by SMEC has not been endorsed by PEPCO to ADB.
3. Tranche 4 is still not covered by the external monitoring. However, since a number of proposed subprojects from savings in Tranche 4 also have LAR issues, subsequent external SMRs should also cover these subprojects under Tranche 4.
4. Gaps in the composition of the GRC were noted in the SMR. However, it did not include an assessment if the grievance redress mechanism is working, what issues were captured by the system and status of the resolution of the issues or complaints noted by the system.
5. There is no assessment made on the restoration of temporarily used land and feedback from APs on the restoration.

We recommend the following actions:

1. PEPCO, in coordination with the concerned DISCOs to submit to ADB for review on or before 15 August 2016 a time-bound plan to implement the corrective action plan (CAP) proposed in the SMR including: (a) ensuring that ESICs are regularly updated by the GSC staff on the status and target dates for civil works; (b) appropriate measures to accelerate complaint resolution; (c) regular meetings by the GRCs to sort out any outstanding issue and GRC reconstitution with representation from affected community where needed; (d) provision of independent means of transport for the ESIC at PESCO and QESCO; (e) hiring of the required support staff (Qanongo, Patwari, Surveyers) in all DISCOs for smooth and effective functioning of ESICs; (f) acceleration of compensation processing by the finance department of the concerned DISCOs; and (g) filling in of all vacant posts in the ESIC with qualified staff
2. PEPCO to instruct SMEC to include in its next external SMR (a) subprojects in Tranche 4 with LAR issues, (b) assessment of the restoration work done for temporarily used sites, including feedback from the DPs, (c) assessment of the operations of the grievance redress mechanism, including status of resolution of complaints received
3. PEPCO to review and endorse for ADB review by 15 August 2016 the training proposal prepared by SMEC and facilitate its implementation
4. PEPCO to ensure that civil works do not commence for subprojects where LARPs are still to be updated under after the updated LARPs have been reviewed by ADB and uploaded for disclosure.

5. PEPCO to instruct SMEC to assist the ESICs in improving the quality of the internal resettlement monitoring reports and in addressing comments provided by ADB to such reports

We suggest that these recommendations be communicated formally through a letter.

Regards,

Tito S. Nicolas

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(In association with SOFRECO, Bit Com Services GmbH, Engineering General Consultants (EGC) Pvt Ltd, and TECHNO legal Consultants Pvt Ltd)

**Loan No. 2439 PAK: Consultancy Services for Facility  
Management Consultant (FMC): Power Distribution  
Enhancement Investment Program**

**Six Monthly Monitoring Report of Land Acquisition and  
Resettlement Plans (LARPs) Implementation of Tranche 1, 2  
& 3 ADB-MFF Projects**

(January – June 2016)

For:

**Asian Development Bank (ADB)**

**Ministry of Water and Power, Government of Pakistan**

**PEPCO**

**July 28, 2016**

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**ABBREVIATIONS**

ADB	Asian Development Bank
BPI	British Power International (Consultants)
CAP	Corrective Action Plan
CED	Chief Engineer Development
CoI	Corridor of Impact
DDR	Due Diligence Report
DHs	Dislocated Households
DMS	Detailed Measurement Survey
DPs	Dislocated Persons
EMA	External Monitoring Agency
ELR	Energy Loss Reduction
ESIC	Environmental and Social Impact Cell
FMC	Facility Management Consultants
GRC	Grievance Resolution Committee
GRM	Grievance Resolution Mechanism
IMO	Independent monitoring organization
IMR	Internal Monitoring Report
IPDF	Indigenous Peoples Development Framework
IPDP	Indigenous Peoples Development Plan
IPP	Independent Power Producer (Private Sector Power Generation entity)
LAO	Land Acquisition Officer
LARF	Land Acquisition and Resettlement Framework
LARP	Land Acquisition and Resettlement Plan
PDEIP	Power Distribution Enhancement Investment Program
PEPCO	Pakistan Electric Power Company
RFS	Resettlement Field Survey
ROW	Right of Way
SEPCO	Sukkur Electric Power Company
SMEC	Snow Mountains Engineering Corporation (FMC Consultants)
TA	Technical Assistance
TL	Transmission Line
TNA	Training Need Assessment
WAPDA	Water and Power Development Authority

## EXECUTIVE SUMMARY

The Government of Pakistan aims to redress ageing, overloaded and deteriorated power distribution system in Pakistan. Excess load on power transmission and distribution lines exacerbated with poor power factor of load leads to power losses, which are estimated from 7 to 32 %. The reliability of the distribution networks is also a cause for concern because power interruptions and customer downtime are beyond acceptable levels. Many people still lack access to power.

The Government of Pakistan wishes to redress these problems through rehabilitation and augmentation of power distribution system. The Government 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 a 10-year period. This program comprises 15% of the total power distribution sector investment plan for 2008–2017.

The Investment Project is being implemented by eight power distribution companies (DISCOs); namely Faisalabad Electric Supply Company Limited (FESCO), Gujranwala Electric Power Company Limited (GEPCO), Hyderabad Electric Supply Company Limited (HESCO), Islamabad Electric Supply Company Limited (IESCO), Lahore Electric Supply Company Limited (LESCO), Multan Electric Power Company Limited (MEPCO), Peshawar Electric Supply Company Limited (PESCO), and Quetta Electric Supply Company Limited (QESCO) with Pakistan Electric Power Company (PEPCO) is acting as the Executing Agency (EA) for the investment program.

PEPCO and eight DISCOs signed Loan Agreements with ADB for implementation of activities financed under Tranche-1 (2438-PAK), Tranche-2 (2727-PAK), Tranche-3 (2972-PAK) and Tranche-4 (3096-PAK) of the Investment Program in November 2008, January 2011, September 2013 and April 2014, respectively. The overall cost of each is:

- Tranche 1 subprojects amounted to \$212 million with \$172 million financed by ADB
- Tranche 2 subprojects revised estimates are \$221 million, with \$172 million financed by ADB
- Tranche 3 subprojects are estimated at \$272 million, with \$245 million financed by ADB.
- Tranche 4 subprojects are estimated at \$228 million, with \$167 million financed by ADB.

The implementation of Tranche-1 was largely completed by the end of October 2012, whereas Tranche-2 will continue until March 2018 and Tranche 3 until January 2018. Tranche-4 completion is tentatively targeted by June 2018. The work covered by the all Tranches ranges across all voltage levels and consists of 720 subprojects on the secondary transmission system and 35 subprojects on the 11kV system. The subprojects will contribute to the improvement of the overall performance of the power distribution sector by improving distribution efficiency, and increasing access to power.

Under ADB loan 2439 (SF)-PAK, to support DISCOs in the implementation of the Power Distribution Enhancement Investment Program, a Facility Management Consultant (FMC) – SMEC International Pty Ltd in association with SOFRECO, Bit Com Services GMBH, Engineering General Consultants (EGC) Pvt. Ltd, and TECHNO legal Consultants Pvt. Ltd (herein referred as The Consultant), has been engaged to implement this investment

The FMC project has four main tasks: Project Development of Tranches-3 and 4; Project Implementation of Tranches 1, 2, 3 and 4; External Monitoring; and Capacity Building. The activities for Tranche-1 and Tranche-2 of the Investment Programs were commenced in January 2009 and January 2011 respectively with completion dates estimated at June 2012 and September 2015. Under the scope of Tranche-1 and Tranche-2 Implementation, 268 subprojects on Secondary Transmission and Grid system (STG) and 35 subprojects on the lower voltages are being covered. There are 144 Tranche-2 subprojects. The work on Tranche-3 sub projects has been started in all DISCOS. Tranche-4 sub projects are at preliminary stages. These contain 116 and 315 sub-projects including spare transformers; respectively. ADB loan covenants require "internal" and "external" Monitoring and Evaluation (M&E) of sub-projects which have environmental or social impacts. The FMC is responsible for the external M&E for the loan, covering Tranches 1, 2, and 3 sub-projects.

Tranche-1 projects had two LARPs and one DDR. The implementations of projects with associated LARPs were completed in June 2012 and there are no outstanding issues.

All DISCOs have constituted GRCs to resolve the issues regarding compensation and right of way issues that may arise during the implementation of sub projects. Most of the complaints are resolved at the community level.

In Tranche-2 there are 26 LARPs and 6 DDRs. Following are the main observations with respect to Tranche-2 and Tranche-3 made in the last (December 2015) M&E Report:

- LARPs of Tranche 3 will be revised after line profiles are approved. IESCO has revised two LARPs and MEPCO has revised one LARP.
- DISCO's GSC staff do not share updates regarding the commencement of work at sub projects with ESIC staff which results in the delay in the preparation and disbursement of compensation.
- Most contractors have hired sub-contractors for civil work in subprojects but no representative of contractors were present during the site visits.
- Shortage of staff in ESICs at PESCO and FESCO is non-compliant with ADB's SPS.
- Finance Departments at DISCOs delay the preparation of compensation, which results in poor community relations.
- Independent vehicle facilities must be provided to ESICs for smooth functioning and timely monitoring of sub projects in QESCO, GEPCO and PESCO.
- Some ESIC staff are not qualified for their positions.
- PD (GSC) support staff (Qanoongo, Patwari and LAO) are not well trained to carry out different types of sociological surveys which are essential to fulfil the LARP conditions.
- Except at PESCO, the Social Internal Monitoring & Evaluation is being carried out properly.

For this report, the evaluation of DISCOs compliance with ADB Safeguard Policy Statement was done during field visits with DISCOs. The following main observations/findings with respect to Tranche 2 and Tranche 3 were made by the FMC during the January – June 2016 M&E report:

- LARPs of Tranche 3 are being revised in IESCO and MEPCO. Other DISCOs will update LARPs after approval of line profiles.
- DISCO's GSC staff do not share updates regarding the commencement of work at sub projects with ESIC staff. This lack of coordination results in the delay in the preparation and disbursement of compensation.
- Generally, most contractors have hired sub contractors for civil work in subprojects but no representative of contractors were present during the site visits.
- Shortage of staff in ESICs at FESCO is non-compliant with ADB's SPS.
- Finance Departments at DISCOs continue delay the preparation of compensation
- Communities have concerns over the amounts paid in all DISCOs. A complaint regarding underpayment has been lodged in HESCO.
- Independent vehicle facilities must be provided to ESICs for smooth functioning and timely monitoring of sub projects in QESCO and PESCO.
- Some ESIC staff are not qualified for their positions PD (GSC) support staff (Qanoongo, Patwari and LAO) are not well trained to carry out different types of sociological surveys which are essential to fulfil the LARP conditions.
- Except at PESCO, the Social Internal Monitoring & Evaluation is being carried out properly.

- A revised TNA and training proposal was sent to the PMU on June 5. This has still not been forwarded to ADB

Tranche-3 has 35 LARPs and 8 DDRs. Civil work for the construction of grid stations and the foundations of transmission lines have been started in all DISCOs. Assessment of compensation is being carried out and documents are being collected from APs,.

DISCOs have savings from Tranche 3 so all DISCOs have added new sub projects. MEPCO has proposed a 66 to 132 kV conversion of the Yazman grid station along with associated transmission line and QESCO has proposed 66 to 132 kV conversions of 4 grid stations (Dera Murad Jamali, Rojhan Jamali, Usta Muhammad and Jhal Magsi) along with associated transmission line. LARPs for these projects have been prepared and submitted to ADB for approval.

Tranche-4 has 8 Due Diligence Reports (DDR) for all the extension & augmentation subprojects which are within the boundaries of the existing Grid Stations at the DISCOs. No social impacts will be made on local communities. Hence one DDR has been prepared for each DISCO for all the subprojects under Tranche-4.

DISCOs have added new projects under Tranche 4 savings. MEPCO proposed 4 new sub projects while FESCO has proposed one subproject to be added. LARPs for these subprojects have been prepared, revised by the FMC and sent to ADB for approval.

FMC environment and social safeguard specialists visit the DISCOs for monitoring of the compliance with ADB SPS 2009 frequently. During last six months, visits were conducted to IESCO (February 22-27), MEPCO (March 15 – 19), GEPCO (February 9-11 and March 30 – April 01) and FESCO (February 10-12) in addition to extensive visits to all DISCOs for bi annual monitoring (April 25 – June 10). A meeting with ESIC and GSC staff along with site visit and community consultation regarding compensation payment is the main objectives of these visits.

The FMC has conducted Training Need Assessment (TNA) through visits to DISCOs except QESCO (done by email and telephonic conversations) in March 2013. A TNA Report was developed to address the environmental and social safeguards short-comings, and a training program was also developed. To conduct trainings for the capacity building of the Discos' staff, technical and financial proposals have been received from different Training Institutes/Firms, and the information was forwarded to the PMU. There has been no response from the PMU regarding the capacity building program and the bid validity for implementing the training projects has lapsed in many cases. There is also no approved budget for the training program, which must be requested from ADB. The following are dates of submission of FMC reports

- The Final Capacity Building Report was submitted to PEPCO on March 25, 2014.
- The Bid Evaluation Report, including training budgets was submitted to PEPCO on June 17, 2014
- The Revised Training Budgets for all components was submitted to PEPCO on August 25 2014.and the evaluation has been forwarded to the Client.
- In June 2016, revised training schedule and budget was submitted to PEPCO for approval. The training schedule will be executed as soon the approval from ADB is received.

The FMC proposes the following corrective action plan for making improvements in the progress of LARP implementation:

- Compensation must be paid to those, who failed to submit documents of ownership on time, for several subprojects of Tranche 2 in GEPCO as per Social Safeguard Policy of ADB. DISCO GSC staff should be asked to share the project activities and regularly update ESICs of the concerned DISCO to avoid the delay in compensation payments.
- DISCOs should take appropriate measures to accelerate complaint resolution.
- Grievance Redress Committees (GRC) must be an active participation in complaint resolution. The GRCs should meet once a month to sort out any outstanding issue.
- GRCs may be reconstituted with representation from affected community where needed.
- Independent means of transport should be made available at PESCO and QESCO.

- Support Staff (Qanongo, Patwari, Surveyers) should be hired in all DISCOs for smooth and effective functioning of ESICs.
- Compensation processes are slow and the finance department of concerned DISCOs must accelerate their payment processes.
- All vacant posts in Environment and Social Impact Cells (ESICs) must be filled, especially in FESCO. E&SICs must have the staff with relevant qualification; the staff with relevant qualifications must be replaced.

# 1 INTRODUCTION

## 1.1 Back Ground

Government of Pakistan aims to redress ageing, overloaded and deteriorated power distribution system in Pakistan. Excess load on the transformers and transmission lines exacerbated with poor power factor of load leads to power losses which are estimated from seven to 7 to 32 %. The reliability of the distribution networks is also a cause for concern because power interruptions and customer downtime are beyond levels acceptable. Many people still lack access to power.

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 period. This program comprises of 15% of the total power distribution sector investment plan for 2008–2017.

The Investment Project will be implemented by eight power distribution companies (DISCOs); namely Faisalabad Electric Supply Company Limited (FESCO), Gujranwala Electric Power Company Limited (GEPCO), Hyderabad Electric Supply Company Limited (HESCO), Islamabad Electric Supply Company Limited (IESCO), Lahore Electric Supply Company Limited (LESCO), Multan Electric Power Company Limited (MEPCO), Peshawar Electric Supply Company Limited (PESCO), and Quetta Electric Supply Company Limited (QESCO) with Pakistan Electric Power Company (PEPCO) is acting as the Executing Agency (EA) for the investment program.

PEPCO and eight DISCOs signed Project Agreements with ADB for implementation of activities financed under Tranche-1 and Tranche-2 of the Investment Program in December 2009 and January 2011 respectively. The overall cost of each of Tranche-1 and Tranche-2 subprojects amounted to \$327 million of which \$242 million was financed by ADB.

Tranche-1 projects had two LARPs and one DDR. The implementation of Tranche-1 was mainly completed in September 2012 and there are no outstanding issues, whereas in Tranche-2 there are 26 LARPs and 6 DDRs. Issues raised in the June 2015 Bi-annual social monitoring report to DISCOs were (i) compensation must be paid in all completed projects on priority basis; (ii) better coordination among GSC and ESICs must be ensured for smooth functioning; (iii) weaknesses and errors in analysis of socio-economic aspects need to be addressed; (iv) lack of experienced staff in ESICs coupled with support staff and lack of transport for carrying out RFS is to be rectified.

Field visits of DISCOs indicates the problems have largely been addressed and (i) all LARPs have been revised, (ii) on ground demarcation is being carried out successfully on all sub-projects; (iii) cut of dates as per revised LARPs are included (iv) replacement costs are well computed in each revised LARP according to new rates of DISCOs concerning revenue and other departments.

Tranche-3 Civil work for construction of grid stations and foundations of transmission lines has been started at MEPCO, FESCO, HESCO, QESCO, GEPCO and IESCO and contractors have been mobilized for commencement of work in PESCO. LESCO has awarded a contract for Package II and for Package III while Package I will be re tendered.

According to ADB's SPS the client is required to undertake "internal" and "external" M&E of various sub-projects. EM&E is carried out to: a) monitor and measure progress of RP implementation, b) verify monitoring indicators for sub projects having significant IR impacts, c) prepare a Corrective Action Plan (CAP) if some significant issues exists, and d) the client will not proceed with implementation of sub projects until the proposed CAP is disclosed and reviewed by ADB. As a result of ISA/ Initial Screening 26 and 33 LARPs were prepared for Tranche-2 and Tranche-3 sub projects respectively at the DISCOs. (A list of these projects is given in Annex-II and Annex III). MEPCO and QESCO have included 2 new sub projects with savings in Tranche 3. LARPs for these subprojects have been prepared and sent to ADB for approval.

The inclusion of additional work containing turnkey installations in FESCO and MEPCO from savings in Tranche-4 would alter the implementation category from "C" to "B" that generates the obligatory need to ensure social safeguards monitoring. (A list of these projects is given in Annex-IV)

LARPs for the new turnkey sub-projects, introduced due to savings in Tranche – 3 and Tranche – 4 have been prepared and sent to ADB for approval.

## **1.2 Objectives of the External Monitoring and Evaluation (EM&E)**

FMC has convened EM&E of Tranche- 1, 2 and 3 projects to fulfil following objectives:

- To assess whether the methodology (census & surveys) to collect LARP information is correct;
- To provide an independent periodic assessment of safeguards' implementations and impacts;
- To verify internal monitoring, reporting, planning and implementation processes;
- To assess whether resettlement objectives have been met;
- To appraise the LARP efficiencies, effectiveness, impact/ sustainability and drawing lessons from the evaluations;
- To ascertain whether the key stake holders especially the DPs are fully consulted throughout the sub-projects' development and implementation.

## **1.3 External Monitoring and Evaluation (EM&E) Indicators**

FMC utilized the following indicators the External Monitoring & Evaluation study of Tranche-2 projects:

- LARP Status- (Date, Validity & Revision)
- Sub project cut-off dates
- Institutional Arrangements to Implement LARPs
- Logistic Support (Transport)
- LARP Disclosures
- Replacement costs
- Disclosure & Participation
- Grievance Redress Mechanisms
- Resettlement Budgets
- Implementation Schedules

## **1.4 Approach Adopted for EM&E**

The, FMC has reviewed the revised LARPs, conducted field visits of DISCOs held meetings with staff of Environment Social Impact Cells (ESICs), Project Management Units (PMU), Supervision Consultants/ contractors and conducted site visits. Detailed information was collected on LARP implementation progress. (See Annex-VIII & IX).

## **1.5 Distribution Companies (DISCOs)**

### **1.5.1 Faisalabad Electric Power Company Limited (FESCO)**

FESCO distributes and supplies electricity to about 3.149 million customers within its service territory with a population of over 27.5 million under a Distribution License granted by National Electric Power Regulatory Authority (NEPRA) pursuant to the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (NEPRA Act). Geographical service area of FESCO comprises Faisalabad, Sargodha, Mianwali, Khushab, Jhang, Bhakkar, T.T Singh, Mandi Baha ud din (partially) and Chiniot districts. In total 12 sub-projects of augmentation (6) and extension (6) have been approved under Tranche-2. All sub-projects

categorized as 'C' because there is no significant impacts on community due to these projects (See Annex-II). In Tranche-3 total 11 sub-projects including 2 new sub-stations, 4 conversions and 5 transmission lines have been approved. 5 transmission lines sub projects are categorized as 'B' and LARPs have been prepared to meet ABD's SPS, 2009 (Annex III). 1 conversion sub project has been included with savings of Tranche 4. The sub project falls under category 'B' and LARP has been prepared in compliance to ADB's SPS 2009 (Annex-IV)

### **1.5.2 Gujranwala Electric Power Company Limited (GEPCO)**

GEPCO is a Public Limited Utility Company, established in 1998 under Companies Ordinance 1984 and is responsible for distribution of Electric Power within its territorial jurisdiction and presently serving approximately 2.5 Million Customers (Domestic, Commercial, Agricultural, Industrial and others) in the six districts of Province Punjab (Gujranwala, Narowal, Gujrat, Hafizabad, Sialkot and Mandi Baha ud din). In total 16 sub-projects including 5 augmentation/ extension, 2 conversions , 4 new substations and 5 transmission lines ( under Tranche-2. have been approved under Tranche-2, However conversions, new substations and transmission lines subprojects are categorized as 'B' and LARPs have been prepared for these as per ADB's SPS, 2009(See Annex-II). There are 4 conversion sub-projects along with associated transmission lines for Tranche-3. Transmission lines have social impacts and categorized as 'B'. LARPs have been prepared as per ADB's SPS, 2009 requirements. These lines are no included in ADB's scope of work as these will be completed by own resources from GEPCO (Annex-III).

### **1.5.3 Hyderabad Electric Supply Company Limited (HESCO)**

HESCO is a Public Limited Utility Company, established in 1998 under Companies Ordinance 1984 and is responsible for distribution of Electric Power within its territorial jurisdiction in entire Sindh except Karachi. The Power Distribution Enhancement Investment Program (PDEIP) Tranche-2 is located in 22 districts viz., Badin, Dadu, Ghotki, Hyderabad, Jacobabad, Jamshoro, Kashmore, Khairpur, Larkana, Matiari, Mirpur Khas, Naushahro Firoz, Shaheed Benazirabad (Nawab Shah), Qamber and Shahdad Kot, Sanghar, Shikarpur, Sukkur, Tando Allah Yar, Tando Muhammad Khan, Tharparkar, Thatta and Umer Kot. Under Tranche-2 3 conversions, 1 new substation and 3 transmission lines have been approved. However conversions, new substations and transmission lines subprojects are categorized as 'B' and LARPs have been prepared as per ADB's SPS, 2009 (See Annex-II). In total 12 sub-projects including 3 conversions, 1 new, 3 augmentation/extension and 6 transmission lines have been approved in Tranche-3. 6 transmission lines are categorized as 'B' and LARPs have been prepared under ADB's SPS, 2009 (Annex-III).

### **1.5.4 Islamabad Electric Supply Company Limited (IESCO)**

IESCO is a public utility company, providing electricity to the Islamabad Capital Territory (ICT), Northern districts of the Punjab Province (Rawalpindi, Attock, Jhelum and Chakwal) and Southern area of Azad Jammu and Kashmir (AJK). The IESCO was registered in April 1998 under the Companies Ordinance 1984, Pakistan. The Power Distribution Enhancement Investment Program (PDEIP) Tranche-2 is located in two districts of Northern Punjab; Jhelum, and Chakwal and three districts of Azad Jammu & Kashmir (AJK); Bagh, Hattian, & Mirpur. In total 12 sub-projects including 8 augmentation/ extension, 1 conversion and 3 transmission lines have been approved under Tranche-2. The conversions, new substations and transmission lines subprojects are categorized as 'B' and LARPs have been prepared for these sub-projects as per ADB's SPS, 2009 (See Annex-II). In Tranche-3, 3 new sub stations, 13 augmentation/extensions and 8 transmission lines have approved. 7 transmission lines sub-projects are categorized as 'B' and LARPs have been prepared to meet the ADB's SPS, 2009 requirements (Annex III).

### **1.5.5 Lahore Electric Supply Company Limited (LESCO)**

Lahore Area Electricity Board was reorganized into one such corporatized entity under the name of Lahore Electric Supply Company (LESCO) with effect from 22nd March 1998, with the aim of commercialization and eventually privatization. The proposed sub-projects are spread out over most of Lahore district; both in the main Lahore city, as well as in the fringe areas of Lahore, Most of the distribution grid substations (DGS) are



located in Tehsils and Districts of Lahore, Province of Punjab. The Power Distribution Enhancement Investment Program (PDEIP) Tranche-2 is located in the districts of Lahore, Sheikhpura, Kasur, Okara, and Nankana. In total 17 sub-projects of extensions/augmentation including 12 extensions/augmentations, 5 new substations and feeding transmission lines have been approved under Tranche-2. However new substations and transmission lines subprojects are categorized as 'B' and LARPs have been prepared as per ADB's SPS, 2009 (See Annex-II). Approved projects for Tranche-3 contain 4 new substations, 9 augmentation/extensions and 4 transmission lines sub-projects. Transmission lines sub-projects have no social impact and categorized as 'C', so no LARP is required (Annex III)

#### **1.5.6 Multan Electric Power Company Limited (MEPCO)**

MEPCO is a Public Limited Utility Company, established in 1998 under Companies Ordinance 1984 responsible for distribution of Electric Power within its territorial jurisdiction and presently serving more than four Million customers (Domestic, Commercial, Agricultural, Industrial and others) in thirteen districts of Punjab Province (Multan, Sahiwal, Bahawalpur, Bahawalnagar, Dera Ghazi Khan, Rajanpur, Rahim Yar Khan, Lodhran, Khanewal, Pakpattan, Muzaffargarh, Vehari and Layyah). In total 20 sub-projects including 14 extension and augmentations, 3 conversions, 3 new sub stations and 1 transmission line have been approved under PDEIP Tranche-2. All the conversions, new substations and transmission lines subprojects are categorized as 'B' and LARPs have been made as per ADB's SPS, 2009 (Annex-II). In Tranche-3 a total of 17 sub-projects including 2 new substations, five 66 to 132 kV conversions, 3 augmentations and extensions and 7 transmission lines have approved. 7 transmission lines are categorized as 'B' and LARPs have been prepared as ADB's SPS, 2009 requirements. MEPCO has added 1 sub project of conversion with savings in Tranche 3 (Annex III) and 04 new sub stations and 1-conversion of 66 kV to 132 kV sub projects for Tranche 4 saving that are categorized as 'B'. LARPs have been prepared as per SPS 2009 of ADB (Annex IV).

#### **1.5.7 Peshawar Electric Supply Company Limited (PESCO)**

PESCO, located in Peshawar, provides service of power distribution to over 2.6 million consumers of all civil districts of Khyber Pukhtunkhwa, Pakistan. At PESCO networks, Khyber Pakhtunkhwa's electricity distribution system is maintained via 132, 66, 33KV sub-transmission lines, sub-stations and 11KV & 440V low tension lines with distribution transformers that deliver electricity to homes or business. In total 22 sub-projects including 21 extensions/ augmentation, and 1 new substation have been approved under -2. The new substation and its associated transmission line subproject are categorized as 'B' and LARP has been prepared as per ADB's SPS, 2009. (See Annex-II). Tranche-3 includes 19 sub-projects including 2 new, 2 conversions, 13 augmentation/extensions and 2 transmission lines. Transmission lines sub-projects are categorized as 'B' and LARPs have been prepared to meet the ADB's SPS 2009 (Annex III).

#### **1.5.8 Quetta Electric Supply Company Limited (QESCO)**

QESCO is operating as a Power Distribution Company and will act as Private Organization on switching over from Public to Private Sector. QESCO is dealing with Power Supply System in the whole Baluchistan less District Lasbela. It is smallest in terms of consumers but largest as it covers 43% area of Pakistan. The Power Distribution Enhancement Investment Program (PDEIP) Tranche-2 projects lie in the districts of Quetta, Mastung, Kalat, and Khuzdar Districts of Baluchistan. In total 15 sub-projects of extension/augmentations have been approved under PDEIP Tranche-2. All sub-projects categorized as 'C' because there is no significant impacts on community due to this developmental activities (See Annex-II). In total 2 transmission lines sub-projects have been approved for Tranche-3. Both transmission lines sub-projects are categorized as 'B' and LARP have been prepared to meet the ADB's SPS, 2009 requirements. 1 sub project for the 66 to 132 kV conversions of 4 grid stations and associated transmission lines was added from Tranche 3 savings. The LARP for this sub project has prepared in accordance with SPS 2009 of ADB as the sub project comes under category 'B' (Annex III)

## 2 ASSESSMENT OF LARP PROCESSES

FMC has examined the methods and approaches adopted by the DISCOs in the preparation, revision and implementation of LARPs. In addition, important LARP indicators including: (i) development of safeguard protocols (staffing, devising safeguard formats, (ii) data collection and reporting procedures and devising feedback mechanism, etc.), (iii) cut-off dates, (iv) Capacity Building (training needs) and (v) Logistic Support (Transport) are monitored to assess the soundness of program implementations. Information regarding these indicators was collected for LARPs of sub projects prepared by the DISCOs and are set out below.

### 2.1 Preparation of Revised LARP(s)

The LARPs of Tranche-2 sub projects were prepared 4 to 5 years ago. All LARPs are required to be updated with actual data after completion or finalization of any subproject. LARPs of all DISCOs have been revised. Tranche-3 implementation is in progress. LARPs are being revised in IESCO, FESCO and MEPCO as foundation work is in progress while other DISCOs are in the process of gaining approval of line profiles. LARP revision will be carried out after the line profiles have been approved

**Table 1: Description of Revised Tranche 2 LARPs**

Name of DISCO	LARP(s) Submitted to ADB (Date)		Total No. of LARPs	Revised LARP(s) Received	Remarks
	Original	Revised			
FESCO	--	--	--	--	In Tranche-II only Augmentation is being carried out. No LARP exists. These sub-projects are of category 'C'.
QESCO	--	--	--	--	--do--
GEPCO	Nov, 2010	April, 2013	10	10	Provided to FMC for EM&E
HESCO	Nov, Dec 2009	April, 2013	7	7	One LARP was not provided
IESCO	April, 2010	April, 2013	3	3	Provided to FMC for EM&E
LESCO	Sep, 2010	June 2014	2	2	Approved by ADB, but not received to FMC
MEPCO	June, 2010	April, 2013	3	3	Provided to FMC for EM&E
PESCO	Dec, 2009	April, 2012	1	1	Provided to FMC for EM&E

### 2.2 Sub Project Cut-Off Dates

Census, DMS and socio-economic surveys were carried out to determine the nature and type of DPs and to estimate the extent of impacts and economic losses. The setting of project cut-off dates is done at the completion of this survey. Normally, the last day of the census date is taken as cut-off date for the sub project. The cut-off dates as per revised LARPs for all sub projects of DISCOs were updated to reflect revised project timetables. HESCO, MEPCO and LESCO did not change their LARPs cut-off dates because there is no change in line route, while GEPCO and IESCO changed their Cut-off dates due to changes in line routes. PESCO has already changed its Cut-off date as indicated below in table-2. The Cut-off date is very important in any sub-project because it determines that there can be no further changes from community on their land. It also determines the over-run period for compensation. (Table-2 & Annex-V).

**Table 2: Cut-off Date as per Revised Tranche-2 LARP(s)**

DISCOs	Impact Assessment Survey Period (Cut-off Date)	Over Run Period (Months)	Remarks
FESCO	--	--	

DISCOs	Impact Assessment Survey Period (Cut-off Date)	Over Run Period (Months)	Remarks
QESCO	--	--	No LARP
GEPCO	April, 2013	38	In most of the Sub-Projects, the overrun period is 3-8 years.
HESCO	Sep, 2008 to Jul, 2009	88-94	
IESCO	Nov, 2012	43	
LESCO	Jan-Mar 2009	90-93	
MEPCO	July 2008 to July 2009	88-98	
PESCO	April, 2012	43	

### 2.3 Institutional Arrangement to implement LARPs

Institutional arrangements include: (i) Institutional responsibilities and mechanisms for carrying out LARPs; (ii) Capacity Building; (iii) participation of DPs representatives/ NGOs; and (iv) involvement of women in planning and implementation. Institutional arrangements for LARP revision and implementation need to be well defined. It has been observed during the monitoring visits that following groups play major roles in LARP implementation

- Environment & Social Cell (E&SC)
- GSC staff (surveyors , patwaris and LAO)
- Contractor's Environmental and Social Safeguard Staff

The consultant notes that coordination between these sections is not satisfactory, and could be improved by (i) clearly defining the roles of each section, (ii) increasing the interaction with each other in LARP implementation activities including review of progress, and (iii) building consensual decision making to undertake corrective actions. ESIC should act as a focal entity in building up coordination.

### 2.4 Academic Assessment of Staff in ESICs

Effective implementation of social safeguard activities requires the placement of qualified staff in ESIC. The consultant found that ESIC lack the appropriate level human resources and skills. Five posts are still vacant out of twenty-four designated positions. Some staff members do not have relevant qualification (see Table-3). Only sixteen qualified personnel are looking after the work of all the eight DISCOs. The consultant recommends that vacant posts should be filled and staff with relevant qualifications should be appointed to equip ESIC with more appropriate human resources.

**Table 3: Academic Assessment of ESICs Staff**

Name of DISCO	Name of Post	Status	Experience (In years)	Qualification (Last Degree)	Suitability		Remarks
					Yes	No	
LESCO	DM (ENV)	Working	12	M.Phil. (Env.)	✓	--	--
	AM (ENV)	Working	03	MBA	--	✓	
	AM (SOC)	Working	7	M.A (Eco)	✓	--	--
MEPCO	DM (ENV)	Working	14	M.Phil. (Env)	✓	--	--
	AM (ENV)	Vacant	--	--	--	--	Post vacant since Dec 2015
	AM (SOC)	Working	05	M. Phill (Soc)	✓	--	--
IESCO	DM (ENV)	Working	08	M.Sc. (Env)	✓	--	--
	AM (ENV)	Working	05	M.Sc. (Env)	✓	--	--
	AM (SOC)	Working	05	M.Sc. (Env)	✓	--	--
FESCO	Manager (ENV)	Working	04	B. Sc. (Civil)/ M. Sc. Environment	✓	--	--
	AM (ENV)	Working	04	B.Sc. (Civil)	--	✓	Must be Environmental Scientist/Engineer
	AM (SOC)	Vacant	--	--	--	--	Post vacant since Aug 2015
GEPCO	DM (ENV)	Vacant	--	--	--	--	Post Vacant
	AM (ENV)	Working	10	M.Sc. (Env)	✓	--	05 years' experience as AM (ENV) in GEPCO
	AM (SOC)	Working	05	M.Phil. (Env)	✓	--	--
PESCO	DM (ENV)	Vacant	--	--	--	--	--
	AM (ENV)	Working	05	M.Sc. (Env)	✓	--	--
	AM (SOC)	working	07	MS Urban & Regional Planning	✓	--	Post occupied since Feb 2016
HESCO	DM (ENV)	Working	10	M.E (Env)	✓	--	--
	AM (ENV)	Working	02	M.E (Env)	✓	--	--
	AM (SOC)	Working	02	M.A (Eco)	✓	--	--
QESCO	DM (ENV)	Working	21	B.E (Civil)	--	✓	Post M.A/M.Sc. Social Sciences
	AM (ENV)	Working	05	M.Sc. (Env)	✓	--	--
	AM (SOC)	Working	05	M.Sc. (Env) Management)	✓	--	--

## 2.5 Capacity Building

ADB has provided formal training to nine out of nineteen staff members of ESIC. This training includes orientation on ADB's SPS and social and gender issues. Three staff members have received training from ATI Bangkok under World Bank projects. The training, staff's interaction with ADB and consultants and their work experience have helped them in building basic skills. However more intensive formal and on-site training is required in the realms of monitoring and evaluation, LARP revision and implementation. Staff should be provided with skills in conducting socio-economic, census and detailed measurement surveys as well as how to hold public consultation. Specific training courses on Data Collection tools & Techniques, Data Compilation, Gender and Development should also be introduced and made part of the training program. It will be advisable if staff working for resettlement in GSC specially Qanoongo, Patwari and LAO would also be provided with such training. The training will also be beneficial for the technical staff of DISCOs. A comprehensive TNA has been conducted in March 2013 to evaluate the staff's current working knowledge as well as their training requirements. The results (see Annex-VI) show that 89% staff is willing to acquire training. The following steps are proposed to achieve this task.

- The A.M Social of all DISCOs should visit other successful resettlement projects and gain experience and knowledge.
- Comprehensive resettlement management training along with other key trainings on social aspects and workshops should be organized by FMC.

In addition, technical support and on the job trainings should be provided to build the capacity of DISCOs staff for planning and implementation of RPA revised proposal for capacity building training of ESICs and GSC staff has been submitted to PEPCO for approval in June 2016 after required alteration. Keeping in view the smooth working of PMU during training it is proposed that the training may be conducted in concerned DISCO. Training program will be launched as soon the approval received from PEPCO. Logistic Support

**Table 4: Logistic Availability**

Name of DISCO	Transport Availability	
	Independent	On Demand
FESCO	✓	--
GEPCO	✓	--
HESCO	✓	--
IESCO	✓	--
LESCO	✓	--
MEPCO	✓	--
PESCO	--	✓
QESCO	--	✓

## 2.6 Staff Support

The ESIC is led by a Deputy Manager (Environment) under whom one Assistant Manager (Environmental Safeguards) and one Assistant Manager (Social Safeguard) are deputed. ESIC staff is assisted by Surveyors (Qanugo, Patwari and LAO) of PD (G.SC) for collecting resettlement related field surveys. They are not well skilled and have less expertise in carrying out sociological surveys. It is recommended that qualified and experienced field enumerators should be attached with the cell on permanent or on an as-required basis. Furthermore, all the socio economic and socio demographic data should be collected under the supervision of the A.M social.

## 2.7 Transport

ESICs in QESCO and PESCO have lack of independent transport facilities. The ESICs are provided transport on an as needed basis; however, they often have to postpone their scheduled activities due to non-availability of transport. This practice cause delay in several activities regarding revision/updating of LARPs and issues related to compensation. Furthermore, the transport provided to FESCO is not suitable for difficult terrain in their regions and require four-wheel drive vehicles at each of their cells.

## 3 LARP Implementation Status

As set out in Annex-VII, construction has commenced in most of the Tranche-2 sub-projects 2 years ago. Many of the sub projects have been completed and energized successfully. One sub project each in MEPCO, HESCO and IESCO, two sub projects in LESCO are in progress. LARPs for the aforementioned subprojects are still being processed. Tree compensation is being paid. The targeted/expected completion date for all remaining subprojects is September 2016. The compensation status for Tranche 2 for all DISCOs is given in Table 5

**Table 5: Compensation Status of All DISCOs Tranche-2**

DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
LESCO	Central Park G.S & T.L	March, 2009	G.S civil work in progress	Done	Not Provided	TL work is not started so far.
	Doula Chuchak G.S & T.L	March, 2009	Subproject has been completed, successfully	Done	Provided	Compensation for stringing phase is being carried out
MEPCO	Miran Pur G.S & T.L	March, 2009	GS and TL work is completed.	Done	Provided	Compensation is been forwarded to finance department and will be distributed soon.
	Ali pur Conversion of GS	Sep, 2008	GS work is completed. TL civil work in progress	Done	Provided	Stringing phase compensation is being carried out
	Fateh Pur Conversion of GS	Sep, 2008	Subproject has been completed	Done	Provided	Compensation for all three stages has been paid
IESCO	Noor Pur Sethi G.S	May, 2009	Subproject has been completed, successfully	Done	Provided	Compensation for all three stages (Foundation, Erection and stringing) has been paid
	Hattian Bagh T.L.	May, 2009	Subproject has been completed, successfully	Done	Provided	Assessment of damages is done and in process of disbursement
	Mangla L.B Rajar TL	May, 2009	—TL work in progress	Done	Provided	Compensation for erection stage is partially paid and rest in process. Stringing phase compensation is being prepared

DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
FESCO	No LARP Project	--	--	--	--	--
GEPCO	Godh Pur G.S.	Mar, 2009	Foundation and erection work is in progress	Done	Provided	Compensation has been paid partially for completed foundations and erected towers. Assessment of damages is in progress for remaining work..
	New Daska G.S.	Mar, 2009	Subproject has been completed, successfully	Done	Provided	Compensation has paid to G/S Land Owners. transmission line work was not included in ADB's scope of work
	Khiali By-pass GS	Oct, 2008	Civil & electrical work completed	Done	Provided	Compensation of G/S has been paid to Land Owner
	Conversion of Kolu Tarar GS	Mar, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been paid on all three stages but some DPs have not received compensation due to late submission of documents.
	Conversion of Jalalpur New GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been paid on all three stages but some DPs have not received compensation due to late submission of documents.
	Nokhar-Hafizabad 132 kV TL	Feb, 2009	Civil work of TL is in progress	Done	Provided	Compensation is in progress
	In out Hafiz Abad Road GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been completed and transmission line has energised.
	In Out Hafiz Abad II, TL	Oct, 2008	Subproject has been completed successfully	Done	Provided	Compensation has been completed and transmission line has energised.
	Sahowala-Pasroor 132 TL	Feb, 2009	Civil work of TL is in progress	Done	Provided	Compensation is being carried out
In-out for Garhi GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation completed	
PESCO	DI Khan Industrial (Gomal Uni) GS & TL	Revised in Aug, 2012	Civil Works of GS and T.L has been completed.	Done	Provided	Compensations have been provided to DPs

DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
HESCO	Conversion of Sukkur City GS	Sep, 2008	Subproject has been completed successfully	Done	Provided	Compensation for stringing stage has been paid
	Conversion of Larkana Old GS	Sep, 2008	Civil work on T/L completed	Done	Provided	Compensation is paid
	Conversion of Talhar GS	Jul, 2009	Subproject has been completed successfully	Done	Provided	LARP for this subproject is completed. Combined compensation was paid for Erection and Stringing stages.
	Shikarpur Larkana New TL	Jul, 2009	Civil/Electrical Work not initiated yet	Done	Not provided	Civil work not started so far
	Second circuit stringing Sanghar-Kandiyari-Mirpur Khas 132 kV TL	Jul, 2009	Subproject has been completed successfully	Done	-do-	Assessment of damages has been done and compensation details forwarded to finance department of compensation
	Construction of Larkana-Mehar-Dadu 132kV DC/TL	Jul, 2009	Work on TL is in progress	Not done	-do-	Foundation work is in progress. Compensation is paid for completed foundations
	New Jacobabad GS & TL	June 2013	Civil work on T/L completed	Done	Provided	Compensation is paid
QESCO	No LARP Project	--	--	--	--	--

### 3.1 Eligibility and Entitlement for Compensation

Eligibility and entitlements for compensation include: (i) DPs eligible for compensation provisions under the Investment Program, (ii) Compensation listed under the Entitlement Matrix, (iii) Valuation & replacement cost of assets, and (iv) In-kind compensation. These are very well described in all LARPs.

Eligibility and Entitlements are described in accordance with ADB's SPS in the LARPs. The updated LARPs include changes in the eligibility and entitlements. The eligibility and entitlements are primarily for landowners and sharecroppers for crops and trees and other affected assets. Census and DMS would be the sources for any change in the eligibility and entitlements.

### 3.2 Compensation for Crops, Trees and other Assets

Replacement costs used in valuing DPs assets intend to replace losses at market value or the nearest equivalent. It is the amount of cash or in-kind needed to replace an asset in its existing condition without deductions for transaction costs or any material salvaged.

The source for estimation of replacement costs were provided in all the revised LARPs. All DISCOs have the latest rates of compensation based on 2012-2013-14 compensation rates.



DISCOs operate in large territorial area as summarized below:

- LESCO = 5 Districts
- GEPCO = 6 Districts
- FESCO = 8 Districts
- IESCO = 8 Districts
- MEPCO = 9 Districts
- PESCO = KPK Province
- HESCO = Sindh Province except K – Electric
- QESCO = Baluchistan Province

Over such large territory the replacement rates cannot be same. Hence, there is a need to re-estimate replacement costs separately for sub-project (Fateh Pur G.S and transmission line) of MEPCO and one sub-project of HESCO. Other DISCOs have at least 2012 and latest replacement rates of 2013-14 according to their districts boards of revenue. These rates are appropriate as the construction work was started in 2012-13 on most of subprojects.

To establish the DPs and compensation, ESIC staff used (i) resettlement field surveys (RFS) design, indicating the layouts of sites and (ii) drawings showing line profiles of transmission lines and spotting of bases for towers. Actual on site demarcation of corridors of impact (COI) are being carried out now. However, field demarcation, which should be done before collecting Census, DMS, or Socio-Economic Profile data / information, was not performed.

### 3.3 Compensation Status

Funds are available in all DISCOs for compensation. As at the end of June 2016 IESCO, GEPCO, HESCO, MEPCO and LESCO are paying compensation to DP's. All DISCOs are compensating the DP's in three stages i.e. (i) Foundation stage, (ii) Erection Stage and (iii) Stringing stage as per LARPs to ensure continued access to the affected properties. HESCO and IESCO are facing some problems in paying compensation as their finance departments are delaying payments. PESCO has completed compensation for all three stages.. For Tranche-3 sub-projects, compensation payments are being paid in FESCO, HESCO, IESCO and MEPCO. Assessment of damages is in progress at QESCO. The summary of compensation provided by DISCOs for Tranche-2 is shown in Table-6. The brief description of compensation for each sub-project of Tranche-2 is attached in Annex-VII.

**Table 6: Compensation Status of All DISCOs Tranche-2**

Name of DISCO	Total No. of DPs	Total No. of DHHs	Compensated DHHs As of 31-12-2015	Compensated DHHs As of 30-06-2016
FESCO	There are no DPs. as for project fall in category 'C'			
QESCO	There are no DPs. as for project fall in category 'C'			
GEPCO	5504	741	689	713
HESCO	4116	397	209	219
IESCO	7769	795	754	768
LESCO	1459	179	40	96
MEPCO	1389	148	129	147
PESCO	64	7	7	7
TOTAL	20301	2267	1828	1950.

ADB's SPS 2009, states that the compensation payment for crops, trees and other assets should be made prior to the commencement of civil works. DISCOs are now preparing inventories of crops, trees and other assets being affected due to civil works on transmission lines. DISCOs consider that compensation payment before commencement of civil works would give way to DPs to create issues. ADB's SPS clearly directs that payment should be made prior to start of civil works.

Affected Persons should be involved in census and detailed measurement surveys to build consensus on the losses/damages. Thereafter, agreements should be signed by the DISCOs and the DPs to finalize mutually agreeable compensation. The FMC sent a format to each DISCO asking them for providing plans for compensation on a monthly basis. The assessment of damages is being done in consent with affected persons and compensation is made as per Government rates for assets for the relevant fiscal year. The summary of plans provided by the DISCOs is attached as Annex-VII.

### **3.4 LARP Disclosure**

A participation mechanism facilitates the consultative process and includes information sharing with DPs and other stakeholders. According to ADB's SPS, The DISCOs' project management should share all aspects of the project namely: conception, planning and design, alternative options, implementation, etc. with the stakeholders.

LARPs of Tranche-2 and 3 were prepared in the year 2008-10 and November 2012 respectively. At that time both English and Urdu versions of LARPs were posted on the ADB and DISCO's websites. These were placed in the local offices and contractors' site offices as well. No copy of LARP was available at any site of subproject for Tranche-2 in any DISCO. Urdu versions of LARPs for respective sites are available in FESCO and HESCO for Tranche-3. No LARP was observed at any subproject site or camp office of the contractor at MEPCO, IESCO and QESCO. Physical work has yet to start at PESCO so LARP was not available.

### **3.5 Participation**

Consultation with stakeholders at the different stages of the subproject is required by ADB's SPS and set out in the LARF. All DISCO held participatory Resettlement Field Surveys (RFS), held semi-structured discussions aiming at community awareness and provided consultations regarding the project's likely impacts with the small groups of men and women along proposed transmission lines. However, these discussions and meetings were held without prior notices.

### **3.6 Monitoring Of Socio-Economic Surveys and Profiles**

Information collection methods/surveys (ISA, Census and DMS) are well described in the revised LARPs (Annex-IX). The socio-economic profiles include: (i) field methodology, (ii) general information on DHHs, (iii) social groups, (iv) indigenous people, (v) size of DHs, (vi) gender composition, (viii) income by livelihood sector and (viii) literacy, (ix) vulnerability/poverty, (x) impact on women and (xi) social amenities.

These are well described in revised LARPs of various sub-projects. Hence comments for all DISCOs are similar and are shown in the table below

**Table 7: Monitoring of Socio-Economic Profile Indicators**

Aspects	Status			Remarks
	Proper	Weak	Wrong	
Field Methodology	✓	--	--	Instead of census use 25% sample
General Information on DHs	✓	--	--	--
Social Group	✓	--	--	--
Indigenous People	✓	--	--	--
Data of DHs				
i) Size of DHs	--	✓	--	Does the size agree with that reported in Population Census Reports which for most districts is of the range of 6.5 to 8 persons against 9 to 14 persons reported in various LARPs?
ii) Age & Gender	✓	--	--	
iii) Housing	✓	--	--	Report No. of DPs by different dwellings.
Livelihood Sector	✓	--	--	--
Literacy	--	✓	--	Include children
Vulnerability / Poverty	--	--	✓	Pakistan's 2005-6 Official Poverty Line of Rs. 849/- per DPs per month. It is used for LARPs prepared during 2009 & 2010. Should have been computed for the cut off dates (2008, 2009 or 2010) and now 2013, whichever is the case. Moreover it varies according to size of DHs of a locality so should be worked out separately for each sub-project of each DISCO.
Impact on Women	--	--	--	Not included
Social Amenities	--	--	--	Not included

### 3.7 Grievance Redress Mechanisms

Grievance Redress Committees (GRCs) and Grievance Resolution Processes (GRPs) are well developed in all DISCOs. Complainants prefer to consult court rather putting their issues to GRC. All DISCOs have constituted GRC for complaint resolution. Only QESCO has constituted the GRC as per LARF. Notification for constitution of GRC is attached as Annex-X. Most of DISCOs have not included community representatives who must be part of GRC for efficient working. Details of GRC is shown in the table below

**Table 8: Details of Grievance Redress Committee (GRC)**

DISCO	GRC Constitution date	Remarks
FESCO	13 – 07 - 2016	No Tehsildar
GEPCO	08 – 04 – 2013	Representative from affected persons must be included. No Tehsildar
HESCO	03 – 08 – 2015	No Tehsildar
IESCO	11 – 07 – 2009	No Tehsildar
LESCO	22 – 06 – 2016	Representative from affected persons must be included. No Tehsildar
MEPCO	25 – 07 – 2009	Representative from affected persons must be included. No Tehsildar
PESCO	25 – 10 – 2011	Representative from affected persons must be included. No Tehsildar
QESCO	09 – 03 – 2015	

### 3.8 Resettlement Budget

The budgets for various revised LARPs are prepared in a very systematic manner in all DISCOs. These have been revised for most of LARPs except at LESCO.

### 3.9 Implementation Schedules of LARPs

Various DISCOs have reported implementation schedules according to revised LARPs in April 2013. In most of sub-projects the civil work has commenced (Annex-VII).

### 3.10 Internal Monitoring

There is a compliant Environment and Social Internal monitoring system in all the DISCOs to fulfill both ADB policies and regulatory requirements. The DISCOs face some problems in submitting the reports due to unavailability of staff.

**Table 9: Internal Monitoring of DISCOs**

DISCO	No. of IMR submitted as of 30-06-2016	Interval	Date
FESCO	8	Bi-annual	Dec 2015 & June 2016
GEPCO	8	Bi-annual	Dec 2015 & June 2016
HESCO	8	Bi-annual	Dec 2015 & June 2016
IESCO	8	Bi-annual	Dec 2015 & June 2016
LESCO	8	Bi-annual	Dec 2015 & June

DISCO	No. of IMR submitted as of 30-06-2016	Interval	Date
			2016
MEPCO	8	Bi-annual	Dec 2015 & June 2016
PESCO	8	Bi-annual	Dec 2015 & June 2016
QESCO	8	Bi-annual	Dec 2015 & June 2016

### 3.11 Willing Buyer Willing Seller

A New substation at Bahara Kahu has been proposed and approved by IESCO for Tranche-3. For this purpose, IESCO had to acquire land at a suitable location. The Siting and Layout Board of IESCO headed by Chief Engineer (Dev), PMU carried out survey of the area. The board visited 3 sites and after technical analysis, the site situated in Bahria Town was chosen. IESCO officials held number of meetings with land owner, M/S Bahria Town. Bahria Town after negotiation has agreed on purchase price Rs. 0.6 Million per kanal instead of desired Rs. 0.9 Million per kanal and to sell this piece of land comprising 32 kanals for Rs. 19.2 million. The FMC Social and Environment Safeguard team held a meeting with M/S Bahria Town for price validation. The representative of Bahria Town stated that Bahria Town has sold the land with consent and the price was satisfactory. Bahria Town is the sole owner of the land and the adjacent land belongs to Seller as well. The minutes of meeting in which both parties agreed upon the terms and price is attached herewith. (Annex – XI) The FMC concludes the landowner was a willing seller and IESCO was a willing buyer.

## 4 CONCLUSION

After evaluation and during field visits of all the DISCOs, the following observations are made by Facility Management Consultants:

- LARPs of Tranche 3 are being revised at IESCO and MEPCO. Other DISCOs will update LARPs after approval of line profiles.
- DISCO's GSC staff do not share updates regarding the commencement of work at sub projects with ESIC staff. This lack of coordination results in the delay in the preparation and disbursement of compensation.
- Generally, most contractors have hired sub contractors for civil work in subprojects but no representative of contractors were present during the site visits.
- Shortage of staff in ESICs at FESCO is non-compliant with ADB's SPS.
- Finance Departments at DISCOs delay the preparation of compensation which creates mistrust in the affected communities .
- Communities have concerns over the amounts paid in all DISCOs.
- Independent vehicle facilities must be provided to ESICs for smooth functioning and timely monitoring of sub projects in QESCO and PESCO.
- ESIC staff must meet the qualifications as per their job description.
- PD (GSC) support staff (Qanoongo, Patwari and LAO) are not well trained to carry out different types of sociological surveys which are essential to fulfil the LARP conditions.
- Except at PESCO, the Social Internal Monitoring & Evaluation is being carried out properly.

### 4.1 Corrective Action Plan (CAP)

FMC proposes following Corrective Action Plan for making improvements in the progress of LARP implementation:

- Compensation must be paid to those, who failed to submit documents of ownership on time, for several subprojects in GEPCO as per the requirements of the Social Safeguard Policy of ADB. GRCs must play an active role to resolve the complaints registered in all DISCOs.
- DISCO GSC staff should be asked to regularly update ESICs of the concerned DISCO to avoid the delay in compensation payments.
- DISCOs should take appropriate measures to accelerate complaint resolution.
- Grievance Redress Committees (GRC) must be an active participator in complaint resolution. GRCs should meet once a month to sort out any outstanding issue.
- GRCs should be reconstituted with representation from affected community where needed.
- Independent means of transport should be made available at PESCO and QESCO.
- Support Staff (Qanongo, Patwari, Surveyers) should be hired in all DISCOs for smooth and effective functioning of ESICs.
- Compensation processes are slow and the finance department of concerned DISCOs must accelerate their payment processes.
- All vacant posts in Environment and Social Impact Cells (ESICs) must be filled, especially in FESCO. E&SICs must have the staff with relevant qualification;



Provision of meaningful training to the Environmental and Social Impact Cells (ESICs) and other support staff is recommended to improve the skills & capacity regarding implementation of social safeguards staff (Training proposal has been submitted to PEPCO for approval)

### ANNEX-I: QUESTIONNAIRE

Name of DISCO \_\_\_\_\_ Tranche \_\_\_\_\_

Date of Monitoring Visit \_\_\_\_\_

Details of E &amp; SS Cell

Designation	Name	Experience	Suitability	Remarks
Deputy Manager				
Asst. Manager Social				
Asst. Manager Environment				

#### A. SUB-PROJECT DETAILS

Name of Sub-project \_\_\_\_\_

Nature of Sub-project      New                      Augmentation/Extension      Conversion

Either the project is Turn- Key      Yes                      No

Total length of Transmission Line \_\_\_\_\_ KMs      Total Number of Towers      \_\_\_\_\_

Name of Contractor \_\_\_\_\_

Contract Awarded (Date) \_\_\_\_\_      Work Commenced (Date) \_\_\_\_\_

Name of Sub Contractor (If Any) \_\_\_\_\_

#### B. PROGRESS OF PHYSICAL WORK

Scope of Work under Contract      Grid Station                      Transmission Line                      Both

Current Status of Work \_\_\_\_\_

Completed Foundations (Towers) \_\_\_\_\_      Erected Towers      \_\_\_\_\_

Stringing Done (Nos. of Towers) \_\_\_\_\_

Contractor hired local labor      Yes                                      No

Child Labor is being hired      Yes                                      No

Labor is satisfied with contractor      Yes                                      No

If No, Reasons \_\_\_\_\_

#### C. LARP/REVISED LARP STATUS

Original LARP submitted to ADB \_\_\_\_\_      Cutoff Date      \_\_\_\_\_

Revised LARP submitted to ADB \_\_\_\_\_      Cutoff Date      \_\_\_\_\_

ADB approved Revised LARP      Yes      No      Date of Approval      \_\_\_\_\_





LARP hosted on DISCO's website    Yes        No        Date of Hosting    \_\_\_\_\_  
 LARP placed for public at PMU    Yes        No        At project Site    Yes        No

**D. COMPENSATION STATUS**

Fund available for Compensation    Yes        No        If No, why        \_\_\_\_\_  
 Assessment of damages for compensation is based on price lists for Fiscal Year    \_\_\_\_\_  
 Mode of Compensation                    Cross Cheque        Cash                    Others \_\_\_\_\_

Total No. of DPs	Total No. of DHHs	Compensated DPs/DHHs	Remaining DPs/DHHs	Compensation Stage			Remarks
				Foundation	Erection	Stringing	

What actions have been taken by E&SS to initiate the compensation?

\_\_\_\_\_

\_\_\_\_\_

What are the reasons if compensation not initiated yet?

\_\_\_\_\_

\_\_\_\_\_

**E. INTERNAL MONITORING AND EVALUATION**

Internal Monitoring conducted        Monthly                    Quarterly                    Bi Annually  
 Reports submitted to date (Nos.)    \_\_\_\_\_                    Date of last visit        \_\_\_\_\_  
 No of FGDs, Public Consultation Meetings held since June 2013    \_\_\_\_\_  
 Any Constraints to perform this activity    \_\_\_\_\_

**F. GRIVANCE REDRESS MECHANISAM**

Complaint Register placed at PMU    Yes        No        Date of Placement    \_\_\_\_\_  
 Complaint Register placed at Site    Yes        No        Date of Placement    \_\_\_\_\_  
 Key Complaints registered by DPs    \_\_\_\_\_  
 \_\_\_\_\_  
 Actions taken by GRC                    \_\_\_\_\_  
 \_\_\_\_\_



Reasons for No Complaints \_\_\_\_\_  
\_\_\_\_\_

**G. PUBLIC AWARENESS**

Are the DPs/DHHs well aware about the project? (Yes/No)

If no, then what procedures have been adopted for the awareness?

\_\_\_\_\_

Either hand bills/broachers regarding public awareness have been distributed in affected communities?

\_\_\_\_\_

**H. RECOMMENDATION AND SUGGESTION BY DISCO's E&SS STAFF**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Sociologist**

**ANNEX-II: DISCO WISE LIST OF SUB PROJECTS – TRANCHE – 2**

Sr. No	Name of DISCO	Name of Sub Project	Preparation of Revised LARPs (Date)
1	LESCO	Central Park GS	Approved by ADB
		Doula Chuchak G.S	-do-
2	MEPCO	Miran Pur G.S	April, 2013
		Ali pur Conversion of GS	-do-
		Fateh Pur Conversion of GS	-do-
3	IESCO	Noor Pur Sethi G.S and associated transmission line	April, 2013
		Hattian-Bagh transmission line.	-do-
		Mangla L.B - Rajjar transmission lines	-do-
4	FESCO	No LARP Project	N/A
5	GEPCO	Godh Pur G.S.	April, 2013
		New Daska G.S.	-do-
		Khiali By-pass GS	-do-
		Conversion of Kolu Tarar GS	-do-
		Conversion of Jalalpur Nau-GS	-do-
		Nokhar-Hafizabad 132 kV transmission lines	-do-
		In-out Hafiz Abad II-GS	-do-
		Sahowala-Pasroor 132 transmission lines	-do-
		In-out for Garhi GS	-do-
		Gujranwala Therisansi	-do-
6	PESCO	DI Khan Industrial (Gomal University) GS & transmission lines	April, 2012
7	HESCO	Conversion of Sukkur City GS	April, 2013
		Conversion of Larkana Old GS	May, 2013
		Conversion of Talhar GS	April, 2013
		Shikarpur Larkana New transmission lines	May, 2013
		Second circuit stringing Sanghar-Kandiyari-Mirpur Khas 132 kV transmission lines	April, 2013
		Construction of Larkana-Mehar-Dadu 132kV DC/transmission lines	Revised in October 2014
		New Jacobabad GS & transmission lines	June 2013
8	QESCO	No LARP Project	N/A

**ANNEX-III: DISCO WISE LIST OF SUB PROJECTS – TRANCHE – 3**

Sr. No	Name of DISCO	Name of Sub Project	Preparation of Revised LARPs (Date)
1	LESCO	No LARP Project	N/A
2	MEPCO	Mubarak Pur 132KV GS and DC Transmission Line	Civil work of GS and TL in progress
		Hasilpur-Chunnawala 132KV Single Circuit T/L	-do-
		Chistian-Daharanwala 132KV Single Circuit T/L	Civil work of TL started. LARP revision is not initiated so far
		Haroonabad-Faqirwali 132KV Single Circuit T/L	-do-
		Faqirwala-Fort abbas 132KV Single Circuit T/L	-do-
		Shahdan Lund-Shah Sadar din 132KV Single Circuit T/L	LARP revised in August 2015 and sent to ADB for approval
		Mianchanu-Chak 83 132KV Single Circuit T/L	Civil work of TL started. LARP revision is not initiated so far
3	IESCO	Sangjani-Zero point (New DC) 132 KV T/L	Revised LARP submitted to ADB on 24-4-16
		Feed for Chakri Road GS for Adyala	LARP revision in progress
		132KV New Sangjani GS & T/L	Revised LARP submitted to ADB on 28-12-15
		132KV KTM(I-16)-Chakri Road T/L	December 2015
		Replacement of Burhan-New Wah Cantt 1 & 2, 132KV T/L	Revised LARP submitted to ADB on 24-4-16
		132KV New Rawat-Sowan T/L with new Line on Same route	-do-
		In & Out construction at Chakri Sub Station (Additional SC) T/L	December 2015
4	FESCO	Construction of D.C 132 KV T/L form 220 KV Grid Station Toba Tek Singh to Haveli Bahadur Shah (District Jhang)	Civil work of TL started. LARP revision is not initiated so far
		Construction of D/C 132 KV T/L form 132 KV Piplan T/L to 66 KV Grid Station Rakh Dagrán (District Bhakkar)	-do-
		Construction of 30 Km D/C 132 KV T/L form 132 KV Grid Station HB Shah to 66 KV Grid Station 18-Hazari (District Jhang)	-do-
		Construction of D.C 132 KV T/L form Jinah Hydropower-220KV Dadu Khel In & Out Kalabagh Grid Satation (District Mianwali)	-do-
		Construction of 45 Km long 132 KV T/L form 66 KV Grid Station 18 Hazari to 66 KV Grid Station Garh Mahraja (District Jhang)	Civil work of TL started. LARP revision is not initiated so far
5	GEPCO	Conversion of Malakwal GS and associated D.C Transmission Line	LARP Implementation is not included in ADB's scope of work
		Conversion of Head Marala GS and associated D.C 132KV TL	-do-

Sr. No	Name of DISCO	Name of Sub Project	Preparation of Revised LARPs (Date)
		Conversion of siranwali GS and associated 132KV D.C Transmission Line	-do-
		Conversion of Daska GS and associated D.C 132KV TL	-do-
6	PESCO	Up gradation of 66KV Kulachi to 132KV GS	Civil work is not started so far
		Up gradation of 66KV Darban to 132KV GS	-do-
7	HESCO	Construction of DC 132KV TL Tando Muhammad Khan-New Matli	Civil work is not started so far
		Construction of New Matli GS and DC 132KV TL from New Matli to Tando Ghulam Ali	-do-
		Construction of DC 132KV TL Tando Ghulam Ali-Digri (District Mirpur Khas)	Civil work of TL started. LARP revision is not initiated so far
		Construction of DC 132KV TL Digri-Tando Jan Muhammad	Civil work of TL is not started so far
		Construction of DC 132KV TL Tando Jan Muhammad-Naukot (District Mirpur Khas)	-do-
		Construction of DC 132KV TL Hala Road GS-Hala town	-do-
8	QESCO	Construction of DC 132KV T/L Khuzdar to Quetta	Civil work is not started so far
		Construction of DC 132KV T/L Loralai to Quetta	Civil work of TL started. LARP revision is not initiated so far

**ANNEX-IV: DISCO WISE LIST OF SUB PROJECTS – TRANCHE – 4**

Sr. No	Name of DISCO	Name of Sub Project	Preparation of Revised LARPs (Date)
1	FESCO	Conversion of Ahmad Pur Sial GS and associated TL	LARPs for these subprojects has been prepared and sent to ADB for further approval
2	MEPCO	Conversion of Choti GS and associated TL	
		New Walana GS with associated TL	
		New Buch Villas GS and associated TL	
		New Punjab Housing Society GS and Associated TL	
		New Jhugi Shah GS and associated TL	LARP will be prepared after final approval from MEPCO BoD

**ANNEX-V: OVER-RUN PERIODS FOR CUT-OFF DATES – TRANCHE – 2**

Sr. No	DISCO	Name of Sub Station	Cut Off Dates	Remarks
1	LESCO	Central Park GS	Mar, 2009	The over-run period is 3-7 years for various sub projects (except GEPCO, IESCO and PESCO). Over such a long period the statistics regarding main indicator/parameters involved cannot hold true. So the information collected through various important surveys especially DMS and Socio-economic need to be revised.
		Doula Chuchak G.S	Mar, 2009	
2	MEPCO	Miran Pur G.S	1st Mar 2009	
		Ali pur Conversion of GS	20 Sep 2008	
		Fateh Pur Conversion of GS	30 Aug 2008	
3	IESCO	Noor Pur Sethi G.S and associated transmission line	22 Nov 2012	
		Hattian Bagh transmission line.	15 Nov 2012	
		Mangla L.B Rajar transmission lines	28 Nov 2012	
4	FESCO	No LARP Project	N/A	
5	GEPCO	Godh Pur G.S.	April, 2013	
		New Daska G.S.	N/A	
		Khiali By-pass GS	April, 2013	
		Conversion of Kolu Tarar GS	April, 2013	
		Conversion of Jalalpur Nau-GS	April, 2013	
		Nokhar-Hafizabad 132 kV transmission lines	April, 2013	
		In-out Hafiz Abad II-GS	April, 2013	
		Sahowala-Pasroor 132 transmission lines	April, 2013	
		In-out for Garhi GS	April, 2013	
Gujranwala Therisansi	Feb 2009			
6	HESCO	Conversion of New GS & transmission lines Sukkur City	Sep, 2008	
		Conversion of New GS & transmission lines Larkana Old	Sep, 2008	
		Conversion of New GS & transmission lines Talhar	Feb 2013	
		Second circuit stringing Sanghar-Kandiyari-Mirpur Khas 132 kV transmission lines	Dec, 2008	
		Shikarpur-Larkana 132 kV New T/L	Dec, 2008	
		New Jacobabad GS & T/L	June, 2013	
7	PESCO	DI Khan Industrial (Gomal-University) GS & T/L	Feb 2012	
8	QESCO	No LARP Project	N/A	

**ANNEX-VI: CAPACITY BUILDING INVOLUNTARY RESETTLEMENT (IR) SAFGUARDS**

Sr. No.	Training Title	Current Knowledge (%)					Training Require (%)
		Excellent	Good	Average	Poor	None	Yes
1	Awareness about ADB SPS Policies	2	17	25	21	36	89
2	Legal Frame work regarding Resettlement in Pakistan	0	13	25	28	34	92
3	Sub Project Data Compilation	0	21	30	17	32	87
4	ISA (Initial screening Assessment)	2	17	32	21	28	89
5	Census Survey	4	6	47	17	26	89
6	DMS (Detail Measurement Survey)	2	6	38	23	32	91
7	Socio-Economic Survey	4	9	36	19	32	89
8	Resettlement cost and Budgeting	0	11	34	23	30	96
9	Institutional Arrangements	4	15	36	19	26	85
10	LARP Revision/Updating	2	9	32	25	32	91
11	Compensation Plan Formulation	2	19	40	13	26	91
12	Grievance Redress Mechanism	2	23	36	9	30	79
13	Internal & External Monitoring	4	19	38	13	26	87
14	Monitoring & Evaluation	4	17	34	15	30	87
15	Gender Action Plan	0	6	42	11	42	91
16	Social Poverty Analysis	0	6	38	15	42	94
17	LARF (Land Acquisition and Resettlement Framework)	0	6	38	19	38	89
Average		1.9	12.9	35.4	18.1	31.9	89.2



**ANNEX-VII: LARP IMPLEMENTATION STATUS OF –TRANCHE – 2, SUB PROJECTS**

Sr. No	DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
1	LESCD	Central Park G.S & T.L	March, 2009	G.S civil work in progress	Done	Not Provided	TL work is not started so far.
		Doula Chuchak G.S & T.L	March, 2009	Subproject has been completed, successfully	Done	Provided	Compensation for stringing phase is being carried out
2	MEPCD	Miran Pur G.S & T.L	March, 2009	GS and TL work is completed.	Done	Provided	Compensation is been forwarded to finance department and will be distributed soon.
		Conversion of Ali pur GS	Sep, 2008	GS work is completed. TL civil work in progress	Done	Provided	Stringing phase compensation is being carried out
		Fateh Pur Conversion of GS	Sep, 2008	Subproject has been completed	Done	Provided	Compensation for all three stages has been paid
3	IESCO	Noor Pur Sethi G.S	May, 2009	Subproject has been completed, successfully	Done	Provided	Compensation for all three stages (Foundation, Erection and stringing) has been paid
		Hattian Bagh T.L.	May, 2009	Subproject has been completed, successfully	Done	Provided	Assessment of damages is done and in process of disbursement
		Mangla L.B Rajar TL	May, 2009	TL work in progress	Done	Provided	Compensation for erection stage is partially paid and rest in process. Stringing phase compensation is being prepared
4	FESCO	No LARP Project	–	–	–	–	–
5	GEPCO	Godh Pur G.S.	Mar, 2009	Foundation and erection work is in progress	Done	Provided	Compensation has been paid partially for completed foundations and erected towers. Assessment of damages is in progress for remaining work..

Sr. No	DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
		New Daska G.S.	Mar, 2009	Subproject has been completed, successfully	Done	Provided	Compensation has paid to G/S Land Owners. transmission line work was not included in ADB's scope of work
		Khiali By-pass GS	Oct, 2008	Civil & electrical work completed	Done	Provided	Compensation of G/S has been paid to Land Owner
		Conversion of Kolu Tarar GS	Mar, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been paid on all three stages but some DPs have not received compensation due to late submission of documents.
		Conversion of Jalalpur New GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been paid on all three stages but some DPs have not received compensation due to late submission of documents.
		Nokhar-Hafizabad 132 kV TL	Feb, 2009Feb, 2009	Civil work of TL is in progress	Done	Provided	Compensation is in progress
		In out Hafiz Abad Road GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation has been completed and transmission line has energised.
		In Out Hafiz Abad II, TL	Oct, 2008	Subproject has been completed successfully	Done	Provided	Compensation has been completed and transmission line has energised.
		Sahowala-Pasroor 132 TL	Feb, 2009	Civil work of TL is in progress	Done	Provided	Compensation is being carried out
		In-out for Garhi GS	Feb, 2009	Subproject has been completed successfully	Done	Provided	Compensation completed
6	PESCO	DI Khan Industrial (Gomal Uni) GS & TL	Revised in Aug, 2012	Civil Works of GS and T.L has been completed.	Done	Provided	Compensations have been provided to DPs
7	HESCO	Conversion of Sukkur City GS	Sep, 2008	Subproject has been completed successfully	Done	Provided	Compensation for stringing stage has been paid
		Conversion of Larkana Old GS	Sep, 2008	Civil work on T/L completed	Done	Provided	Compensation is paid

Sr. No	DISCO	Name of Sub Station	LARP Survey Period	Implementation Status	LARP Revision	Compensation Status	Remarks
		Conversion of Talhar GS	Jul, 2009	Subproject has been completed successfully	Done	Provided	LARP for this subproject is completed. Combined compensation was paid for Erection and Stringing stages.
		Shikarpur Larkana New TL	Jul, 2009	Civil/Electrical Work not initiated yet	Done	Not provided	Civil work not started so far
		Second circuit stringing Sanghar-Kandiyari-Mirpur Khas 132 kV TL	Jul, 2009	Subproject has been completed successfully	Done	-do-	Assessment of damages has been done and compensation details forwarded to finance department of compensation
		Construction of Larkana-Mehar-Dadu 132kV DC/TL	Jul, 2009	Work on TL is in progress	Not done	-do-	Foundation work is in progress. Compensation is paid for completed foundations
		New Jacobabad GS & TL	June 2013	Civil work on T/L completed	Done	Provided	Compensation is paid
8	QESCO	No LARP Project	-	-	-	-	-

**ANNEX-VIII: COMPENSATION STATUS OF THE DHHS OF ALL DISCOs SUBPROJECTS TRANCHE - 2**

DISCO Name	Sr. No.	Sub Project No.	Sub Project Name	Revised LARP Submission	Whether Compensation is In Process? (Yes/No)	No of DHHS as per Revised LARP	Compensated DHH's	Remarks
FESCO	In Tranche-2 only Augmentation is carried out. No LARP exists. As for sub-projects fall in category 'c'							
GEPCO	1	G-1	Conversion of Kolu-Tarar GS from 66KV to 132 KV and 132KV Hafizabad -II Kolu-Tarar T/L	3/5/2013	Completed	26	26	Subproject has completed and transmission line energized
	2	G-2	Conversion of Jalalpur-Nau GS from 66KV to 132 KV and 132KV Kolu Tarar-Jalalpur Nau	3/5/2013	Completed	52	52	-do-
	3	G-8	Construction of Godh pur 132 KV GS and Shahowala-Godhpur 132 KV T/L	3/5/2013	Yes	54	53	RoW Issues resolved. Compensation is being paid
	4	G-9	Construction of New Daska 132 KV GS	3/5/2013	Completed	3	3	Compensation of G/S Land has been paid to DHHs. T/L work not included in ADB's scope of work.
	5	G-10	Construction of Khiali-Bypass 132 KV Grid Station	3/5/2013	Completed	3	3	Compensation of G/S Land has been paid to DHHs.
	6	G-12	132 KV Nokhar-Hafizabad-II T/L (Alternate Feed for Hafizabad-II GS)	3/5/2013	Yes	128	120	Compensation process on going
	7	G-13	In & Out for Garhi GS from the proposed Nokhar-Therisansi T/L (Feed for Garhi)	3/5/2013	Yes	110	106	Compensation process on going
	8	G-14	In & Out for Hafizabad-II GS from the existing Nokhar Hafizabad T/L (C.C.T No.1)	3/5/2013	Yes	62	62	transmission line has been energized, May-14
	9	G-15	132KV Sahuwala-Pasrur Transmission Line	3/5/2013	Yes	157	70	Compensation is

DISCO Name	Sr. No.	Sub Project No.	Sub Project Name	Revised LARP Submission	Whether Compensation is in Process? (Yes/No)	No of DHHs as per Revised LARP	Compensated DHH's	Remarks
								being paid. Foundation and Erection in progress
	10	G-16	In & Out of existing 132KV Hafizabad Rd. Gujranwala Therisansi T/L at 132 KV Switchyard of 500KV Nokhar	3/5/2013	Yes	112	102	Compensation process on going
HESCO	1	H-1	Conversion of 66KV Sukkur GS into 132KV along with Transmission Line	30/04/2013	Completed	8	8	Compensation for all three stages has been paid
	2	H-2	Conversion of 66KV Larkana GS into 132KV along with Transmission Line	13/05/2013	Completed	2	2	Compensation has been paid
	3	H-3	Conversion of 66KV Talhar GS into 132KV along with Transmission Line	25/04/2013	Completed	5	5	Compensation has been paid
	4	H-5	New Jacobabad GS along with transmission lines	15 July 2013	Completed	5	5	Compensation has been paid
	5	H-6	Second circuit Stringing of Sanghar-Kandiari-Mirpur Khas 132KV T/L	28/04/2013	No	116	0	Work will be carried out by SEPCO under the supervision of HESCO
	6	H-7	Second circuit Stringing of Shikarpur-Larkana 132KV T/L	30/05/2013	No	214	0	Stringing of 22 Km TL is completed
	7	H-8	Construction of Larkana-Mehar-Dadu 132KV DC T/L (New)		Yes	Assessment of Damages in progress	0	Civil work of foundations is in progress

DISCO Name	Sr. No.	Sub Project No.	Sub Project Name	Revised LARP Submission	Whether Compensation is in Process? (Yes/No)	No of DHHs as per Revised LARP	Compensated DHH's	Remarks
IESCO	1	I-10	132KV Choa Saidu Shah-Noor Pur Sethi T/L	29/04/2013	Completed	512	512	Sub project has been completed and compensation is paid for all three stages.
	2	I-11	132KV Bagh Hattian T/L	31/05/2013	Yes	167	148	Compensation for foundation and erection stage has been paid. Stringing stage compensation is being carried out
	3	I-12	132KV Mangla LB-Rajjar T/L	20/06/2013	Yes	200	179	Compensation for Erection and stringing stage is being carried out.
LESCO	1	L-15	Central Park, 132 kV Grid Station (GS) & Transmission Line T/L	LARP has been approved by ADB	No	46	0	Transmission line work is not started so far
	2	L-17	Doula Chuchak, 132 kV G.S & T/L	-do-	Yes	133	92	Compensation has been paid for foundation stage. Erection stage compensation is in process
MEPCO	1	M-15	Conversion at Ali Pur with T/L	20/04/2013	Yes	62	26	Compensation is being paid



DISCO Name	Sr. No.	Sub Project No.	Sub Project Name	Revised LARP Submission	Whether Compensation is in Process? (Yes/No)	No of DHHs as per Revised LARP	Compensated DHH's	Remarks
	2	M-16	Conversion at Fateh pur with T/L	20/04/2013	Done	15	15	Grid and TL work is completed. Compensation is paid for all three stages
	3	M1-8	Miran Pur(Galay Wala) with T/L (New)	20/04/2013	Yes	71	0	Compensation is being carried out
PESCO	1	P-23	New 132KV D.I.Khan (Gomal University) GS and DC Transmission Line	13/04/2012	Yes	7	7	Compensation has been paid
QESCO	In Tranche-2 Extension and Capacitor Installation are carried out. No LARP exists. As for sub-projects fall in category 'c'							

**ANNEX-IX: MONITORING OF INFORMATION COLLECTION METHODS/ SURVEYS**

Sr. No	DISCO	Name of Sub Station	Initial Screening		DPs Census		DMS		DPs Socio Economic Profile		Remarks
			Satisfactory	Unsatisfactory	Done	Not Done	Satisfactory	Unsatisfactory	Full	Partial	
1	LESCO	Central Park GS	√	--	√	--	√	--	--	√	Since important socio-economic indicators like literacy, sex ratio, poverty and social amenities avoidable are not discussed. In correct data for OPC, The OPL figure is reported as Rs. 849/= per person per month for year 2011-2012 which actually is for the year 2005-06.
		Doula Chuchak G.S	√	--	√	--	√	--	--	√	
2	MEPCO	Mira Pur G.S	√	--	√	--	√	--	√	--	
		Ali pur Conversion of GS	√	--	√	--	√	--	√	--	
		Fateh Pur Conversion of GS	--	√	--	√	--	√	--	√	
3	IESCO	Noor Pur Sethi G.S and associated transmission line	√	--	√	--	√	--	√	--	
		Hattian Bagh transmission line.	√	--	√	--	√	--	√	--	
		Mangla L.B Rajar transmission lines	√	--	√	--	√	--	√	--	
4	FESCO	No LARP Project	--	--	--	--	--	--	--	--	
5	GEPCO	Godh Pur G.S.	√	--	√	--	√	--	√	--	
		New Daska G.S.	--	--	--	--	--	--	--	--	
		Khiali By-pass GS	--	--	--	--	--	--	--	--	
		Conversion of Kolu Tarar GS	√	--	√	--	√	--	√	--	
		Conversion of Jalalpur Nau-GS	√	--	√	--	√	--	√	--	



Sr. No	DISCO	Name of Sub Station	Initial Screening		DPs Census		DMS		DPs Socio Economic Profile		Remarks	
			Satisfactory	Unsatisfactory	Done	Not Done	Satisfactory	Unsatisfactory	Full	Partial		
		Nokhar-Hafizabad 132 kV transmission lines	√	--	√	--	√	--	√	--		
		In-out Hafiz Abad II-GS	√	--	√	--	√	--	√	--		
		Sahuwala-Pasroor 132 transmission lines	√	--	√	--	√	--	√	--		
		In-out for Garhi GS	√	--	√	--	√	--	√	--		
		Gujranwala Therisansi	√	--	√	--	√	--	√	--		
6	PESCO	DI Khan Industrial (Gomal Uni) GS & transmission lines	√	--	√	--	√	--	√	--		
7	HESCO	Conversion of New GS & transmission lines Sukkur City	√	--	√	--	√	--	√	--		
		Conversion of New GS & transmission lines Larkana Old	√	--	√	--	√	--	√	--		
		Conversion of New GS & transmission lines Talhar	√	--	√	--	√	--	√	--		
		Second circuit stringing Sanghar-Kandiyari-Mirpur Khas 132 kV transmission lines	√	--	√	--	--	√	--	--	√	
		Shikarpur-Larkana 132 kV	√	--	√	--	--	√	--	--	√	

Sr. No	DISCO	Name of Sub Station	Initial Screening		DPs Census		DMS		DPs Socio Economic Profile		Remarks
			Satisfactory	Unsatisfactory	Done	Not Done	Satisfactory	Unsatisfactory	Full	Partial	
		New transmission lines									
		New Jacobabad GS and transmission lines	√	--	√	--	√	--	√	--	
		Construction of Larkana-Mehar-Dadu 132kV DC/transmission lines	√	--	√	--	√	--	--	√	
8	QESCO	No LARP Project	--	--	--	--	--	--	--	--	

## ANNEX-X: PHOTOGRAPHIC PROFILE

### Faisalabad Electric Supply Company (FESCO)

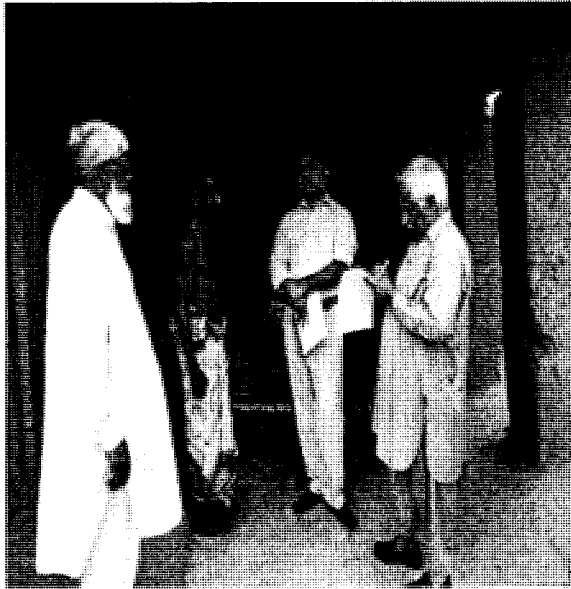


Figure-1: Consultation with affectee of Toba Tek Singh 220 – Haveli Bahadur Shah TL



Figure-2: Site visit of Team Leader FMC at GIS grid station Faisalabad



Figure-3: Consultation with labor at grid station Shahbaz Khel in Mialwali



Figure-4: Compensation cheques are being distributed in 18 Hazari – Garh Maha Raja TL

## Gujranwala Electric Supply Company (GEPCO)



Figure-1: Consultation with a affected person at Nokhar Hafizabad TL



Figure-2: Control House Building civil work in progress at Malakwal Grid Station

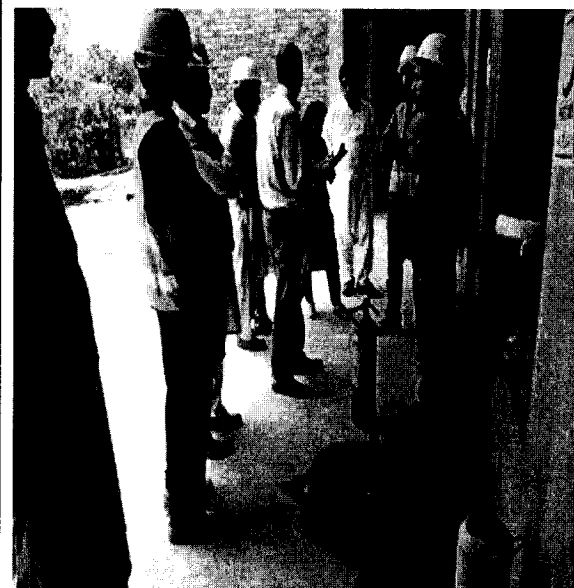


Figure-3 Labor is being trained regarding use of fire extinguisher at Sirranwali Grid Station



Figure-4: Tower material is being shifted for erection of tower at Nokhar Hafizabad TL ).

## Hyderabad Electric Supply Company (HESCO)

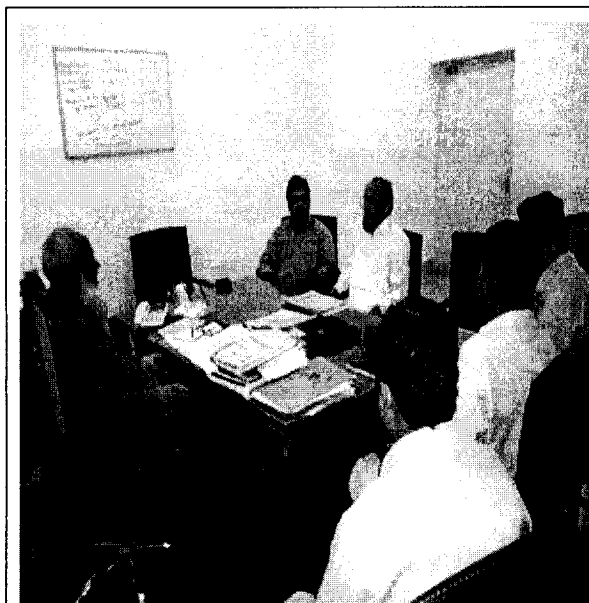


Figure-1: Meeting with Chief Engineer (Development) regarding Tranche 3 work progress at PMU HESCO



Figure-2: Safety sign placed during erection of tower at Tando Ghulam Ali – Matti TL .



Figure-3: Labor is preparing for concreting tower foundation at Dadu – Mehar – Larkana TL

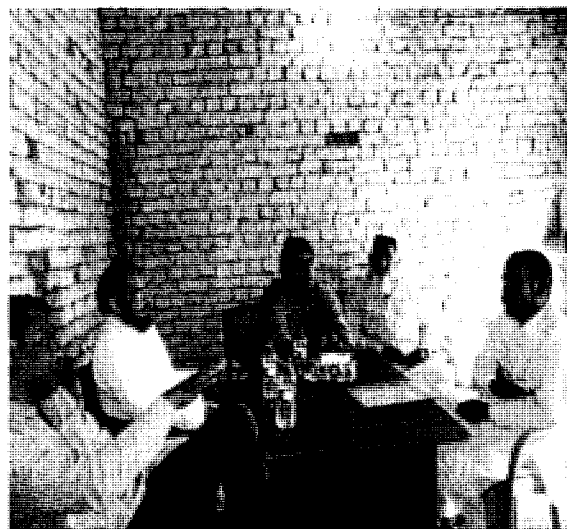


Figure-4: Consultation is being done with a affected person at Digri grid station

## Islamabad Electric Supply Company (IESCO)

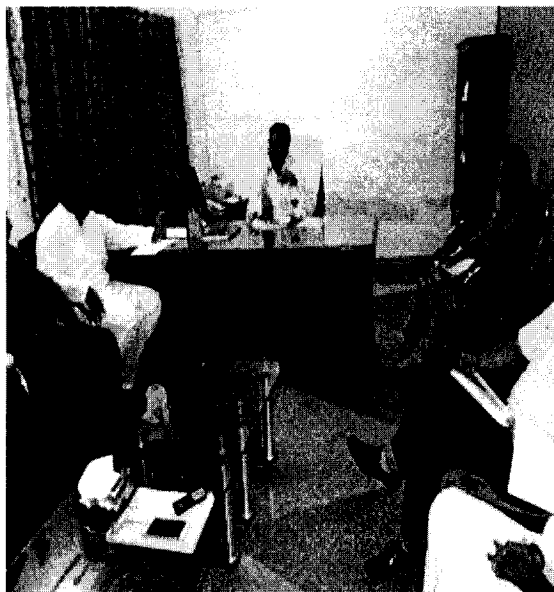


Figure-1: Meeting with ICC, contractor of transmission lines at contractor's office .

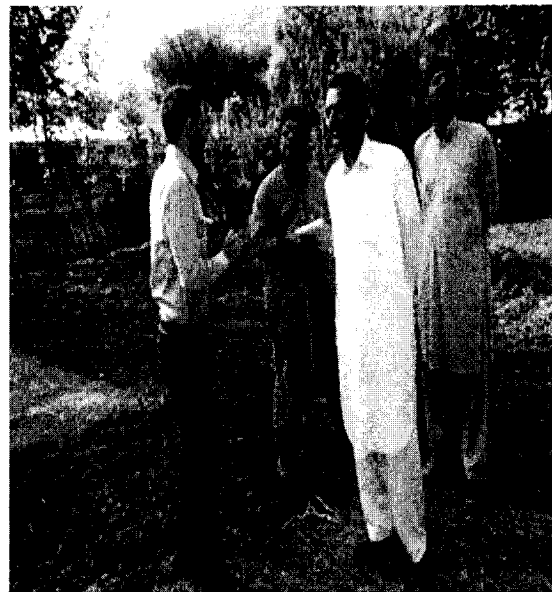


Figure-2: Meeting with DP regarding the payment of compensation at Bagh – Hattian TL



Figure-1: Female affected person is being consulted regarding compensation payments at Bagh – Hattian TL .



Figure-1: Meeting with DP during site visit of Rawat - Sowar TL .

## Lahore Electric Supply Company (LESCO)

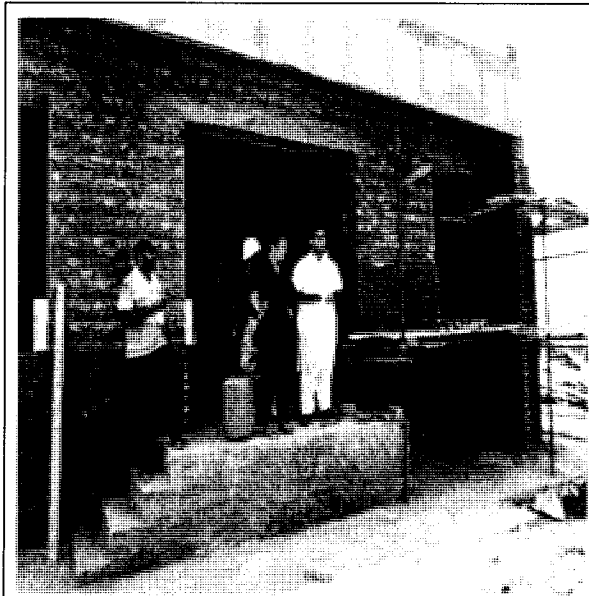


Figure-1: Civil work of Control House Building in progress at Central Park GS

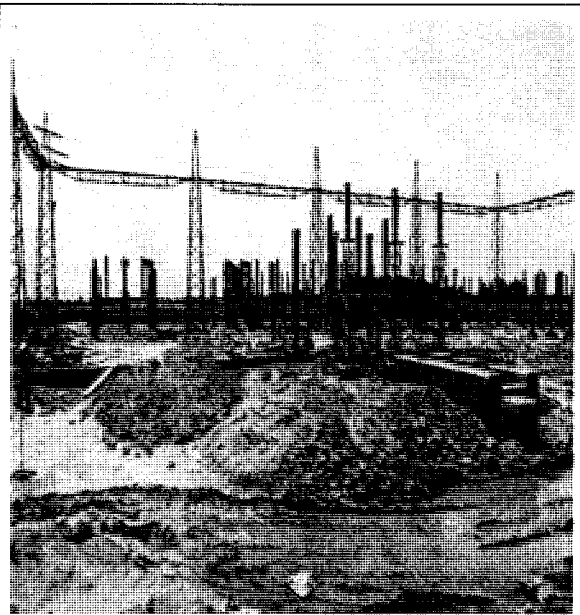


Figure-2: Civil work of switch yard in progress at Press Club GS

## Multan Electric Power Company (MEPCO)



Figure-1: Civil work of control house building in progress at Chonawala GS



Figure-2: Contractor is briefing about the construction of tower foundation at Alipur Grid Station



Figure-3: De-watering is in progress during construction of foundation of tower at Haroonabad – Faqeerwali TL

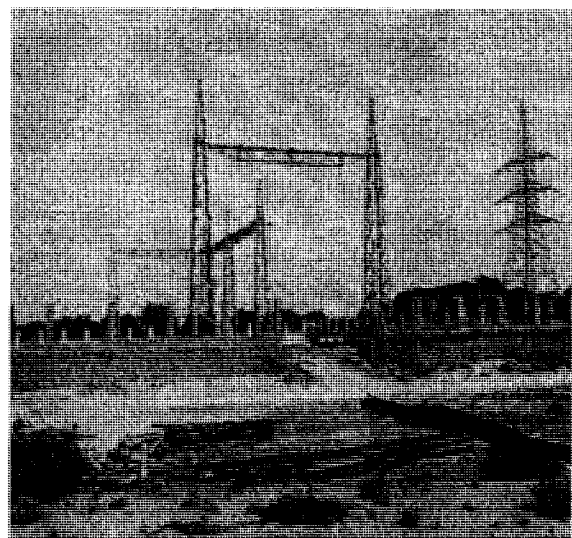


Figure-4: Erection of towers and civil work of switchyard is in progress at Mubarakpur GS



## Peshawar Electric Supply Company (PESCO)



Figure-1: First Aid box is being inspected at Taru Jabba Grid Station site



Figure-2: Consultation with labor for any complaints regarding drinking water etc at Taru Jabba GS

## Quetta Electric Supply Company (QESCO)



Figure-1: Meeting with contractor and HSE Officer regarding safety measures at Loralai – Quetta TL



Figure-2: Foundation is being concreted near Pishin at Loralai – Quetta TL

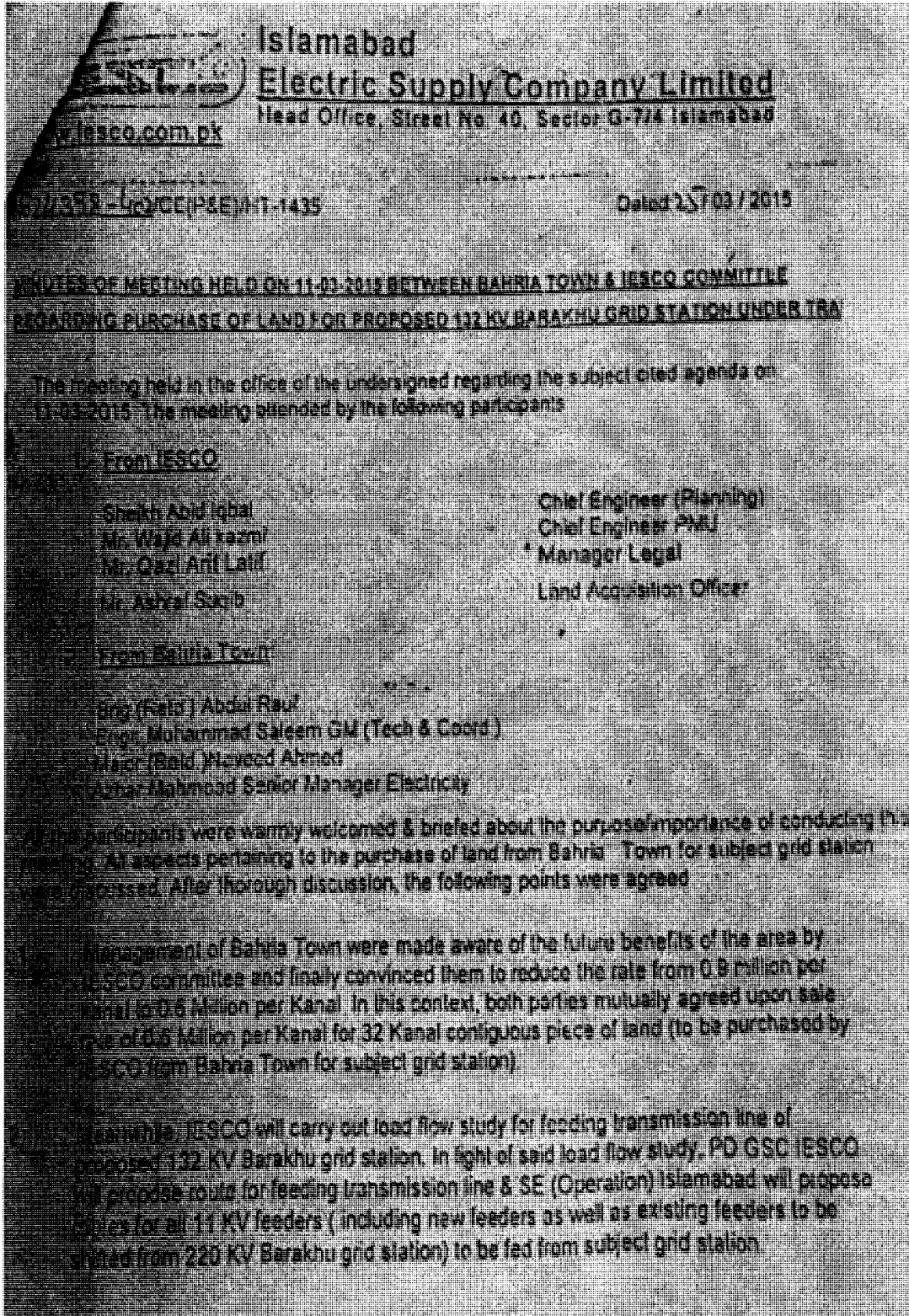


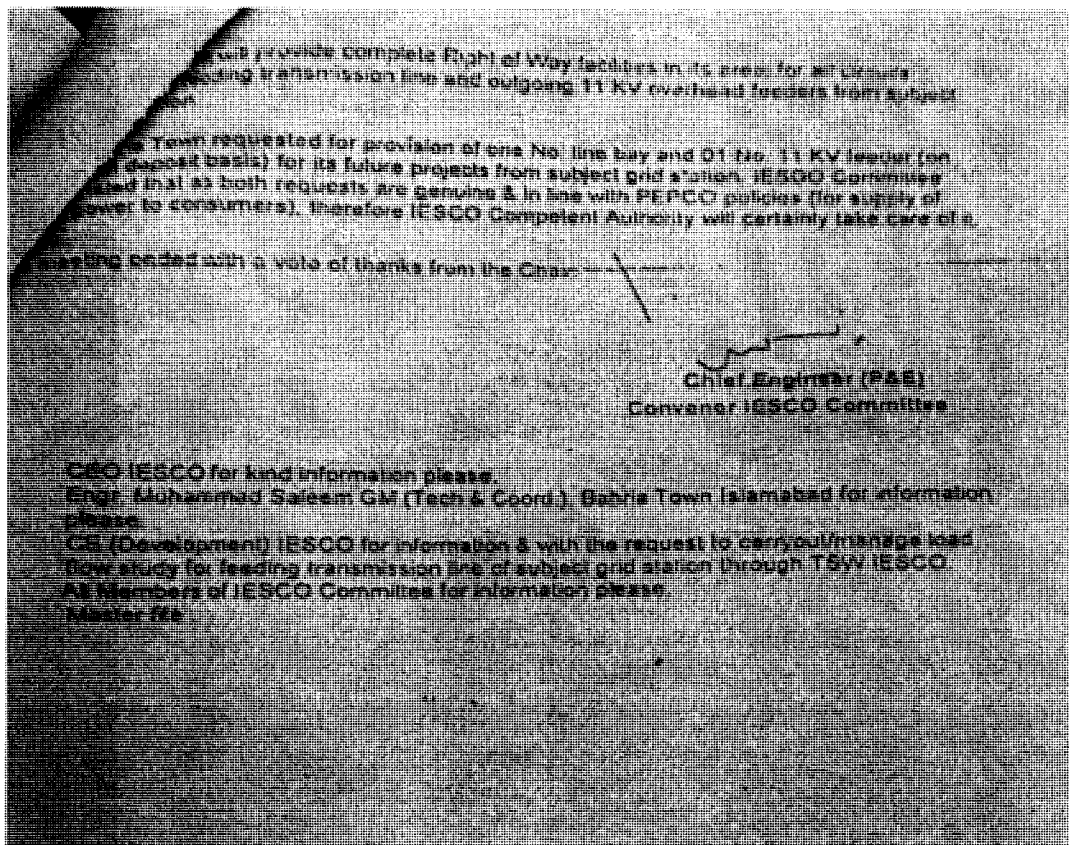
Figure-3: First Aid box at construction site at Loralai – Quetta TL



Figure-4: Foundation are completed for line bay at Pishin GS

**ANNEX-XI: Minutes of Meeting regarding Land purchase for Bahara Kahu GS**





**ANNEX-XII: EXTERNAL ENVIRONMENTAL & SOCIAL MONITORING VISIT SCHEDULE**

Date	Days	DISCO	Itinerary	Sub-Projects/Visits	Team Members
25/04/2016 To 30/04/2016	Monday To Saturday	HESCO	Lahore-Khi-Hyd-Dadu-Digri-Khi-Lhr *Travel Days (25/04/2016 and 30/04/2016)	<b>Tranche-2:</b> Mehar-Dadu-Larkana TL <b>Tranche-3:</b> Tando Ghulam Ali-Digri TL Digri-Tando Jan Muhammad TL	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Mr. Sharful Amin</b> (Project Engineer)
02/05/2016 To 06/05/2016	Monday To Friday	QESCO	Lahore – Quetta – Lahore *Travel Days (02/05/2016 and 06/05/2016)	<b>Tranche-2:</b> Overview of all completed Subprojects <b>Tranche-3:</b> Meeting with DISCO's E&S Cell and Contractors of Tranche-3 subprojects	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Mr. Nazir Mengal</b> (Project Engineer)
09/05/2016 To 13/05/2016	Monday To Friday	FESCO	Lahore-Faisalabad-Lahore	<b>Tranche-2:</b> Overview of all completed Subprojects <b>Tranche-3:</b> Kala Bagh GS & TL, Rakh Dagan GS & TL, 18 Hazari-GM Raja TL, Toba Tek Singh-Haveli Bahadur Shah TL	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Ms. Baneen Zafar</b> (Environmentalist) <b>Mr. Saad Waqas</b> (Project Engineer)
16/05/2016 To 20/05/2016	Monday To Friday	GEPCO	Lahore-Gujranwala-Lahore	<b>Tranche-2:</b> All on-going Subprojects <b>Tranche-3:</b> Siranwali, Head Marala, Daska Old, Malikwal GS	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Ms. Baneen Zafar</b> (Environmentalist)
22/05/2016 To 28/05/2016	Sunday To Saturday	MEPCO	Lahore-Multan-Lahore	<b>Tranche-2:</b> Miran Pur, Ali Pur <b>Tranche-3:</b> Chak 83/12-L, Shah Sadar Din, Chunawala, Mubarakpur, Fortabbas Faqirwali, Dahranwala	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Ms. Baneen Zafar</b> (Environmentalist)
30/05/2016 To 04/06/2016 And 08/06/2016 To 10/06/2016	Monday To Saturday	IESCO	Lahore-Islamabad-Mangla-AJK-Islamabad-Peshawar *Travel Day (30/06/2016)	<b>Tranche-2:</b> Mangla-Rajjar TL, Bagh-Hattian TL <b>Tranche-3:</b> Bahara Kahu GS, Sangjani GS, 05 Transmission Lines	<b>Mr. Muazzam Mukhtar</b> (Sociologist) <b>Ms. Baneen Zafar</b> (Environmentalist) <b>Mr. Iqbal Ali Shah</b> (Project Engineer)

Date	Days	DISCO	Itinerary	Sub-Projects/Visits	Team Members
05/06/2016 To 08/06/2016	Sunday To Wednesday	PESCO	Islamabad-Peshawar-Lahore *Travel Days (05/06/2016 and 08/06/2016)	<p><b>Tranche-2:</b> Overview of all completed Subprojects</p> <p><b>Tranche-3:</b> Sakhi Chashma, Taro Jabba. Meeting with DISCO's E&amp;S Cell and Contractors of awarded subprojects</p>	<p><b>Mr. Muazzam Mukhtar</b> (Sociologist)</p> <p><b>Ms. Baneen Zafar</b> (Environmentalist)</p> <p><b>Mr. Iqbal Ali Shah</b> (Project Engineer)</p>
27/06/2016	Monday	LESCO	Lahore City and nearby Sub-Projects	<p><b>Tranche-2:</b> Doula-Chuchak GS &amp;TL, Jubilee Town, DHA Rahbar, Central Park</p> <p><b>Tranche-3:</b> Meeting with DISCO's E&amp;S Cell and Contractors of awarded subprojects</p>	<p><b>Mr. Muazzam Mukhtar</b> (Sociologist)</p> <p><b>Ms. Baneen Zafar</b> (Environmentalist)</p> <p><b>Mr. Saad Waqas</b> (Project Engineer)</p>
<p><b>Note:</b></p> <ul style="list-style-type: none"> <li>✚ Concerned Chief Engineers Development/General Managers are requested to inform the officers of Environment and Social Cells to be available according to the Schedule for subprojects site visits and to provide required information/records.</li> <li>✚ Selected project sites will be visited and inspected for EMP and LARP implementation according to ADB Policy's requirement.</li> <li>✚ The Contractor's Environmental and Social staff and records regarding EMP and LARP implementation may also be required.</li> <li>✚ An Occupational Health and Safety inspection survey will also be done by SMEC's Project Engineers in consultation with DISCOs.</li> <li>✚ Moreover, the site visits will also cover a general overview regarding the preparedness for the implementation of EMPs/LARPs at Initial/Pre-Construction Stages of Tranche-III.</li> </ul>					