

CHAPTER 1

PRELIMINARIES

1.1 AIMS AND OBJECTIVES OF CONSUMER SERVICE MANUAL

The Consumer Service Manual lays down the instructions in pursuance of Section 21 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 read with Rule 9 of the NEPRA Licensing (Distribution) Rules, 1999 which shall be administered by a distribution licensee to ensure safe, effective and reliable supply of electric power.

1.2 SCOPE OF CONSUMER SERVICE MANUAL

The Consumer Service Manual is applicable to all consumers served by the distribution licensee **(MEPCO)** including the Bulk Power Consumers (where applicable) and includes without limitation the following matters, namely:

- (a) Form and manner of application be the consumer for obtaining electric service connection, along with details of any documents to be submitted in support of the application.
- (b) Time frame for providing service connection to the consumer.
- (c) Procedure and manner for installation of meters and other facilities for connection.
- (d) The procedure and manner for billing, the time limit of payment of bills and procedure for collection of bills.
- (e) Fees and charges for connection, installation of meters, other facilities for connection and reconnection.
- (f) Procedure for issuing disconnection notice to consumer for non-payment of bills and the procedure thereof for disconnection of electric supply in case of non payment and reconnection after payment of outstanding dues.
- (g) Collection of arrears upon or following reconnection.
- (h) Procedure for disconnection and the charges and penalties for illegal abstraction / theft of electric power or for use of electric power for purposes other than those specified in the application for reconnection and service.
- (i) Requirement of safety and security.
- (j) Efficient use of electric power including with reference to characteristics of supply or usage such as time of day, week or season.
- (k) Procedure and the time frame for handling and redressal of different types of consumer complaints.

The Consumer Service Manual shall also act as the code of conduct of a distribution licensee and to be used in conjunction with the provisions of Distribution Code, Performance Standards (Distribution) Rules, 2005 (Annexure-I), Eligibility Criteria Regulation, 2003 (Annexure-II), Rules and regulations when and where applicable.

1.3 INTERFACES WITH CONSUMER FORUMS

(MEPCO) shall make efforts to have interface with the Consumer Forums / Councils and Associations, Efforts shall be made to improve MEPCO Consumer relationship and the consumer's awareness about utility's programs / activities / services. Consumer Services Centers and One-Window Operations shall be established for the convenience of the consumers operating around the clock.

1.4 DEFINITIONS

(MEPCO) operating in pursuance of the distribution license granted by NEPRA is allowed to charge only such tariff as approved by NEPRA. Such tariff provides for the terms and conditions of tariff applicable to different categories of consumers also determined by NEPRA. The definitions of the following terms are accordingly as per the determinations of NEPRA as amended from time to time. A copy of the current applicable Tariff Terms and Conditions as approved by NEPRA is annexed with this manual, as Annexure-III.

1. **Agricultural Supply:** As defined in the Tariff Terms and Conditions;
2. **Billing Demand:** As defined in the Tariff Terms and Conditions
3. **Billing Period:** As defined in the Tariff Terms and Conditions
4. **Energy Charges:** As defined in the Tariff Terms and Conditions
5. **Fixed Charges:** As defined in the Tariff Terms and Conditions
6. **General Supply:** As defined in the Tariff Terms and Conditions
7. **Maximum Demand:** As defined in the Tariff Terms and Conditions
8. **Industrial Supply:** As defined in the Tariff Terms and Conditions
9. **Maximum Demand Indicator (MDI):** As defined in the Tariff Terms and Conditions
10. **Month:** As defined in the Tariff Terms and Conditions
11. **Power Factor:** As defined in the Tariff Terms and Conditions
12. **Temporary Supply:** As defined in the Tariff Terms and Conditions

OTHER DEFINITIONS

13. **Applicable Documents:** means the rules and regulations issued in pursuance of the Act by the Authority, from time to time, relating to the generation, distribution and transmission license, the grid code, the distribution codes, Consumer Service Manual and any documents, instruments, approvals or authorizations issued or granted by the Authority in exercise of its power under the Act.
14. **Applicant:** means any person who applies to a distribution licensee for provision of electric power service or modification thereof.
15. **Application:** A request to the authorized office of the MEPCO for an electric service connection on the prescribed form. (Form annexed as Annexure-IV);
16. **Bulk Power Consumer (BPC):** means a consumer who purchases or services electric power, at one premises, in an amount of one megawatt or more or in such other amount and voltage level and with such other characteristics as the Authority may determine and the Authority may determine different amounts and voltage levels and with such other characteristics for different areas;
17. **Common Distribution System (CDS):** means the distribution system as defined in the Eligibility Criteria Regulations, 2003;
18. **Conductor:** means a wire, cable or other form having suitable capacity for carrying electric current and used for movement or delivery of electricity;
19. **Connecting Point:** means the point where the dedicated distribution system of the applicant is connected with the existing common distribution system;
20. **Consumer:** means a person or his successor-in-interest who purchases or receives electric power for consumption and not for delivery or re-sale to

- others, including a person who owns or occupies a premises where electric power is supplied;
21. **Consumer's Mailing Address:** means the address specified in the consumer's Application and Power Supply Contract form for the purpose;
 22. **Consumer Sub Station:** means a sub station furnished, installed, owned and maintained by the consumer;
 23. **Consumption:** means the amount of electricity used and measured over a given period of time;
 24. **Declared Voltage:** means the voltage required to be supplied at the consumers terminals with permissible variations according to Performance Standards (Distribution) Rules, 2005.
 25. **Dedicated Distribution System (DDS):** means that part of the distribution system required to supply power for the sole consumption of an applicant and not for supplying power to any other consumer and shall comprise of the distribution system from the connecting point up to the interconnection point of the applicant including the metering and service wire and such other connection arrangement;
 26. **Distribution Sub Station:** means a sub station furnished, installed, owned and maintained by the MEPCO (Licensee);
 27. **Distribution Lines:** mean overhead lines and / or underground facilities consisting of conduct and cable which are operated at nominal distribution voltages;
 28. **Distribution Facilities:** means electrical facilities operating at distribution voltage and used for movement or delivery of electric power;
 29. **DISCO:** means a utility / entity engaged in the business of distribution of electric power as licensed by NEPRA;
 30. **Drop-Out Fuse:** means a current interrupting device, the mechanism of which is so designed that on melting of a fuse link the fuse carrier drops out to exhibit an open gap in the primary circuit;
 31. **Earthing or Grounding:** means electrical connection to general mass of earth in such a manner as to ensure, at all times, an immediate discharge of energy;
 32. **Consumer Eligibility Criteria:** means criterion for a non discriminatory provision of distribution service and sale of electric power to all the consumers within the service territory of a distribution company ***prescribed by NEPRA vide SRO. 743(I)/2003 dated July 26, 2003, as amended from time to time.***
 33. **Energy Meter:** means a device that registers the quantity of electrical energy over a period of time;
 34. **Horsepower (HP):** means a practical unit of power representing the ability to do work by some kinds of electrical equipments. One HP is equivalent to 746 watts of electrical power;
 35. **Interconnection Point:** means the point where the metering installation and protection apparatus of the consumer is connected to the dedicated distribution system;
 36. **Interruption:** means loss of electric power to one or more consumers;
 37. **Load Factor:** means the ratio of average load over a designated period to the peak load in that period;
 38. **Nominal Voltage:** means a suitable approximate value of voltage used to designate or identify a system;
 39. **Overloading:** means a condition under which part of the system is subject to a electric power / current in excess of the normal design rating of that part of system and not due directly to system fault current;

40. **NTDC:** means National Transmission and Dispatch Company as licenses by NEPRA.
41. **Power Factor:** means the ratio of kVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
42. **Premises:** means the building / site / location where Electric Power is required / consumed;
43. **Primary Service Connection:** means any connection which is provided at 11-KV or above;
44. **Public Lighting Supply:** means a supply given to a Government Department / Agency or a Housing Society charged with public lighting, for the purpose of illuminating public lamps within the area of its jurisdiction;
45. **Reliability:** means the degree of performance of the elements of the electric power system that results in electricity being delivered to consumers within specified standards
46. **Rural Area:** means the area falling within the jurisdiction of all rural local bodies including without limitation Union Councils, Tehsil Councils and Zila Councils;
47. **Sanctioned Load:** means the load in kilowatts sanctioned by the MEPCO.
48. **Service Drop:** means the cable of appropriate current carrying capacity to connect the CDS / DDS to the Premises at the inter connection point. The maximum length of this cable shall be such that the voltage at the inter connection point does not fall below the specified limits;
49. **Secondary Service Connection:** means a connection which is provided at 400 volts or below;
50. **Service Wires or Connection:** means the group of cables / conductors, whether overhead or underground, necessary to connect the service entrance conductors of the consumer to the MEPCO's supply line, regardless of the location of the MEPCO's meters or Transformers;
51. **Sponsored Dedicated Distribution System:** means where a Common Distribution System (CDS) doesn't exist and is required to be developed for provision of service on behalf of expected applicants by any person / agency other than the applicants (s) such person / agency shall be called the Developer / Sponsor (D/S) and such a system for the purpose of ECR, 2003 will be referred as the "Sponsored Dedicated Distribution System (SDDS)".
52. **Tariff Schedules:** means the rates, charges, terms and conditions for generation of electric power, transmission, distribution services and sales of electric power to consumers by MEPCO as approved by NEPRA and notified by the Government of Pakistan;
53. **Underground Distribution System:** means an electric distribution system with all wires installed underground except those wires within surface-mounted equipment enclosures;
54. **Urban Area:** means the area falling within the jurisdiction of all urban local bodies or development authorities including without limitation Town Committees, Municipal Committees, Municipal Corporations, Metropolitan Corporations and Cantonment Boards;
55. **Voltage:** means difference of potential or "electric pressure" in an electrical circuit measured in volts;
56. **Voltage Drop:** means the reduction in the voltage between two reference points;
57. **Voltage Fluctuation:** means a series of voltages changes or a cyclic variation of voltage;

58. **ACRONYMS ABBREVIATIONS**

A&PSC – Application and Power Supply Contract
AMO or SDO – Assistant Manager Operations or Sub Divisional Officer
CE – Chief Engineer
CEO – Chief Executive Officer
CP Form – Commercial Procedure Form
DCC – DISCO Computer Center
DCM – Deputy Commercial Manager
DCO – Disconnection Order
DG (COM) – Director General, Commercial
DISCO – Distribution Company
DM or XEN – Divisional Manager or Executive Engineer (Division)
DN – Demand Notice
ERO - Equipment Removal Order
GM (CS) – General Manager, Customer Services
GM(R&CO) – General Manager Recovery
kWh – Kilo Watt Hour
LP – Late Payment
LS-I – Line Superintendent, Grade-i
LS-II – Line Superintendent, Grade-II
M (Com) – Manager Commercial
MCO – Meter Change Order
MDI – Maximum Demand Indicator
MO or SE – Manager Operations or Superintending Engineer (Circle)
MS-I – Meter Supervisor, Grade-I
MS-II – Meter Supervisor, Grade-II
MSB – Meter Security Box
NEPRA – National Electric Power Regulatory Authority
PEPCO – Pakistan Electric power Company
RCO – Reconnection Order
RO – Revenue Officer / AM(CS)
SCO – Service Connection Order
SR – Store Requisition
TD – Technical Director

CHAPTER 2

NEW CONNECTION/EXTENSION AND REDUCTION OF LOAD / CHANGE OF NAME

2.1 GENERAL INFORMATION

Information desired from MEPCO relative to subject matters covered by this Manual may be obtained by personal call, by telephone, or by mail and is also available on the web page of **MEPCO**.

The local office of the area (sub division) is the main contact office where a separate window is available in addition to the consumer service centers established by **MEPCO**, to provide all necessary information required regarding application for new connections and all other matters relating to consumer services and provision of electric power services.

2.2 APPLICATION FOR SERVICE CONNECTION

- (a) **Application and Power Supply Contract (A&PSC)** Forms in English and Urdu are available free of charge in each sub-divisional/ divisional/circle office of **MEPCO** and on the **MEPCO**'s webpage (as annexure-IV).
- (b) An applicant shall be required to fill in the forms and attach the required supporting documents as detailed therein.
- (c) Any assistance or information required in filling the application form shall be provided to the applicant by the **MEPCO**'s staff in the office where form is to be submitted.
- (d) Application for new connection can be submitted at **MEPCO** concerned office in person or by registered mail. A receipt as acknowledgement of the forms shall be issued by the **MEPCO** office.

2.3 DOCUMENTS TO BE ATTACHED WITH THE APPLICATION

Documents to be attached with the Application and Power Supply Contract are as follows:

- (a) Ownership proof of the premises where connection is required as determined by the **MEPCO**.
- (b) An affidavit from the owner of the premises to the effect that no connection existed previously at the premises for which connection is applied for and that he shall pay the **MEPCO** any outstanding dues in respect of any previous connection which existed at the premises in question, if noticed later on.

- (c) “No Objection Certificate” from the landlord (if the applicant is a tenant along with landlord’s proof of ownership and affidavit mentioned above).
- (d) Attested copies of CNIC of the applicant and two witnesses.
- (e) The power of attorney (in case of a Company), in favor of the applicant to the effect that the applicant is authorized to sign the application and execute agreement on behalf of the Company.
- (f) If the connection is applied in the name of a company, duly incorporated under the law, then following additional documents shall be attached:-
 - i) Certificate of incorporation;
 - ii) Resolution of Board of Directors authorizing a person to sign and execute the application and agreement form;
 - iii) Charge creation certificate issued by the Securities and Exchange Commission of Pakistan equivalent to the amount of security;
 - iv) List of directors with complete addresses and copies of their computerized national identity cards.
- (g) Available site plan of Industry/premises where connection is required.
- (h) In case of change of name/extension or reduction of load, a certificate from the Revenue Office, **MEPCO** to the effect that no arrears are outstanding against the premises along with proof of owner ship/NOC. Wiring test report would be required in case of extension/reduction of load.

2.4 DESIGN, COST ESTIMATE AND DEMAND NOTICE

- (a) After the receipt of Application Form along with the required documents the **MEPCO’s** Office shall issue an acknowledgement receipt and a serial number to the applicant for further reference / processing etc. Based on the site inspection, the application will be evaluated / processed and approved as per the provisions of Consumer Eligibility Criteria, Grid Code and Distribution Code (where applicable). A demand notice of cost estimate and security amount shall subsequently be issued by the **MEPCO** office for payment by the applicant.
- (b) Demand Notices for Service Connection cost technical criteria given at Annexure____ and Security Deposit shall be sent under registered post or courier to ensure their delivery to the applicant may receive it personally, for that receipt may be obtained from applicant for record.
 - i) For payment, branches of designated banks authorized to receive the Demand Notice charges etc. shall be intimated to the applicant. The

bank shall receive payment as per demand notice and issue an acknowledgement receipts etc.

- ii) Subsequent to the deposit of payment mentioned in the demand notices the applicant shall execute the power supply contract with the **MEPCO** in triplicate.
- iii) **MEPCO** shall determine new final priority number of connection to each application after the demand notices have been paid and wiring test report submitted subject to the exemption granted under the policy of **MEPCO**.

2.5 APPROVAL OF APPLICANT'S INSTALLATION

Before any electrical wiring or energy consuming apparatus is connected to the **MEPCO** distribution system, the same shall be subject to inspection and testing by the **MEPCO** and no connection shall be made to the **MEPCO** system without the prior Inspection/satisfaction of **MEPCO**.

2.6 CATEGORIES OF APPLICANTS

Categories of applicants are indicated at Annexure V.

2.7 TIME FRAME FOR A NEW CONNECTION

Time schedule for all categories of new connections is indicated at Annexure VI.

Chapter 3

RELOCATION OF SERVICE CONNECTION AND TEMPORARY CONNECTION

3.1 Relocation of Service Connection

(a) Due to Public Works

If, for public improvement such as street widening, grading, excavating sidewalk spaces, or for other reasons beyond the **MEPCO's** control, the **MEPCO** has to move distribution facilities from the existing position or new facility is to be provided for improvement of the system, the shifting/relocation/addition of the facility (overhead or underground) shall be carried out at the cost of the sponsoring agency and not the affected consumer(s) or **MEPCO**.

(b) On Consumer's Request

If the consumer requires the relocation of an overhead or an underground service connection for convenience, because of construction, or otherwise obstructing access to the service connection, the **MEPCO** shall, at the consumer's expense, relocate its service connection.

3.2 Repair or Replacement of General Supply Service Wire.

Routine repair/replacement of service wires feeding the consumer premises up to the metering point shall be the responsibility of the **MEPCO**.

3.3 TEMPORARY CONNECTION

a) A temporary electric power supply connection shall be provided by the **MEPCO** subject to the availability of load and the prevailing rules, when an applicant demands electric supply for a specific time period not exceeding three months, which may be further extendable on three-months basis upto 12 months by the load sanctioning authority subject to clearance of outstanding dues. In case the connection is to be continued for more than 12 months, then it will be allowed under regular tariff upon fulfillment of requisite information as explained for new connection in Chapter 2.

b) An applicant may apply for temporary connection for the following purposes:

- i) Illumination and lighting for weddings, festival, functions, exhibitions or national and religious ceremonies etc.
- ii) Construction of buildings.
- iii) Testing of industrial equipments.
- iv) Any other emergent requirement of temporary nature.

3.3.1 Procedure for Application

- (a) The applicant shall apply for temporary connection to the competent load sanctioning Authority as per corresponding regular category of connection.
- (b) The applicant shall attach NOC/Authorization from the local Authority (where applicable) along with the documents as mentioned in the application form.
- (c) The sanctioning authority shall approve in accordance with the Eligibility Criteria Regulations, 2003.
- (d) The applicant, shall be served with Demand Notice for the cost relating to the Dedicated Distribution System and security which will be deposited with the designated bank. For capital contribution, the terms of Eligibility Criteria regarding payments shall be applicable.
The amount against the security shall include:
The amount as per applicable tariff and load equal to the cost of expected consumption of electricity during the approved temporary connection period.
- (e) The MEPCO, after the receipt of necessary payment and certificate, shall provide the electric power connection immediately as per priority maintained for temporary connections.

3.3.2

- (a) The MEPCO shall provide temporary electric connection to the **applicant** on his demand for a specified period and disconnect the same after the expiry of this period unless extended further on the request of the consumer and confirmation by the **MEPCO** that the purpose for which temporary connection is required, still exists.
- (b) The consumer shall apply for extension in the sanctioned period at least one week before the expiry of the sanctioned period. The consumer shall pay in advance as security an amount equal to the expected consumption of the period applied for extension.
- (c) The **MEPCO** shall discontinue service without notice whenever it is no longer temporary in character, or it is used for unauthorized purposes.
- (d) After the expiry of the contracted period or after the period when connection is no more required and is disconnected, the cost of equipment installed for temporary connection shall be reimbursed to the consumer at depreciated rates, if it is dismantled and taken over by the **MEPCO** or if it is not dismantled and is taken over by the **MEPCO**.

CHAPTER 4

ENERGY METER INSTALLATION

4.1 GENERAL

This chapter covers installation of energy meters at the premises of consumers of all categories receiving electric power from the **MEPCO**.

The **MEPCO** shall provide the appropriate metering equipment at the cost of the consumer for all types of consumer categories. However, in case of non-availability of meter with the **MEPCO**, the consumer may procure the equipment according to the laid down specifications of the **MEPCO** for the metering equipment as per the Grid Code/Distribution Code.

4.2 METER LOCATIONS

- (a) It shall be the responsibility of the consumer to provide a safe and accessible location to the **MEPCO** for the installation of the metering equipment.
- (b) The meters shall be installed at a reasonable height from the ground level or at a level from where the meter reading is possible without using climbing devices.
- (c) For multi-occupancy buildings, the metering equipment of all the consumers residing in that building shall be installed at one location at the boundary of the building.
- (d) The **MEPCO** shall have the right at any time to change the place and position of the metering equipment to conform with the provision of the Schedule of Tariffs in force from time to time and Consumer Eligibility Criteria, 2003.
- (e) Should the consumer at any time requires the metering equipment to be shifted to another place or position within the same premises, he shall give not less than 7 days notice to the **MEPCO**, giving reasons also. The **MEPCO** after its satisfaction may shift the metering equipment upon receipt of such a request upon deposit of such shifting charges by the consumer as demanded through a demand notice by the **MEPCO**.

4.3 METER INSTALLATION

- (a) The **MEPCO** shall make its best endeavor to install the meters in accordance with the latest industry standards and workmanship.
- (b) All meters shall be installed on a non flammable boards in a true vertical position in a manner that will prevent water from entering the meters or meter cabinets.

- (c) When metering equipment is installed in a multiple-occupancy building (two or more occupants), the meter connection devices shall be labeled, tagged, or stenciled showing the complete address and location of the area served such as the apartment, office, or store in the building and account no of the consumer for which the metering equipment is being installed.
- (d) Conduit or wire connections to a meter connection device other than that for a single-phase 230 Volt self-contained meter shall be made below the meter terminal block.
- (e) The metering equipment shall be installed with permanent attachment to a rigid, vibration-free wall or structure. When such facilities are installed indoors, the consumer shall provide and install a mounting board in accordance with the **MEPCO's** specification.
- (f) In the case of multiple-position or grouped meter connections, conductors from the source of supply shall be continuous to the last meter and connected to the meter connection terminals in accordance with the **MEPCO's** requirements.

4.4 Meter Replacement

- (a) In case of replacement of a meter, the consumer's account shall not be liable to any adjustment on the basis of any discrepancy detected in the impugned metering equipment where the discrepancy is not attributable to any act or omission of the consumer.
- (b) Should the **MEPCO** at any time, doubt the accuracy of any metering equipment, the **MEPCO** may after informing the consumer, install another duly calibrated and tested metering equipment (check metering equipment) in series with the impugned metering equipment to determine the difference in consumption or maximum demand recorded by the check metering equipment and that recorded by the impugned metering equipment during a fixed period. If on such comparative test being made the impugned metering equipment should prove to be in-correct, the impugned metering equipment shall be removed from the premises with the written consent of the consumer, and the **MEPCO** in the absence of any interference or alteration in the mechanism of the impugned metering equipment being detected by the **MEPCO**, shall install a "correct meter" without any further delay.
- (c) Where it is not possible for the **MEPCO** to install check metering equipment of appropriate capacity (due to non availability of such equipment or otherwise) in

series with the impugned metering equipment, to check the accuracy of the impugned metering equipment as described above, the **MEPCO** shall, after informing (in writing) the consumer, test the accuracy of the impugned metering equipment at site by means of Rotary Sub-Standard or digital power analyzer. If on such test being made, the impugned metering equipment should prove to be in-correct, the impugned metering equipment shall be removed and immediately replaced with a correct meter. The impugned metering equipment shall be removed upon settlement / payment of assessed amount. In case if a correct meter is not available then the multiplying factor shall be charged accordingly till the replacement with correct meter.

- (d) Where a consumer is not satisfied with the accuracy of the meter, he may inform the **MEPCO** of his desire for the said metering apparatus be checked at site in his presence. Upon receiving such a request, the **MEPCO** will issue a demand notice as meter challenge fees for the checking of the said meter and will check the accuracy of the said meter within SEVEN working days from the date of receipt of payment of such challenge fees by installing a duly calibrated check meter in series with the impugned meter or in the absence of a check meter, through a Rotary Sub Standard or digital power analyzer accompanied by an engineer of the **MEPCO's** metering and testing laboratory. If upon checking the meter is found to be recording beyond the permissible limits, the meter shall be changed immediately and due credit be given for excessive units charged by **MEPCO** w.e.f. date of request filed by the consumer with **MEPCO**.
- (e) The charging of consumers on the basis of defective code, where the meter has become defective and is not recording the actual consumption will not be more than TWO billing cycles. The basis of charging will be 100% of the consumption recorded in the same month of previous year or average of the last 11 months which ever is higher. Only Authorized employee of the **MEPCO** will have the power to declare a meter defective. However the consumer has a right to challenge the defective status of the energy meter and the **MEPCO** will get the meter checked at site with a check meter or a Rotary Sub Standard or digital power analyzer accompanied, by an engineer of the metering and testing laboratory free of cost.

Where any consumer gives a notice in writing to the **MEPCO** and informs of having requested the Electric Inspector/(POI) to check the accuracy of the

MEPCO's metering equipment installed at his premises or the status of the meter regarding it being defective or otherwise, the **MEPCO** shall not remove or take off the impugned metering equipment from the consumer's premises until the Electric Inspector has conducted a test of the impugned metering equipment at site, in the presence of **MEPCO's** authorized representative, by means of a duly calibrated check meter installed in series with the impugned meter or through a Rotary Sub-Standard or digital power analyzer and has given the result of his test.

The charging of consumers on the basis of type of defect or fault, where the meter has become defective and is not recording the actual consumption, will be as per table below:

Type of Fault/defect	Cost of replacement of meter	Mode of Determination of consumption	Competent Authority	Appellate Authority	Period of Loss	Remarks
Defective / damaged/burnt meter not due to consumer fault	Cost to be borne by MEPCO	As given above at 4.4(e)	The competent Authority to determine type of fault/defect shall be the respective load sanctioning authority	On meter being declared as defective—Next higher office, Review Committee, POI, NEPRA in the order of appearance	Defective charging to a maximum of two billing cycles for regular bills. No previous charging on defective code.	----NIL----
Slowness owing to age / other reasons not related to illegal abstraction / stealing.	Cost to be borne by MEPCO	Through previous consumption data- Check, meter-Slowness through check/Rotary Substandard, Grid meter/power analyzer	-do-	-do-	-do-	Test check Performa to be got signed by the consumer / his authorized representative or POI at the time of inspection
Meter defective / damaged / burnt due to Consumer's fault including over loading, internal wiring defect.	Consumer To pay	Verification of load, Check meter, Rotary Substandard, another meter in Series, OR at Grid meter / power analyzer.	-do-	-do-	-do-	-do-

NOTE: See the matrix at Annexure-VIII

CHAPTER 5

SECURITY DEPOSITS AND OTHER CONNECTION CHARGES

5.1 New Service Connection Charges

- (a) All service connection charges after sanction of a new connection, a demand notice for security deposit as per the rate approved by NEPRA and other connection charges as per provision made in Consumer Eligibility Criteria Regulations annexed with this manual as **Annexure-VII** shall be issued to the applicant for depositing the same in the designated bank branch.
- (b) A period of one month for payment of Demand Notice is given (in case of all categories of connections).

5.2 SECURITY DEPOSIT

- (a) Security deposit is non transferable except as follows:
 - i) **Relocation of Premises**
If the consumer moves to a new location within the Exclusive Service Territory of **MEPCO** and requests for a new connection at that location.
 - ii) **Change of Name**
If the consumer sells the premises where the connection is installed, it shall be obligatory upon the new owner to apply to **MEPCO** for a change of name. Such an application shall be accompanied by written consent of the previous owner regarding transfer of Security Deposit in the name of new owner
 - iii) **Through Succession**
Upon death of the consumer, the Security Deposit shall be transferred according to the Succession Certificate granted by the court of competent jurisdiction.
Providing that the Security Deposit shall be updated and transferred if no arrears are outstanding.
- (b) In case of change of tariff and / or extension / reduction of load / shifting of site / change of name, the security amount shall be updated according to prevailing rates.
- (c) For the purpose of calculating the security deposit, the fraction of a kilowatt (for loads above one kilowatt) which is equal to or more than half kilowatt, shall be taken as one kilowatt, and the fraction which is less than half a kilowatt shall be ignored.

- (d) The security amount deposited by the consumer at the time of getting connection shall be refunded at the time of permanent disconnection after getting approval for the refund from the load sanctioning authority. (Provided there is no other amount outstanding against the consumer) The security deposit amount can also be adjusted in the final bill, if applied by the consumer.

CHAPTER 6

METER READING AND BILLING

6.1 METER READING

- (a) Meter reading of all the consumers of a **MEPCO** is carried out on a routine basis each month to record the consumption of energy consumed by each consumer during a given period (Billing cycle/billing month). The meter reading is generally taken / recorded by the local Distribution office (sub-division / division) of the **MEPCO** for the purpose; the consumers of each sub division are divided into a number of batches. The meter reading program shall be prepared in such a way that the meters of a batch are normally read on the same dates each month.
- (b) Meter reading of all types of connections with load up to 20-KW are required to be taken by the Meter Readers. Reading of Maximum Demand indicators of connections having load over 20-KW are to be recorded by the Meter Supervisors and Senior officers of the **MEPCO**.
- (c) **Meter readings are taken preferably in the presence of customers or their authorized representatives. Following are noted:**
 - i) Date of reading.
 - ii) Meter Reading/ MDI.
 - iii) Units consumed during the month.
 - iv) Append their initials.
 - v) Their remarks in case of any discrepancy observed

Meter Reading Officers / Meter Readers shall return the Consumer Meter Reading Cards to the consumers before leaving their premises.

- (d) Meter Readers shall also check the irregularities / discrepancies in the metering system at the time of reading meters and report the same in the reading book / discrepancy book. Meter Supervisor/Inspector will take corrective action to rectify these discrepancies.
- (e) **MEPCO** may develop alternative meter reading program and/or establish revised designations for meter readers as per **MEPCO** Commercial Organization Plan.

6.2 Electricity Bill

- (a) The Electricity consumption bill shall generally contain the following information:-

Billing Period	The period for which bill is being issued.
Reference No.	A dedicated number allotted to a consumer for identification.
Tariff	The applicable rates and charges approved by NEPRA for the category of connection.
Load	The load sanctioned load for the connection.
Reading Date	The date on which meter reading is taken.
Issue Date	The date on which bill is issued to the Consumer.
Due Date	The date by which amount of the bill is to be paid. However, if the due date falls on a holiday, the due date shall be the next working day.
ED	Electricity Duty levied by the Provincial Government.
Total units Consumed	The units consumer during a Billing Period or estimated consumption in case of defective meters.
Total cost of Electricity	The cost as per applicable tariff of total units consumed or estimated consumption in case of defective meter.
Installments	Any amount to be paid as per installments allowed by Competent Authority.
GST	The General Sales Tax levied by the Government of Pakistan.
Amount Payable Within due date	Total current amount of all the payment items as mentioned in the bill including arrears amount, if any
Late Payment Surcharge (LPS)	The amount levied on account of non-payment of bill within due date,
Amount Payable After due date	Total of amount payable within due date and Late Payment surcharge.
Fixed Charges	As defined in Tariff Terms & Conditions.
Variable Charges	As defined in Tariff Terms & Conditions.
Billing Demand	As defined in Tariff Terms & Conditions.
Other Charges	These charges include Fuel Adjustment charge, PTV Fee, Withholding Tax, any other charge/surcharge levied by the Federal Government etc.

- (b) In cases where accumulated readings are recorded, segregated bills shall be prepared keeping in view the number of months for which the readings have been accumulated to give relief to the consumers.
- (c) The consumers are advised to read the “INSTRUCTIONS FOR THE PAYMENT OF BILLS” given on the back of Electricity bill and Monthly Electricity consumption charges bill of general consumers and bill for Industrial (MDI)/Bulk supply consumers for their knowledge and guidance. The monthly bill can also be downloaded from **MEPCO’s** website in case of non receipt of bill on usual delivery dates.

6.3 TIME PERIOD FOR PAYMENT OF BILLS

The due date for payment of bills shall be within 15 days from the issue date of the bills. However the consumers will have clear 7 days from the date of actual delivery of the bill for the purpose of payment.

6.4 PROCEDURE FOR BILLS DISTRIBUTION

- (a) Batch wise computerized bills for consumers having load up to 20-KW shall be received by the sub division from the revenue offices. The same shall then be handed over to the Bill Distributors on the same day for distribution to respective consumers.
- (b) The Bill Distributors shall deliver the bills at the premises of the consumers within a day of receipt of the bills by them for distribution.
- (c) Bills for industrial consumers and MDI connections above 20-kW load shall also be distributed to the respective consumers through Bill Distributors who shall obtain the acknowledgements of such bills from the consumers in the Bills Delivery books.

6.5 COLLECTION /PAYMENT OF ELECTRICITY BILLS

- (a) All Commercial Bank Branches and Post Offices of the respective City / District where connection exists shall be collecting Electricity Bills from consumers who have been given option to deposit their Electricity Bills in any designated bank branch / post office. On line payment and payment through Credit Cards or through cheques at designated bank branches can also be made where possible. NADRA KIOSK are also authorized to collect electricity bills.
- (b) Procedure in brief regarding payment of bills in Banks / Post Offices is as under:
 - i) In order to avoid late payment surcharge, consumers shall pay their bills and demand notices in bank branches in cash or through Pay orders/Bank. Drafts/Crossed Cheques. Consumers can also make payments to Revenue offices through Crossed Cheques or Bank Drafts.(For payments to avoid levy of late payment surcharge made through cheques a grace period of at least three days be given for the realization of payment and these days are included in the fifteen 15 days grace period).
 - ii) The Banks/Post Offices shall receive bills, acknowledge the receipt of payment by stamping the bills and the counterfoils as "PAID" indicating

the amounts received. Authorized officer of Bank/Post Office shall sign bills and counter foils in order to authenticate the transaction.

iii) The Bank branches/Post offices shall retain counter-foils and return the acknowledged bills to payers/consumers.

(c) **MEPCO** may develop and offer to consumers an option to receive bills and make payments via Internet or in such other manner as may be possible, convenient and effective.

CHAPTER 7

TARIFF

7.1 TARIFF

Tariff means the rates, charges, terms and conditions for generation of electric power, transmission, interconnection, distribution services and sales of electric power to consumers by a **MEPCO**. **MEPCO's** shall charge only such tariff from consumers as is approved by NEPRA and duly notified by Government of Pakistan from time to time. **MEPCO's** shall apply to NEPRA for any change of Tariff to be charged from different categories of consumers.

7.2 AVAILABILITY OF SCHEDULE OF TARIFF

The schedule of tariff as approved by NEPRA and notified by the Government of Pakistan, shall be made available in **MEPCO** offices and shall be provided to the consumers on demand free of cost (Copy thereof is attached as Annexure-III). All consumer queries/clarifications in respect of applicable tariff shall be adequately addressed by the **MEPCO**.

7.3 POWER FACTOR PENALTIES

The penalties for low power factor shall be levied according to the "Terms and Conditions" of approved tariff of respective category as Annexure-I with this document.

7.4 CHANGE OF TARIFF

- a) The consumer shall apply, at least 30 days in advance, for the change of his existing tariff to the competent load sanctioning Authority.
- b) The consumer shall submit the application for change of tariff along with the required documents as mentioned in the application form.
- c) **MEPCO** shall accord approval for change of tariff within 30 days of receipt of application after site verification and confirmation of other information provided by the consumer in his application.

7.5 MIS-USE OF TARIFF

- a) The consumer shall, in no case use the connection for the purpose other than for which it was originally sanctioned. In case of violation, the consumer is liable for disconnection and / or penal action.
- b) **MEPCO** shall serve seven (7) days clear notice to the consumer who is found mis-using his approved/sanctioned tariff. However, **MEPCO** shall immediately change the tariff and shall determine the difference of charges of the previous period of mis-use to be recovered from consumer. However in the absence of

any documentary proof the maximum period of such charges shall not be more than TWO billing cycles.

7.6 TOD TARIFF

TIME OF DAY (TOD) metering for various classes has been introduced. The advantage of TOD metering is that the rates are less with in off peak hours as per the schedules of TOD. In addition it also helps in reducing the Peak Demand on the system. Consumers are advised to avail the facility of TOD metering.

CHAPTER 8

DISCONNECTION AND RECONNECTION

8.1 DISCONNECTION

A premises is liable to be disconnected if the consume is a defaulter in making payments of the energy consumption charges bill(s), or if he is using the electric extended his load beyond the sanctioned load even after receipt of a notice in this respect from the **MEPCO**.

Disconnection Procedure

- i. The consumer shall be bound to pay his energy bill within due date specified in the bill or with the late payment surcharge if paid after due date before the issuance of the next month bill.
- ii. In case of non payment of the previous months electricity bill, the **MEPCO** shall serve a clear 7 days notice to the defaulting consumer to either clear the outstanding dues with the current bill or face disconnection and panel action.
- iii. Upon non receipt of payment even after the expiry of the notice period, the supply of the defaulting premises shall be disconnected. In such cases the disconnected supply shall not be reconnected or restored by the **MEPCO** until full payment along with late payment surcharge has been made by the consumer. The power supply of the consumers who are allowed by the **MEPCO** to make the further defaults in making payment of installments, the power supply of such a consumer shall be disconnected without any further notice and shall only be restored after receipt of all arrears.
- iv. The power supply of defaulting consumer shall not be disconnected who has lodged a complaint / petition against any wrong billing or any dispute relating to the payment of energy bill with **MEPCO**, the Electric Inspectors officer, Provincial Office of Inspection or NEPRA (for all such, proper **restraint** orders shall be issued). **MEPCO** shall also not disconnect the supply if a restraining order to this effect has been issued from any court of law.
- v. If a consume extends his existing load beyond the sanctioned load he shall be issued a notice along with evidence thereof to apply for extension of load within one month of the receipt of notice. The **MEPCO** shall disconnect the power supply if the consumer fail to avail this opportunity.

8.2 Disconnection on Consumer's Request

Temporary Discussion of supply is allowed to a consumer on his / her request, for a period of 30 days subject to the following terms and conditions:-

- a) That the consumer has paid the final bill up to the day immediately preceding the intended date of request for temporary disconnection.
- b) That exemption in payment of minimum / fixed charges will be admissible for the actual period of disconnection subject to a maximum of 30 days consecutive days during a period of twenty four consecutive months.

- c) That no reconnection fees shall be charged if the consumer gets the connection restored immediately after the expiry of the period of disconnection allowed to him / her
- d) A seasonal consumer or a consumer whose connection is laying disconnected shall not be eligible to the allowance given in the temporary disconnection.
- e) After the expiry of period allowed for disconnection as per clause (b) above, the connection shall be deemed to have been restored for payment of minimum / fixed charges even if the consumer does not request for reconnection and does not use electricity. In case the consumer defaults in making the future bills, his / her connection may be disconnected and equipment installed at his premises to supply every be removed after service of notice as per disconnection procedure. Restoration of supply to such a premises shall also be regulated as per the reconnection policy as given in section 8.3

A consumer who intends to get his / her premises disconnected shall apply to the load sanctioning Authority of the connection concerned, who will arrange the final bill from the Revenue officer concerned. After payment of final bill, the respective load sanctioning Authority will approve the disconnection. Disconnection for consumer supply shall be effected through removal of, such facilities to avoid misuse of electricity during the period of disconnection.

NOTE: In all case of reconnection / MCOs or any case where meter is changed for any other reason. Part II and part IV of the application form will be filled out and a copy sent to the consumer for his information duly signed by the office in charge.

8.3 RECONNECTION

The disconnected premises shall be reconnected at the request of the consumer if all outstanding electricity charges are paid and subject to following policy.

(a) RECONNECTION POLICY

A disconnected premises shall only be reconnected after recovery of all outstanding energy consumption charges and minimum / fixed charges as follow

(A)	For General Supply Tariff A-I & A-II (single phase only)	Minimum / fixed charges of Rs.100/- only for any period
(B)	For General Supply –Tariff A-I & A-II 3-Phase Connections For Industrial Supply Tariff (B-1, B-2, B-3, B-4)	a. Minimum / Fixed charges for actual period of disconnection of supply if period of disconnection is upto ninety days (+ amount of arrear due up to date of permanent disconnection).
(C)		b. In case he period of disconnection of supply is ore that ninety days and upto three years then the minimum / fixed charges will be recovered @ one month for
(D)	For Agriculture Tubewell and lift irrigation pumps Tariff –D	

(E)	For Flat Rate Tariff – D-1	<p>every quarter in addition to the minimum / fixed charges or ninety days. Period less than a quarter will be ignored for the purpose of recovery of minimum/ fixed charges (+ amount of arrears due up to date of permanent disconnection).</p> <p>c. If the period of disconnection more than three years from the date of disconnection, minimum fixed charges for the disconnected period beyond three years from the date of disconnection upto the date of reconnection shall be recovered in addition to the charges laid down in (a) & (b) above. The minimum /fixed charges for period beyond three year shall be @ one month for every year. Period less than a year shall be ignored in calculations.</p>
(F)	For Bulk Supply Tariff (C-1, C-2, C-3)	NIL
(G)	For public Lighting Tariff G	NIL
(H)	For ONE Point supply to Residential colonies attached to the premises of industrial supply consumer, who have their own distribution facility. Tariff-H	NIL
(I)	For Seasonal Industrial Supply Tariff-F (As specified in Tariff Terms and condition an as amended from time to time.	Where a “Seasonal Supply” consumer does not come forward to have his seasonal Industry re-connected with the company’s Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60-days of the date of commencement of the season previously specified by the consumer at the time of his obtaining new connection / reconnection However, at least ten clear das notice in writing under registered post shall be necessary to be given to the consume before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from as disconnected seasonal consumer for any season during which he does not come forward to have his seasonal Industry re-

		connected with the Company's Supply System.
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Note: For disconnected period, Meter **Rent** / Service rent shall be charged (where applicable) for the entire period of disconnection up to the date of reconnection.

- (b) Cost of material to be recovered at the time of reconnection.
- a) The material and equipment which is removed from the site as a result of disconnection shall be kept in the sub divisional office (AMO's office) for 365 days from the date of disconnection and an entry to this effect shall be made in a register to be kept for this purpose. It shall be re-installed after payment of reconnection charges without recovering cost thereof on application for reconnection within 365 days to be reckoned from the date of disconnection. If a disconnected consumer does not come forward for reconnection within 365 from the date of disconnection, then the removed material and equipment shall be returned to the store. Removed material and equipment shall be taken on stock and it shall be issued **as stock material** by the concerned office.
 - b) In case a disconnected consumer supplied for reconnection after the expiry of 365 days of disconnection but within three years from the date of disconnection, credit on depreciated value of the removed material shall be given in the estimate for reconnection provided cost for the removed material was originally borne by the consumer or it was wholly subsidized by an external agency out side the **MEPCO** or if such cost had not element of subsidy by the **MEPCO**. No credit of the cost of removed material will be accorded where it was partially subsidized by the **MEPCO** under any approved package. (Cost of such material and equipment under any partial scheme will be treated as if cost of the removed material was originally borne by **MEPCO** and as such no credit for depreciated value of subsidized cost will be provided.)
 - c) In case a disconnected consumer applied for reconnection after a period of three years from the date of disconnection, no credit of the cost of the removed material shall be accorded, even if he had originally paid the entire cost of material and equipment at time for obtaining connection.
 - d) In case of reconnection of a disconnected premises where no arrears are outstanding against the premises and due to some reason serviceable equipment is available at site, **MEPCO** may utilized such equipment and cost of such material will not be recovered from the consumer subject to the such satisfaction of the **MEPCO** that the material is genuine, operationally safe and the equipment has a reasonable serviceable life.

On receipt of payment the **MEPCO** shall issue reconnection orders for implementation by the field office after fulfilling the formalities as per reconnection

policy mentioned above and immediately regularize the billing after execution of reconnection.

8.4 SECURITY DEPOSIT AND CHARGES FOR RECONNECTION

- (a) Once a consumer applies for reconnection, he shall be charged security deposit as per the following policy:
- For consumers whose security has not been adjusted against the outstanding arrears and their disconnected period is also less than or equal to 365 days no additional security deposit shall be charged.
 - For consumer whose security has been adjusted against the arrears and their disconnected period is within 365 days or less only the amount of adjusted security shall be charged.
 - For consumer whose security has not been adjusted against arrears but their disconnected period is more than 365 days, for such consumer the difference in amount between the security deposit already available with the **MEPCO** and the prevailing rate at the time of reconnection shall be charged.
 - For consumer whose security has been adjusted against the arrears and their disconnected period is also more than 365 days, for such consumers the security at the prevailing rate shall be charged.
- (b) Reconnection fee shall be recovered as per following rates for the amount of the arrears on the basis of which DCO/ERO was affected:
- | | |
|---|------------|
| i. For arrears upto Rs.1000/- | Rs.100/- |
| ii. For Arrears between Rs.1001/- and Rs.5000/- | Rs.300/- |
| iii. For arrears between Rs.5001/- and Rs.15000/- | Rs.900/- |
| iv. For arrears between Rs.15001/- and Rs.1 Lac | Rs.2000/- |
| v. For arrears between Rs.1 Lac and Rs.5 Lac | Rs.2000/- |
| vi. For arrears above 5 Lac | Rs.10000/- |
| vii. For connection disconnected due to other reasons Nil | |
- i.e. disconnected on technical grounds, for unauthorized Extension in load, or seasonal consumers disconnected due to season off or disconnected due to misuse of Applicable Tariff, no reconnection fees shall be charged.
- (c) All the disconnected consumers, having disconnected period of more than three years shall have the option to apply for new connection in the same premises subject to clearance of all dues outstanding against previously disconnected connection. In such cases nothing on account of fixed charges / minimum charges for disconnected period shall be debited against the premises previously disconnected, if new connection sought instead of "Reconnection". For this purpose the security amount originally deposited by the consumer shall be adjusted against the arrears of the previous account number and the arrear bill of balance amount served to the consumer. Upon payment of the balance amount, the consumer can apply for a new connection as per new connection policy given in Consumer Service Manual. If any material is available at site or is lying with the **MEPCO** against the consumers premises, the same shall be considered and will be accounted for in preparing the estimate for the dedicated system of the consumer.
- (d) Relief to Industrial as well as agricultural Tubewell consumers shall be given as per **incentive** package introduced from time to time. Consumers are advised in contact their local **MEPCO** office for further detail.
- (e) The disconnected consumer whose arrears have partially or totally been set aside by Courts, Electric Inspectors /POI, NEPRA or **MEPCO's** Competent Authorities or have

been allowed part payments shall be allowed reconnections on deposit of remaining arrears or their first installment.

8.5 **COLLECTION OF ARRERS UPON OR FOLLOWING RECOVERY ON**

(a) **Causes of Increase of amounts in Arrears**

- i. The consumer who default in making payments by due dates shall be issued Disconnection Notices printed on monthly Electricity Consumer Bills. The connection of consumers who still do not make payment of their arrears shall be disconnected on the maturity of disconnection notice after expiry of the stipulated period.
- ii. In case of the consumers, who shift sites of their tube wells, poultry farms, cattle farms and industries to other locations without clearing the pending electricity bills, **MEPCO** shall take legal action to recover the arrears.
- iii. The consumer who sell their houses, shops, industries, seasonal factories, etc without making payment of electricity bills, **MEPCO** shall recover the arrears from the new occupants of the defaulting premises.

(b) **Recovery of Arrears Amount**

Recovery of arrears from the consumers shall be made through their regular monthly bills, if the monthly bills are not paid in time necessary action for disconnection of such consumer shall be taken according to the procedure as described in Chapter No.8 "DISCONNECTION AND RECONNECTION".

(c) **Proceedings against disconnected Defaulting consumers.**

In case consumer fail to pay the arrears amount, all legal measures / action shall be initiated against such consumers for recovery of outstanding dues.

CHAPTER – 9

DISHONEST ABSTRACTION, CONSUMPTION OR USE OF ENERGY

9.1 THEFT OF ELECTRICITY / ENERGY

(a) DIRECT THEFT OF ELECTRICITY BY REGISTERED / UN REGISTERED CONSUMER OF A MEPCO

- i. If a premises / person is found to be hooked directly with the **MEPCO** supply line by bypassing the metering equipment or if the consumer is using electricity direct from the **MEPCO's** supply line and/ or the person living in the premises is not a consumer of **MEPCO**, then the **MEPCO** shall interalia process the case as THEFT of electricity. For all such cases the **MEPCO** shall register an FIR with the police. The FIR is to be registered by a responsible officer of the **MEPCO** not below the rank of Sub Divisional Officer.
- ii. All theft cases of direct hooking would be dealt by **MEPCO** directly in accordance with relevant clauses of Electricity Act 1910. The disconnection of electricity shall be carried out immediately under the supervision of Sub Divisional Officer of the area or any other authorized Officer of the **MEPCO**. The removed material shall be preserved as a proof of theft and the same shall be handed over to the police authorities while reporting to the police.
- iii. **MEPCO** shall be authorized to recover its losses by raising a detection bill as per its own procedure.

(b) ILLEGAL ABSTRACTION OF ELECTRICITY BY REGISTERED CONSUMERS.

The following indications shall lead to further investigations by **MEPCO** for illegal abstraction of electricity. For such cases the **MEPCO** shall observe the procedure as laid down under 9.1(c).

- i- Prize bond / postal order / meter security slip removed
- ii- Bond / terminal cover seal of the meter broken / bogus / tampered.
- iii- Terminal cover of the meter missing.
- iv- Holes made in the KWH meter bodies.
- v- MSB of the meter showing signs of tampering
- vi- Meter hanging loose / tilted / physically unbalanced
- vii- Meter glass broken.
- viii- Meter dead stop/ burnt.
- ix- Meter sticking.
- x- Meter digits upset.
- xi- Meter running reverse.
- xii- Meter connected on temporarily / permanently disconnected premises.
- xiii- Meter found missing at site.
- xiv- Meter found at site but no record exists in the office.

- xv- Any other means which can cause interference in true recording of
- xvi- quantum of energy (units) by the metering equipment.

(c) **Procedure for establishing illegal abstraction shall be as under:**

- 1) Upon knowledge of any of the items in 9.1(b), the concerned office of the **MEPCO** will act as follows:
 - i- Secure meter without removing it in the presence of the owner / occupier or his authorized representative /respectable person of the locality.
 - ii- Install check meter and declare it as billing meter.
 - iii- Shall constitute a raiding team including Magistrate, POL/E.I, Officer of **MEPCO** (in case of residential / commercial consumes not below the rank of SDO and in case of other consumers not below the rank of XEN) and an officer of the metering and testing division of the **MEPCO** (who should be an Electrical Engineer) inspect the meter secured at site and declare that illegal abstraction of electricity has, and / or is being carried out.
 - iv- Once confirmed that illegal abstraction is being done, serve notice to the consumer informing him of the allegations and the findings and the requirement of a written reply from the consumer.
 - v- Should wait for seven working days for receipt of reply.
 - vi- The reply to the notice shall be examined by the office higher in grade than the inspecting officer. If the reply is not convincing or if no reply is received or if the allegations as levied are proved, the inspecting office with the approval of the next higher office will immediately serve a detection bill for unclaimed energy limited to the period of three billing months or six months with the approval of CEO previous from the date of establishment of illegal abstraction as elaborated at 9.1(c) (3).
 - vii- The detection bill along with a disconnection notice for payment within seven days will be issued by the inspecting office.
 - viii- Upon payment of the detection bill, the tampered meter shall be replaced by the **MEPCO** at the cost of consumer and no further action will be taken by the **MEPCO**
 - ix- In case the consumer does not make payment and also does not dispute over the quantum of energy assessed, then after the expiry of the stipulated period his premises be disconnected and procedure for disconnection and reconnection as per Chapter 8 be followed thereafter.
- 2) The maximum period for charging in such cases shall be restricted to three billing cycles for general supply consumers i.e. A-I & A-II. For period beyond three billing cycles up to a maximum of six months is subject to approval of the Chief Executive of the **MEPCO**. Also for such cases action will also be initiated against the officer in charge for not being vigilant enough. For other consumer classes, the period of charging can be more than three billing cycles upto a maximum of six billing cycles.
- 3) If the consumer objects payment or disputes over the quantum of the units detected by the **MEPCO**, the appellant authority for revision of detection bill would be the review committee of the **MEPCO** headed by the next higher

officer. The consumer will also be given personal hearing by the review committee.

- 4) In case, the dispute remains unresolved even after exhaustive review, the **MEPCO** after getting approval of the Chief Executive Officer may lodge the F.I.R. The consumer may also approach a competent court of law under the relevant provisions of Electricity Act 1910.

Note: Mere occurrence of any the above defects in a meter does not warrant illegal abstraction of electricity. In cases sometimes, weathering effects and atmospheric conditions also wear out the postal orders, seals and other parts of the metering equipment. The detecting authority must be reasonable sure regarding the illegal abstraction happening before it actually decides to charge a consumer for the same. The same is true for the appellat forum as well. In addition in places where the meters are out side the premises, the prime responsibility of the maintenance of its healthy state of the meter rests with the **MEPCO**. A consumer shall not be charged if the meter wears out through normal atmospheric effects or through some internal fault in a meter for which a consumer be held responsible. For such cases the normal course of action on part of **MEPCO** should be to replace the meter with healthy meter. However, if the **MEPCO** feels that the quantum of energy lost because of malfunctioning of the metering equipment is more than ONE billing cycle then in such as case the **MEPCO** shall install a check meter in series with the impugned meter and declare the check meter as the billing meter. Difference between the consumption of the two meters to be recorded and the same may be charged to the consumer for a maximum of two billing cycles. However, it must be ensured that this would not be a DETECTION BILL.

See the Matrix at annexure-VIII

CHAPTER -10

CONSUMER COMPLAINT

10 General

- 10.1 Complaint in respect of new connections, meter reading and billing, electric supply failures and other matters relating to supply of electric power services shall be handled by **MEPCO** expeditiously. In order to redress consumer complains, Consumer Service Centers shall be approached for all types of complaints to be lodged by the consumer. Additionally, one Window Operations are established in the **MEPCO** offices wherein all types of complaints are received from the consumers who are given acknowledgement of the same with definite dates for their replies according to time frame of handling and redressal of such complaints.

MEPCO shall handle a complaint in accordance with the procedure as laid down in this chapter.

10.2 COMPLAINT REGARDING NEW CONNECTIONS

Compliant in respect of now availability of application and power Supply contract (A&PSC) and other material, delay in issuance of Demand Notice etc. shall be attended properly and connections given as per procedure and time schedule laid down in relevant chapter(s).

10.3 COMPLAINTS REGARDING BILLING

- (a) Common billing complaints including but not limited to the following shall be entertained for redressal / reply within the time as given below
- i) Errors in bills arising from wrong meter readings, wrong calculation of charges, etc (within 7 days from the receipt of complaint).
 - ii) Tariff Changes. (Within 30 days from the receipt complaint)
 - iii) Defective meters (within 2 billing cycles for meters changed under defective code).
 - iv) Wrong application of surcharge, e.g. late receipt of bank scrolls or loss of a scroll (within 3 days of receipt of complaint).
 - v) Adjustment arising on various matters including extension of due date and waiver of surcharge (within 03 days from the receipt of complaint).
 - vi) Generally, the data for bills preparation is not sent in time to the **MEPCO** Computer Center. This has consequential effects and in turn consumer bills are delayed as they do not get SEVEN clear days for payment of bills. In such cases the officers of **MEPCO** can extend the date in accordance with powers delegated to them.
 - vii) Bills calculated on an average basis are usually on the higher side which need reconsideration and correction from the next higher authority (within 15 days from the receipt of complaint).
 - viii) Detection bills are prepared on the basis and for a period not acceptable to the consumers (if referred to **MEPCO** decision within 15 days from the date of receipt of request).

- ix) Detection bills issued on mere assumptions or reasons which cannot be attributed to consumers involvement in illegal act/ theft of energy (if referred to **MEPCO** decision within 7 days from the date of receipt of the complaint).
 - x) Wrong billing due to wrong meter reading (within 3 days from receipt of complaint)
 - xi) Delay in issue of 1st Bill against New Connections (Maximum of Two billing cycles). The consumer should receive his 1st bill within 2 months of the date of connection. The bill should have appropriate slab for the period. If delivered later, it should have appropriate slab corresponding to the number of months for which the accumulated reading bill delivered).
 - xii) Inclusion of paid amounts in next month bills. Revenue Officers (ROs) as well Bank Managers, In charge Post Office where the last bills were paid are competent to amend the bills (same day) upon production of previous paid bill.
 - xiii) Arithmetical Errors: ROs and SDOs are both competent to correct such bills forth with upon receipt of the complaint.
 - xiv) Late delivery of Bills: As printed on the reverse of the monthly bills, in such cases the officer of **MEPCO** can extend the date in accordance with powers delegated to them.
 - xv) Issuance of Duplicate Bill: SDOs and ROs and In-charge Customer Service Centers are competent to issue the duplicate bills. (Same day). Consumers having internet facility can also download their electricity bill from the **MEPCO**'s web site.
 - xvi) Change of Tariff: Decisions are taken by Executive Engineers (XENs) in cases of tariffs A1 and A2. In all other cases next higher load sanctioning authorities are competent to change the tariff. (Within 30 days from the date of receipt of complaint).
 - xvii) Late intimation of input date after the implementation of Meter Change Orders (MCO), delayed implementation of MCOs even after replacement of meters (Suitable number of installments to pay the outstanding amounts are allowed by the load sanctioning authority proportionate to the delay).
- (b) All the above complaints regarding billing shall be registered in the Sub-Divisional Office or Consumer Service Center or One Window Operation in **MEPCO** offices wherein dates for their rectification shall be given to the complainants as per procedure and time frame for handling and redressal of complaints. All these complaints shall also be monitored by **MEPCO** Complaint Cells.

Time Frame for the redressal of each category of the above complaint is given in the various Chapters of this Manual and above also. A performance appraisal of all such complaints shall be carried out at the end of each financial year of the **MEPCO**. The consumers are encouraged to approach NEPRA in case their complaints are not handled by the **MEPCO** according to this Manual.

10.4 COMPLAINTS REGARDING FAILURE OF ELECTRIC SUPPLY

- (a) Common complaints regarding failure of electric supply are mentioned as below:
- i) Individual complaints of consumers regarding failure/fluctuation of supply voltage other complaints of technical nature which can be rectified locally.
 - ii) Collective complaint due to fault on 11-KV feeder.
 - iii) Collective complaints due to fuse blown up on 11-KV side of distribution transformer.
 - iv) Collective complaints due to damage of distribution transformer.
 - v) Frequent Tripping of 11-KV feeder.
 - vi) Touching of branches of trees with the 11-KV/LT conductors.
 - vii) Defect in 11KV/LT jumpers, insulation, etc.
 - viii) Entangling of string used for kite flying with 11-KV / LT Lines
 - ix) Leakage of current in poles / structures / other equipment installed on the system.
 - x) Low Voltage at consumer's premises.
 - xi) Fluctuations in the system due to deposit on joints of copper / aluminum conductor.
 - xii) Substandard quality of supply / maintenance.
 - xiii) Any other technical complaint.
 - xiv) For technical complaints, the time frame is specified in the NEPRA Performance Standards (Distribution) Rules, 2005. Abstract of the standards are given in Annexure – I of this Manual.
 - xv) The complaints shall normally be attended to in the following order of priority:
 - xvi) Attend leakage of current immediately on receipt of such complaints.
 - xvii) Attend collective complaints of consumer.
 - xviii) In case of damage of transformer, this should be replaced with trolley mounted transformer if available in the sub division or after arranging from some other sub division to meet with the emergency till proper transformer is arranged for replacement.
 - xix) Trimming of braches of trees touching the electric lines as well as other preventive maintenance work shall be carried out in order to avoid unnecessary tripping/ damage to electric installations as per well advertised programme.
 - i) Attend individual complaints of consumers.
 - ii) The complaints regarding low voltage at consumer's premises shall be investigated by sub –Divisional Officer and remedial measures taken so as to improve the voltage thereby reducing the chances of damage to electric gadgets of the consumers.
 - iii) The complaints regarding sub-standard quality of supply shall also be investigated by the Sub-Divisional Officer and remedial measures adopted so as to improve the same.

- (b) At the end of each shift in the complaint office an abstract shall be prepared as follows:
 - i) Number of complaints received
 - ii) Number of complaint attended.
 - iii) Number of complaints lying un attended with Sr. Nos. and reasons.
- (c) The **MEPCO** shall have independent Complaint Offices to attend such complaints. These complaint offices shall work on 24-hours basis even during holidays. The working of these complaint offices is to be supervised by higher officers as well as **MEPCO**'s Complaint Cells
- (d) **SPECIAL ARRANGEMENTS FOR HANDLING SPECIAL REQUESTS FROM ELDERLY AND HANDICAPPED CONSUMERS.**
MEPCO shall make special arrangements for handling requests from elderly and handicapped consumers with regard to consumer related issue.
- (e) **DEVELOPMENT OF WEBSITE FOR CONSUMERS SERVICES**
 The **MEPCO** shall develop a Website for Consumer Service. The consumer service can also be part of the **MEPCO** main Website. The site shall contain following information / facilities:
 - i) Consumer billing status
 - ii) Consumers billing record / historical data:
 - iii) Distribution Code, NEPRA Eligibility Criteria, NEPRA Performance Standards (Distribution) Rules, 2005 and Consumer Service Manual.
 - iv) Tariff information
 - v) Network information in GIS Format, indicating the loading of feeders:
 - vi) Payment of bills through credit cards, if possible and
 - vii) All kinds of forms required by a consumer.
- (f) The manual shall contain the telephone numbers of all the important officers of the **MEPCO** and the complaint centers. The **MEPCO** shall also place a soft copy of approved manual on its website for down loading.

CHAPTER 11

TRANSFORMER AND CONSUMER SUB STATION

11 TRANSFORMER INSTALLATION ON CONSUMER'S PROPERTY

11.1 General

In case of consumer of category I to IV (as defined in Chapter 2) where line voltage (11000 volts or higher up to 132-KV) is stepped down on the consumer's property to the service voltage required by the consumer, the facilities necessary to accommodate the transformer or transformers and the related equipment will be either:

- a) A Distribution Sub Station, if furnished, installed, owned, and maintained by the **MEPCO**, or.
- b) A consumer Sub Station, if furnished, installed, owned and maintained by the consumer.

11.2 Distribution Sub Station

The **MEPCO** will install a Sub Station for such General Purpose consumers. The **MEPCO** shall ensure that all the installations are in accordance with the **MEPCO** approved design specifications and standards.

11.3 Consumer Sub Station

The responsibility for the provision of space, installation and maintenance of step down transformer and all allied equipment in a consumer sub station shall be that of the consumer. The layout of the sub station, the equipment installed must meet the specifications, design and standards as approved by the **MEPCO**. The equipment may be supplied by the **MEPCO** on payment. However, for such facilities, the responsibility of the **MEPCO** shall only be up to the metering point (interconnection point).

For such installation, the consumer shall provide land / space for the lines which will extend to and from the sub station and obtain consents, way-leaves and authorizations pertaining to the right of way.

11.4 CONSUMER OWNED GRID STATION

Consumer of category V (for supply at 66-KV and above) shall at their own sole risk and expense, furnish, install and maintain in good and safe condition all electrical wires, lines, machinery and apparatus of any kind or character which may be required for:

- a) Receiving electrical energy from the **MEPCO** / NTDC system; and
- b) Utilizing such energy, by installing step down transformer and all other allied accessories and equipment including protection devices at the consumer premises.
- c) The consumer will be responsible for the payment of construction charges and all costs associated with line extensions payable as per provision laid down in the Consumer Eligibility Criteria.

- d) The design of the station shall conform to **MEPCO** / NTDC design practices, guidelines and applicable safety codes.

11.5 **Metering Equipment and Installation Requirement**

- a) Meter installation shall comply with Pakistan Standard Institute (PSI) or International Electric Technical Commission (IEC) standard or Standards developed / adopted by **MEPCO**.
- b) The **MEPCO** shall determine the location and method of installation for all metering equipment as provided in the distribution code, Grid Code and related manuals.
- c) Whenever any electrical wiring is modified, new metering equipment complying with these service requirement shall be used, except when in the opinion of the **MEPCO** the existing metering equipment is satisfactory and adequate to register all energy to be supplied.
- d) Line side (unmetered) conductors and load side (metered) conductors are prohibited from occupying the same enclosure.

11.6 **GROUNDING SYSTEM**

As defined in Distribution Code, Grid Station, Grid Code and the PSI wiring Regulations, proper neutral and protective earthing / grounding system shall be installed by the consumer and checked by authorized representative of **MEPCO** and NTDC.

11.7 **FIRE EXTINGUISHERS**

Suitable fire extinguishers shall be provided and maintained by the owner of agency to meet with any hazardous situation.

CHAPTER 12

SAFETY AND SECURITY

12.1 GENERAL

In order to prevent accidents which may result in injury or death, or damage to public or **MEPCO** property, the consumers shall abide by the general safety requirement of the "Safety Code".

MEPCO shall take all the safety and security measures to avoid fatal / non fatal accidents. The consumer shall be educated through all possible means to observe safety measures in order to abide any casualty especially during the monsoon season.

12.2 OBLIGATIONS OF MEPCO

MEPCO / NTDC shall monitor and implement the safety and security plan for consumers. The safety and security objectives can be achieved by adopting good engineering practice, including the following measures.

- a) Operation and maintenance of **MEPCO's** electrical distribution system / Network shall be carried out only by the **MEPCO's** authorized and trained personnel.
- b) The **MEPCO's** system equipment, including overhead lines, poles/structures/Towers underground cables, transformers, panels, cutouts, meters, service drops, etc. shall be installed and maintained in accordance with good engineering and utility practice.
- c) To ensure proper operation of the **MEPCO's** network under abnormal conditions (short-circuit, overloading, etc.) appropriate protective relays shall be installed and properly coordinated.
- d) The earthing systems installed shall be dimensioned and regularly tested to ensure protection from fire and shock hazards.
- e) The steel structure installed on the public places shall be earthed at ONE point through steel/copper conductor, in accordance with the **MEPCO's** laid down procedures.

12.3 OBLIGATIONS OF THE CONSUMER

The consumer is responsible to monitor and implement safety and security standards within his own premises. The safety and security objectives can be achieved by adopting good engineering practice, including the following measures:

- a) No matter how small, electrical installations, including earthing system, must be designed, installed and maintained by competent Electrical Engineers and /or licensed electrical contractors, which must be inspected and certified by an Electric Inspector as per terms and conditions laid down in ECR-2003.
- b) Writing material and electrical equipment installed must conform to the approved relevant standards and be of a good quality.
- c) For the protection of the consumer, it is necessary that electrical installation at the consumer's premises conform to the rules established by the **MEPCO** and approved by the Authority as per the terms and conditions of the Eligibility Criteria, Performance Standards (Distribution) Rules, 2005, Distribution Code, Safety Code and Grid Code.
- d) No additions, alterations, repairs and adjustments to existing installation. (except such replacement of lamps, fuses, switches, low voltage domestic appliance and

fittings as in no way alter the capacity and the character of the installation), shall **be** carried out within a consumer's premises, except by a licensed electrical contractor.

- e) In case of fatal electrical accident to a person, an immediate report shall also be made to the nearest police station and to the **MEPCO's** Complaint Centre/ NTDC.
- f) Any consumer committing a breach of procedures / rules outlined above shall render himself liable for disconnection of his electric power and punishment with punitive damages.

12.4 **SOME USEFUL SAFETY TIPS**

Electricity, while being a very useful and convenient form of energy, has a number of hazards, and consumers would be wise to treat electrical installation with respect.

The following tips shall be kept in mind:

- a) Hazardous conditions on utility systems shall be monitored and immediately reported to the **MEPCO**:
 - i) Damaged or faulty insulators.
 - ii) Burns on conductors, insulator pins, or metal-work.
 - iii) Damaged cross – arms on poles / structures / towers.
 - iv) Broken strands or wires on overhead conductors, or fallen wires.
 - v) Uneven sagging of lines.
 - vi) Leaning or damage to poles / structures / towers.
 - vii) Branches of trees interfering with overhead conductors
 - viii) Loose stay – wires
 - ix) Construction of new roads, buildings, or other structures near the line.
 - x) Damaged or faulty transformer structures, including oil leakages
 - xi) Leakage of currents in poles and other structures / tower.
 - xii) Unsafe working practices by employees.
- b) RCDs (Residual Current Devices), also called Earth-Leakage Circuit Breakers (ELCBs), Ground-Fault Circuit Interrupters (GFCIs) are extremely sensitive circuit breakers that can prevent fires and shocks in electrical installations. Obtain specialist advice on their installation at appropriate locations in your electrical system.
- c) Electricity is more dangerous in the presence of water. During rains, near swimming pools, tanks or other water bodies, in laboratories, on construction site, for temporary functions/weddings, etc., special care must be taken to use proper wiring and protective equipment, especially RCDs. Such installation needs to be inspected on a regular basis.
- d) Use proper circuit-breakers in preference to re-wireable fuse cut-outs.
- e) Metallic and chemical string must not be used for kite flying as it poses serious danger to life and damages electricity installation.
- f) Safety clearance from electricity conductors and equipment (e.g. hazardous extension of balconies at the upper of houses in mohallas which comes close proximity of electric lines) must be maintained to avoid electrocution.
- g) Animals must not be tied to poles/structures/ towers of electricity lines in order to avoid accidents / electrocutions.

CHAPTER NO. 13

EFFICIENT USE AND CONSERVATION ELECTRIC POWER

13.1 General

MEPCO shall take steps towards improving the quality and reliability of electric service to maximize the value of the energy that is used and to increase the sale of power.

Electricity adds to the quality of life, hence it makes good sense to use it wisely. Consumer are advised to be “energy smarts”

ENERGY EFFICIENCY AND ENERGY SAVINGS

The use of present day technology boots the efficiency of energy systems – such as the super efficient compact fluorescent lamps. This revolutionary yet reliable bulb yields the same pleasing light as a conventional incandescent while consuming less electricity.

There are many other proven ways to maintain and operate energy system to same energy costs all the time, many of which are at low or no cost.

- a) Many of quickest and easiest ways to same energy also cost little or nothing. In fact, a lot of energy savings can be achieved by doing the following:
 - i) Turn off lights when not needed.
 - ii) Remove unneeded light bulbs.
 - iii) When replacing bulbs, use low wattage or more efficient ones.
 - iv) Reduce air conditioning thermostat setting.
 - v) Reduce air conditioning during unoccupied hours.
 - vi) Reduce air conditioning before the end of operating hours.
 - vii) Have the ventilating and air conditioning systems serviced and adjusted.
 - viii) Turn off machines and equipment when not needed.
 - ix) **Make** sure all automatic controls are in good working condition and are set properly.
 - x) Ensure all motive machinery is properly lubricated and maintained.
- b) The following steps may be **read** carefully:
 - i) **Find out last year's energy use and cost.** Twenty to thirty percent savings may be possible with little effort.
 - ii) **Do an energy “audit”.** Take a good look at how and where you use – and waste – energy.
 - iii) **Get some expert help with the audit if needed.**
 - iv) **Ask friends for their ideas and listen to their concerns about health and comfort.** They should be fully involved in energy management efforts.
 - v) **Decide the top priority things to do.** Include them in energy action plan.

- vi) **Do them – with outside help if needed.** The sooner a start is made, the better savings are made.
- vii) **Keep a record of savings.** See if what has been done is working and how much being saved.

13.3 LIGHTING

Lighting energy can be wasted in several ways, such as;

- a) **Inefficient light sources** – when the lamp or fixture is inefficient in converting electricity to light, using more watts (units of electric power) than necessary to produce the lumens (units of light output):
- b) **Illumination losses** – when dirt or some other obstruction blocks some of the light; or when the light source is too far away from what **you** want illuminated;
- c) **Over lighting** – when more light is used than is needed; when a “free” source such as day light is not used; and when lights are on, for no reason (e.g. when no one is present).
- d) **Three major ways to save.**
 - i) Turning lights off when they are not needed.
 - ii) Reducing light levels wherever you have more light than you need;
 - iii) Installing more efficient lighting or controls.

13.4 INFORMATION ABOUT BENEFITS OF SAVING ELECTRIC POWER

MEPCO shall provide sufficient information to the consumers to make them aware of the benefit of efficient use and saving of electric power which in turn would result in savings to the utility. **MEPCO** shall publish pamphlets or make advertisements or issue handbills from time to time for the education of consumers with regard to efficient use and saving of electric power.

MEPCO shall inform consumers about energy efficiency opportunities by way of “information inserts” included in monthly bills.

13.5 MONITORING USE OF ENERGY

The consumer shall be educated and encouraged to prepare the figures of months energy bills for the last calendar year and this year by collecting from the monthly bills and recording in the table given below. Comparison of these figures on monthly basis shall give the “baseline” for making efforts for potential savings. In this way, keeping in view all the suggestions for saving and keeping a strict watch on the energy consumption, some fruitful results are achievable and it will be observed that energy management efforts actually do pay off.

TABLE FOR CONSUMPTION OF ELECTRICITY

MONTH	ELECTRICITY USE			ELECTRICITY COST		
	LAST YEAR	THIS YEAR	% DIFF-ERENCE	LAST YEAR	THIS YEAR	% DIFF-ERENCE
January						
February						

March						
April						
May						
June						
July						
August						
September						
October						
November						
December						
Total						

13.6 GENERAL TIPS-INDUSTRIAL OPERATIONS

2) Saving energy makes good business sense

Many companies think of energy as a fixed overhead but saving energy is actually one of the easiest ways to reduce costs and improve your reputation.

a) **Save money**

Simply by switching machines off after use , or turning the cooling / heating down as per weather requirement, you can make real savings on your energy bill. And just reducing it by 20% could add the same amount to your profits as a 5% increase in sales.

b) **Office better value to your customers**

Cutting your overheads means production costs will go down making your products and services more competitive.

c) **Here are some tips specifically for manufacturing / or industrial processes, to help you save energy in key areas:**

(i) **Motors**

Keep you motor maintained / extend your motors operating life.

If motor is not working at its most efficient, it can add 5% or more to your energy costs. So make sure your motors are always well maintained. Also check that voltage is balanced on all phases.

Use high efficiency motors

When you next change your motor, replace it with a Higher Efficiency Motor. Also consider the induction of Variable Speed Drive if favorable.

Don't keep motors running with an empty load

Always check that motors are switched off when don't need them, as even an empty motor uses 40% of the full load power.

(ii) **Compressed air**

Find and fix leaks

Most business using compressed air can save upto 30% simply by fixing any leaks.

Try to lower the operating pressure

Reducing it by just 1 bar (15psi) will save about 7% the energy.

Ensure there is a good supply of cool air around the compressor

This will ensure it doesn't get overheated and use more energy than necessary.

iii) Refrigeration

Keep freezer doors closed

On an average, it will cost you Rs.1/= every day a freezer door stays open.

Ensure your system is at the right temperature

If it's even 1°C lower than needed, your costs could rise by 2 to 4%

Don't let the condensers get overheated

Make sure they are located in a place with sufficient airflow

Don't put too much refrigerant charge in

If it leaks it can increase your energy costs by over 10%

iv) Improve heating operation systems

By checking burner air to fuel ratios and the heat transfer surfaces.

v) Improve pumping operation systems

By matching the pumps to system requirements.

13. SUGGESTION AND RECOMMENDATIONS

a) Form an Energy Team

Energy teams in manufacturing facilities track and report energy use, identify energy saving opportunities, develop an energy plan, and implement cost-saving measures. Energy teams typically include members from plant and process engineering, maintenance engineering, procurement and production. Any energy team will enjoy greater success with support and involvement from senior managers, who can remove barriers and commit resources to projects.

b) Objective of energy team:

Performing a formal energy assessment is one of the best ways that your team can develop a cost-effective plan to lower plant energy costs.

The energy assessment team (which sometimes include experts in energy management and troubleshooting) works both during and after the assessment process to

- i) Evaluate all of the industrial systems to calculate how and where your plant uses energy
- ii) Help find opportunities to increase efficiency,

- iii) Determine potential upgrades and emerging technologies that might work or your plan, and
- iv) Implement cost-saving measures.

c) Employee Involvement

Emphasis will be given on the employee's involvement by educating and encouraging them to follow the tips like:

- i) Turn off lights, when leaving work areas
- ii) Report leaking faucets, lavatory fixtures, piping etc.
- iii) Keep windows and outside doors closed, if air conditions are in use.
- iv) Leave thermostats at a constant setting to avoid forcing the system OFF on ON.
- v) Turn off all tools and portable appliances when not in use,
- vi) Assign responsibility for turning off designate items to specific employees

d) RECOMMENDATIONS

- i) Install power factor correction capacitors
- ii) Turn OFF equipment when not in use
- iii) Begin a practice of monitoring electric demand
- iv) Repair compressed air leaks
- v) Redirect air compressor intake to use outside air
- vi) Lower air pressure in compressors
- vii) Repair steam valve leakages
- viii) Install water cooled chillers instead of replacing air cooled chillers
- ix) Installed Speed controllers on twisting machines
- x) Replace standard fluorescent lighting with energy efficient tubes
- xi) Reduce luminance to minimum required levels via delamping.
- xii) Install timers on lighting systems, where necessary

CHAPTER 14

RIGHTS AND OBLIGATIONS VIS-A-VIS CONSUMER AND MEPCO

14.1 Assess to the Consumer's Premises

A duly authorized employee of the **MEPCO** shall be entitled at all reasonable times, and on informing the occupier of his intention (after giving a notice of clear 3-days), to enter the premises to which energy is or has been, or is to be supplied by the **MEPCO**, for the purpose of:.

- a) Examining, inspecting and testing the electric supply lines, meters, maximum demand indicators or other measuring apparatus, electric wires, fittings, works or and apparatus for the supply or use of energy, whether belonging to the **MEPCO** or to the Consumer, or.
- b) Ascertaining the amount of energy supplied or the electrical quantity contained in the supply or the apparatus, or.
- c) Removing, where a supply of energy is no longer required, or where the **MEPCO** is authorized to take away and cut-off such supply, any electric supply lines, meters, maximum demand indicators or other measuring apparatus, fittings, works, apparatus belonging to the **MEPCO**, or.
- d) Along all other things necessary or incidental to the proper supply or maintaining such supply to the consumer's premises

14.2 Facilities To Be Provided By The Consumer

- a) The **MEPCO** authorized staff member has access to meters, service connections and other property owned by it which may be located in consumer's premises for purposes of installation, maintenance, operation or removal of the property at the times service is to be terminated.
- b) The consumer's utility system shall be open for inspection to authorized representative of **MEPCO**. The consumer's failure to do so within a reasonable period of time may result in disconnection.
- c) The Consumer must provide access to all electric meters upon request for billing purpose. If a premises is unoccupied / locked, an appointment to obtain meter reading will suffice for a maximum period of three (3) months. After that, a new appointment will be required to update the readings.

14.3 Property Damage

- a) The **MEPCO** is not responsible for any loss or damage caused by any negligence or wrongful act of a consumer or his authorized representative in installing, maintaining, operating or using any or all appliances, facilities or equipment.
- b) The consumer will be held responsible for damage to **MEPCO's** meters and other property or facilities resulting from the use or operation of appliances and

facilities on consumer's premises, including but not limited to damage caused by electricity, steam, hot water or chemicals.

- c) If a consumer, new applicant, developer or other person is found to be responsible for any damage done to the **MEPCO** property; such damages shall be reimbursed to the **MEPCO**.

14.4 **Liability of The Consumer for Damage to the MEPCO Apparatus**

- a) The consumer shall be solely responsible for and shall pay for any loss of, or damage to, any electric supply lines, meters and/or other apparatus belonging to the **MEPCO** and in use of the consumer for supply of energy purpose, whether caused maliciously or through negligence or default on the part of the consumer or any of his employees, or whether arising out of fire, theft or any other cause beyond the control of the **MEPCO**, always excepting reasonable wear and tear and loss or damages arising out of defects in the aforesaid electric supply lines, main fuses, meters and / or other apparatus belonging to the **MEPCO** on the consumer's premises.
- b) Provided that the liability of the consumer for the cost of resealing any metering equipment or other apparatus belonging to **MEPCO** on the consumer's premises shall be as prescribed in the **MEPCO** Schedule of General Charges in force time to time.

14.5 **Right of way**

The right of way shall be as per the terms and conditions set in the Eligibility Criteria

14.6 **Failure of Supply Due to Force Majeure**

The **MEPCO** shall not be liable for any claims for loss, damages or compensation whatsoever, arising out of failure of supply when such failure is due to force majeure, as defined in the Performance Standards (Distribution) Rules, 2005.

14.7 **OBLIGATIONS OF CONSUMERS**

a) Interference with Service

- i) Consumer who operate equipment which causes detrimental voltage fluctuations (such as but not limited to, hoists, welders, x-ray apparatus, radio transmitter, elevator motors, compressors and furnaces) must reasonably limit such fluctuations upon request by the **MEPCO**. The Consumer will be required to comply with the necessary corrective measures.
- ii) Separate service is required for x-ray units over 5 KVA, welder units over 3 KVA, radio transmitter and resistance welders.
- iii) The **MEPCO** may require the consumers to provide, at their own expense, special furnace type transformers and reactors and capacitors sufficient to limit secondary short circuit current values to 200% of full load value. In such cases, the **MEPCO** shall furnish energy at 11 KV

- iv) The consumer should also make arrangement to filter out or prevent harmonic distortions traveling onto/interfering with the **MEPCO**'s system.

14.8 **POWER FACTOR**

The **MEPCO** encourages consumer to maintain a power factor of at least 90% to avoid penalties.

14.9 **Consumer Obligation To Remedy**

Consumer must use their best endeavors to abide any non-compliance of this Manual within the time period specified in any notice of not compliance sent by **MEPCO**.

14.10 **Disconnection of Supply for Non Compliance**

- a) **MEPCO** may disconnect supply to a consumer if,
- b) The consumer has not fulfilled an obligations to comply with this manual
- c) The **MEPCO** has given the consumer 7 business days' written notice of disconnection (such notice to be in addition to the notice already given); and
- d) The consumer fails to comply with the notice.

CHAPTER 15

VIOLATION OF INSTRUCTIONS

- 15.1 The distribution Company shall ensure that it complies with the provision of the Consumer Service Manual while dealing with consumer complaints. The Consumer Service Manual shall be treated as an applicable document as defined in Chapter 1. In case the consumer / complainant is not satisfied with the response / decision of the distribution company or the distribution company does not reply at all, the consumer shall have the following options.
- 15.2 The consumer may file a complaint with Provincial Office of Inspection in respect of metering, billing and collection of tariff applicable under section 38 of the NEPRA Act; or.
- 15.3 under section 39 of the NEPRA Act, any consumer / interested person, including a Provincial Government may file a written complaint with Consumer Affairs Division at NEPRA. The complaint shall be processed under the NEPRA Complaint Handling and Dispute Resolution (Procedure) Rules, 2009 and the decision thereon shall be passed. The distribution company shall comply with orders/ decision / instructions as may be passed by the Authority with regard to the complaint which shall be enforced under the laws/rules.

MEPCO IMPORTANT TELEPHONE NUMBERS

Name of Officer	Designation	City Code	Office	Official Mobile Nos.
CHIEF EXECUTIVE OFFICER				
Abdul Mateen Khan	Chief Executive Officer	061	9210333	0345-4401111
GMs / CHIEF ENGINEERS				
-	GM (Technical)	061	9210006	0345-2118999
Aslam Tahir	GM (Operation) Temporary Charge	061	9210282	0345-4772222
Shahbaz Ahmed Khan	CE (Development)	061	9210377	0345-2110999
Saeed Ahmed Nasir	CE / Customer Service Director	061	9210338	-
Abdul Rashid Tariq	Chief Engineer/(Op) T&G	061	9220186	0345-2068999
Ch. Muhammad Arshad	Chief Engineer (P & E)	061	9210348	0345-2118999
Aslam Tahir	Chief Engineer (O&M)	061	9210335	0345-1912999
POWER CONTROL CENTRE				
Asghar Langa	Incharge (MPCC)	061	9220315	0345-8189079
Shah Nawaz Khan	Assistant Manager	061	9220315	0345-8189195
Muhammad Ali	Assistant Manager	061	9220315	0345-8189196
Kamil Khan	Assistant Manager	061	9220315	0345-8189180
Aftab	APRO	061	9220315	0345-8189197
For Complaints/ Inquiry	061-9220312-14 061-9220316-17	9220319-25		
MULTAN CIRCLE (Fax 061-9210376)				
Malik Saeed Ahmed	S.E. Operation	061	9210379 9210376	0345-8540103
Muhamamd Rafique Kanwal	Dy: Director (Technical)	061	9220198	0345-8540104
XEN CANTT (Fax No. 9210377)				
Akram Bhatti	XEN Cantt Multan	061	9200520 9200956	0345-8540109
Malik Suleman Saeed	SDO Cantt Multan	061	9239250 4545030	0345-8540193

Faizal Mumtaz Qurashi	SDO Nawan Shehar MTN	061	9239443 9200797	0345-8540195
Arshad Muneer	SDO Hasan Perwana	061	9239589 9239397	0345-8540196
Irfan Siddiqui	SDO I/Estate Multan	061	9239002 9239003	0345-8540197
Muhammad Arif	R.O. Cantt Multan	061	9200967	0345-8540190
XEN MUMTAZABAD (061-6774374)				
Malik Javaid Iqbal	XEN Mumtazabad	061	9220195 6774374	0345-8540113
Kazim Hussain Awan	SDO Mumtazabad	061	9239146 9239147	0345-8540201
Hafiz Sohaib	SDO Manzooraabad	061	6780103 6780104	0345-8540202
Rana Razzaq	SDO New Multan	061	6780195- 96	0345-8540203
Muhammad Tanveer Akthar	SDO Shah Rukan-e-Alam	061	6771300 6772250	0345-8540206
Rana Tanveer	SDO Ghalla Mandi	061	4233922- 6525152	0345-8540207
Qamar u Zaman	SDO Gulberg	061	9220233 9220234	0345-8540208
Masood Ahmed Qurashi	SDO Makhdoom Rasheed	061	9220197 9220196	0345-8540210
Asad Hamad	R.O. Mumtazabad	061	9220194 9220193	0345-8540199
XEN CITY (061-4586578)				
Rana Abdul Sattar	XEN City Multan	061	4588767 4586578	0345-5542777
Kh. Hafeez-ul-Allah	SDO City Multan	061	9239946 9200558	0345-8540212
Ghulam Mohay-ud-Din	SDO Willayatatabad	061	9239012 9239408	0345-8540213
Saqib Imran	SDO Pak Gate	061	9200898 9200982	0345-8540215
Saleem Gujjar	SDO Garden Town	061	9239520 6536644	0345-8540217
Irshad Hussain Sial	R.O. City Multan	061	9239100	0345-8540211
	Compl. Centre City S/D (P/G)	061	9200558	-
XEN KHANEWAL (065-9200025)				
Khalid Nazir	XEN Khanewal	065	9200020	0345-8540152
Faheem Akram LS-I	SDO Khanewal-I	065	9200023	0345-8540220
Ameer Abbas	SDO Khanewal-II	065	9200024	0345-8540224
Muhammad Kamran	SDO Civil Lines KWL	065	9200029	0345-8540224

Nasrullah Khan Nasir	SDO Jahanian-I	065	2210972 2211218	0345-8540225
Abdul Rehman	SDO Jahanian-II	065	2211872	0345-8540226
Abdullah Shah Kazmi	R.O. Khanewal-I	065	9200026- 27	0345-8540218
--	Compl. Center Khanewal	065	9200302	-
XEN MIANCHANNU (Fax No. 2661427)				
Kanwar Javed Iqbal	XEN Mianchannu	065	2661636	0345-8540153
Rana Ishtiaq Ahmed	SDO M/Channu-I	065	2661639	0345-8540231
Muhammad Yousaf	SDO M/Channu-II	065	2660739	0345-8540232
Faisal Zafar	SDO Abdul Hakim	065	2441032 2442543	0345-8540233
Shakeel Ahmed	SDO I/Estate M/Channu	065	2662639	0345-8540234
Zahid Qurban	R.O. Mian Channu (Acting)	065	2665720	0345-8540227
--	Compl. Center M/Channu	065	2663922	-
XEN SHUJABAD (Fax No. 4396057)				
Rahim Bux Sial	XEN Shujabad	061	4396055	0345-8540180
Rehan Ali Chohan	SDO Shujabad	061	4396056	0345-8540238
Mumtaz Ali Solangi	SDO Sikandarabad	061	4396856	0345-8540246
Aziz ur Rehman	SDO Jalal Pur Pirwala	061	4210538	0345-8540247
Izhar Ul Haq	SDO Ali Pur Sadaat	061		0345-8540249
Muhammad Sarwar	R.O. Shujabad	061	4396650	0345-8540235
XEN MOUSA PAK (Fax No. 6524545)				
Mushtaq Athangal	XEN Moosa Pak	061	6213044 6524545	0345-8540181
Imran Umer Lodhi	SDO Gulgasht Multan	061	9210151	0345-8540258
Shahid Iqbal	SDO Shamas Abad MTN	061	4547795 9239750	0345-8540257
Taj Mahmood Qamar	SDO Hasanabad Multan	061	6781952 6782890	0345-8540259
Baber Ali Sarwar	SDO Bosan Road MTN	061	9210152	0345-8540260
Muhammad Javaid Akthar	R.O. Moosa Pak	061	9239527	0345-8540250
XEN KABIRWALA (Fax 065-2400708)				

Iqbal Khan Pahor	XEN Kabirwala	065	2400709	0345-8540182
Meher Nawaz	SDO M/Pur Poharan	065	2411809	0345-8540264
Irfan Yaqoob	SDO Kabirwala	065	2410509 2411993	0345-8540261
Tariq Mehmood	SDO Kacha Khuh	065	2610888	0345-8540266
Faraz Ahsan, LS-I	SDO Sira-e-Sidhu	065	2445000	0345-8540262
Ghulam Abbass Bajwa	R.O. Khanewal-II	065		-
D.G KHAN CIRCLE (Fax 064-9260240)				
Wazir Ahmed Sheikh	S.E. Operation D.G.Khan	064	9260229	0345-8560350
Bashir Ahmed	Tech: Officer	064	9260235	0345-8560351
Muhammad Rafique Ahmed	Addl: Director (DCM)	064	9260390	0345-8560352
D.G.KHAN-I DIVISION (Fax 064-9260232)				
Mahar Khuda Bukhsh	XEN-I D.G.Khan	064	9260231	0345-8560353
Ghulam Sarwar Shaheen	AM(CS Ist)	064	9260237	0345-8540183
Abdul Latif	SDO- I D.G.Khan	064	9260236	0345-8560359
Suleman, LS	SDO-II D.G.Khan	064	9260236	0345-8560360
M. Hanif	SDO Quetta Road	064	9239175	0345-8560362
Fahad Shunail	SDO Kot Chutta	064	2000915	0345-8560361
Abdul Karim	SDO Shah Sadar Din	064	9260452	0345-8560376
TAUNSA DIVISION (Fax - 064-2601453)				
Imran	XEN Taunsa	064	2601494	0345-8580356
Tariq Farooq Ghilzai	RO Taunsa	064	2602494	0345-8560367
Iqbal Qaisrani, LS	SDO Taunsa	064	2602947	0345-8560370
Rahmat ullah	SDO Vehova	064	2524149	0345-8560373
RAJANPUR DIVISION (Fax 0604-688496)				
Atta Ullah Bhutta	XEN Rajanpur	0604	688687	0345-8560355
Sarwar Shaheen	R.O. Rajanpur	0604	688756	0345-8560363
Muhammad Sharif	SDO Rajanpur	0604	689040	0345-8560364

Fayyaz Ahmed Khokhar	SDO Kot Mithan	0604	317558	0345-8560365
Abdul Waheed Larik	SDO Jampur	064	2005035	0345-8560374
Saqib Suleman	SDO Fazilpur	0604		0345-8560366
Khan Muhammad	SDO Gulshanabad	064		0345-8560375
Shahbaz Ahmed LS-I	Rojhan Sub-Office	0604	610153	-
VEHARI CIRCLE (Fax 067-3362804)				
Mahmood Ahmed Khan	S.E. Operation Vehari	067	3363209	0345-8280260
Rehmat Ullah	XEN (Tech)	067	3364030	0345-8280261
Mir Hassan Pathan	DCM	067	3360282	0345-8280263
VEHARI DIVISION (Fax 067-3411457)				
Sajid Hussain Gondal	XEN (OP) Vehari	067	3361396 3364696	0345-8280264
Ahmed Bux	AM (CS)	067	3365917	0301-6907471
Ejaz Hussain, LS	SDO City Vehari	067	3365914	0345-8280273
Muhamamd Nawaz	SDO Faisal Town Vehari	067	3364196	0345-8280274
Kamran Azeem	SDO Ludden	067	3691396	0345-8280276
Tariq Jameel	SDO Thingi	067	3365214	0345-8280275
BUREWALA DIVISION(Fax 067-9200023)				
Malik Ashfaq Ahmed	XEN Burewala	067	9200021	0345-8280265
Jamal-ud-Din	AM (C.S)	067	9200029	0345-8280279
Rashid ur Rehman LS	SDO City (Addl: Charge)	067	9200024	0345-8280287
Rana Nazar Hussain	SDO Satellite Town	067	9200025	0345-8280281
Ghulam Rasool Sukhera	SDO Azim Abad	067	9200026	0345-8280284
Shahid Iqbal, LS	SDO Madina Town	067	9200027	0345-8280285
Bashir Ahmed Thiraj	SDO Haji Sher (Sahuka)	067	9239006	0345-8280286
MAILSI DIVISION (Fax 067-3411457)				
Sheikh Muhammad Sharif	XEN (Op)	067	3751158	0345-8280268
Khushi Muhammad	AM (CS)	067	3751168	0345-8280288

Akram Javed	SDO-Ist Mailsi	067	3412148	0345-8280292
Qaiser Izhar	SDO-2nd Mailsi	067	3412158	0345-8280292
Nasir Mahmood	SDO Sardarpur	067	3411967	0345-8280294
Irfan, LS	Tibba Sultan	067	3692196	0345-8280293
BAHAWALPUR CIRCLE (Fax 062-9250113)				
Fazalullah Durani	S.E. Operation Bahawalpur	062	9250109	0345-1201581
M. Iftikhar Ajmal	Tech: Officer	062	9250090	0345-1201582
Muhammad Rafique Abid	XEN (Commercial)	062	9250113	0345-1201583
BAHAWALPUR CITY DIVISION (Fax No.9250113)				
Jamil-ur-Rehman	XEN Bahawalpur	062	9250111 9250287	0345-1201584
Habib Ahmed Arzu	AM(CS)	062	9250116 9250277	0345-1201631
Muhammad Saqib	SDO BWP Abbasia	062	9250106	0345-1201594
Kh. Niaz Ahmed	SDO S/Town	062	2280118	0345-1201596
Zaka ur Rehman Nasir	SDO Baghdad-ul-Jadid	062	2284419	0345-1201598
Muhammad Shahzaman	SDO Yazman	062	2702365	0345-1201597
MODEL TOWN DIVISION (Fax No.9250485)				
Jam Gul Muhammad Zahid	XEN Model Town	062	9250385	0345-1201588
Hidayat Hussain	AM(CS)	062	9250222	0345-1201630
Allah Warayo	SDO Model Town	062	9255239	0345-1201633
Abdul Rauf Sanghaira	SDO Khangah	062	2870751	0345-1201589
Mian Abdul Jabbar	SDO Shahdrah	062	9255242	0345-1201634
M. Aamir Ansari	SDO Satluj	062	9250499	0345-1201636
HASILPUR DIVISION				
M. Iqbal Khan Joiya	XEN HasilPur	062	2443377 2441177	0345-1201590
Aftab Ameen	SDO Hasilpur	062	2443915 2442112	0345-1201637
Rehan Yousaf, LS	SDO Mukhtarabad	062	2449183	0345-1201638
Muhammad Hashim LS-I	SDO K.P Tamewali	062	2261787	0345-1201639

Habibullah Khan	SDO Qaimpur	062	2440020	0345-1201641
Mushtaq Ahmed Shahid	AM (CS)	062	2449977	0345-1201593
LODHRAN DIVISION (Fax 0608-9200160)				
Rana Muhammad Ayub	XEN Lodhran	0608	9200151	0345-1201586
Agha Hussain Jaffery	AM(CS)	0608	9200157 9200158	0345-1201604
Moshin Nazir	SDO Lodhran (Urban)	0608	9200155	0345-1201605
Aamir Rasheed	SDO Lodhran (Rural)	0608	9200154	0345-1201607
Elahi Buksh	SDO Dunya Pur	0608	304629	0345-1201614
Riaz Hafeez LS-I	SDO Khehror Pacca-I	0608	342943	0345-1201613
Muhammad Saleem	SDO Khehror Pacca-II	0608	342941	0345-1201615
Muhammad Ali Tunio	SDO Basti Malook	061	4250738 4250538	0345-1201608
AHMAD PUR EAST DIVISION (Fax 062-2274439)				
Abdul Mannan Mangi	XEN Ahmed Pur East	062	2271323	0345-1201587
Zahid Khan (C/Suptd.)	AM(CS)	062	2273372	0345-1201625
Arif Bhatti	SDO Ahmedpur Rural-II	062	2271229	0345-1201627
Subhan Ali Somro	SDO Ahmedpur-I	062	2271816	0345-1201626
Muhammad Hayyat Toniyo	SDO Uch Sharif	062	2551841	0345-1201628
Muhammad Jameel	SDO Head Rajkan	062	2781777 2781778	0345-1201629
RAHIM YAR KHAN CIRCLE (Fax 068-9230159)				
Muhammad Dilshad	MO R.Y. Khan	068	9230158	0345-5020821
Shehzad Habib Gul	XEN (Tech)	068	9230418	0345-5020823
Ghulam Sarwar Khan	XEN (D&I)	068	9230383	0345-5020824
RAHIM YAR KHAN DIVISION (Fax: 068-9230147)				
Zafar Ali Abbassi	XEN Division R.Y.K	068	9230146 9230147	0345-5020826
Amanullah Kashif	AM (CS)	068	9230148	0345-5020853
Faisal Korai	SDO City	068	9230150 9230118	0345-5020833
Asim Rasheed	SDO S/Town	068	9230155	0345-5020834

Shamsul Haq Shaikh	SDO G/Iqbal	068	9239023	0345-5020835
Muhammad Ishaq	SDO Chowk Bahadar Pur	068	9230376	0345-5020837
Malik Ghulam Fareed	SDO Jinnah R.Y.Khan	068	9230366	0345-5020836
KHANPUR DIVISION (Fax: 068-5574111)				
Abdul Hafeez Bhatti	XEN(OP)	068	5572150	0345-5020827
Mohammad Arif	AM (CS)	068	5572153	0345-5020839
Wazir Ali	SDO City Khanpur	068	5572151	0345-5020840
Tariq Aziz Memon	SDO Rural Khan pur	068	5572152	0345-5020841
Fayaz Qurban	SDO Kot Samaba	068	5566123	0345-5020844
Mohammad Afzal Joiya	SDO Zahir Pir	068	5562210	0345-5020845
-	SDO (M.Wali Qurashian)	068	5565210	0345-5020843
LIAQAT PUR DIVISION (FAX 068-5795174)				
Mr.Khursheed Ahmed	XEN (OP) Liqaut pur	068	5795173	0345-5020828
	AM (CS)	068	5792173	0345-5020853
Hamid Ali	SDO City Liaquat Pur	068	5795172	0345-5020846
Irfan Manzar	SDO Feroza	068	5581210	0345-5020851
Sajjid Salahuddin	SDO Khan Bella	068	5570376 5017789	0345-5020847
Abdul Manan	SDO (Allabad)	068	5795176	0345-5020849
SADIQ ABAD DIVISION (Fax 068-5801899)				
Khizar Dawood Awan	XEN (OP) Sadiq Abad	068	5801900	0345-5020829
	AM (CS)	068	5801700	0345-5020831
Insaf Ali Brohi	SDO Jamal Din Wali	068	5672324	0345-5020856
Mumtaz Ali	SDO City Sadiqabad	068	5703918	0345-5020854
Abdul Aziz Sheikh	SDO Satellite Town	068	5703919	0345-5020855
Iqbal Hussain Bhuttu	SDO A.P. Lamma	068	5700559	0345-5020857
MUZAFFARGARH CIRCLE (Fax 066-9200066)				
Rao Zia-UR-Rehman	SE (OP)	066	9200064 9200065	0345-5576030

Nazir Ahmed Gopang	Technical Officer	066	2427778	0345-5576031
Wakeel Ahmed Nadir	D.C.M	066	9200063	0345-5576032
MUZAFFAR GARH DIVISION (Fax 066-9200054)				
Nasir Ayyaz Gurmani	XEN (O) Muzaffargarh	066	9200052 9200053	0345-5576040
Muhammad Hussain	Asstt: S.E (CS)	066	9200055	0345-5576041
Furkhan Zakariya	SDO 1ST Muzaffar Garh	066	9200351 9200352	0345-5576042
Khalid Hussain	SDO 2nd Muzaffar Garh	066	9200056	0345-5576043
Ghulam Raza LS-1	SDO Khan Garh	066	2610215 2610635	0345-5678047
Raja Arif	SDO Shah Jamal	066	2470300	0345-5576046
Naveed Shaiekh	SDO Karam Dad Qureshi	066	2450333	0345-5576046
ALI PUR DIVISION				
Malik Yaqoob Ahmed	D.M.O Alipur	066	2700380 2700381	0345-5576037
Abdullah Khosa	SDO Alipur	066	2701172	0345-5576067
Nazir Ahmed, LS	SDO Jatoi	066	2591044	0345-5576072
Mahar Masood, LS	SDO Shehr Sultan	066	2620091	0345-5576071
Haji Muhammad	SDO Rohilanwali	066	2640292	0345-5676069
Muhammad Akmal LS-I	SDO KhairPur Sadat	066		0345-5576068
Rana Shafqat	AM(CS) Alipur	066	2700384	0345-5576065
KOT ADDU DIVISION (Fax 066-2243393)				
Saifullah Surani	D.M.O Kot Addu	066	2241911 2239100	0345-5576034
Izhar Ali	AM(CS) Kot Addu	066	2241912	0345-5576051
Sagheer Ahmed Goraya	SDO 1st Kot Addu	066	2242985 2242997	0345-5576049
Manzoor Ahmed Khalid	SDO 2nd Kot Addu	066	2243685	0345-5576051
Temoor Hussain	SDO Chowk Sarwar Shaheed	066	2210010 2211210	0345-5576053
Muhammad Arbi LS-I	SDO Qasba Gujrat	066	2290038	0345-5576054
Sajid Naveed Ahmed	SDO Sinawan	066	2250500	0345-5576056
LAYYAH DIVISION (Fax 0606-411195)				

Naeem Akhtar Samtia	XEN Layyah	0606	411712	0345-5576036
Rab Nawaz Tahir	AM (CS) Layyah	0606	414022	0345-5576057
Faiz Rasul Jaffer LS-I	SDO 1ST Layyah	0606	414118	0345-5576058
Anwar Ahmed Khan	SDO 2nd Layyah	0606	414027	0345-5576060
Manzoor Hussain Surani	SDO Fatehpur	0606	840307	0345-5576063
Muneer Gujjar, LS	SDO Karoor	0606	810507 810990	0345-5576062
Rafique Ahmed	SDO Chowk Azam	0606	372995 371892	0345-5576064
Tariq Ismaeel	Store S.E	0606	414070	-
SAHIWAL CIRCLE (Fax 040-9200306/9200304)				
Sarfraz Ahmed Khan	S.E. Operation Sahiwal	040	9200303	0345-3911023
Muhammad Naeem	Tech: Officer (DDT)	040	9200305	0345-3911024
M.H.Gull	DCM	040	9200304	0345-3911025
SAHIWAL DIVISION-I (Fax 040-9200309)				
Nawaz Nadeem Gujjar	XEN Sahiwal	040	9200308	0345-3911029
Ali Sher	AM CS Sahiwal	040	9200310	0345-3911030
Khalid Mahmood Kambo	SDO Civil Line (Fareed Town)	040	9200312	0345-3911038
Faiz-ul-Hassan Kazmi	SDO Kot Khadim Ali SWL	040	9200314	0345-3911040
Muhammad Amin	Qadir Abad S/Div Sahiwal	040	9200316	0345-3911041
Noman Rafique	SDO Rural Sub-Divn. SWL	040	9200313	0345-3911039
SAHIWAL DIVISION-II (Fax 040-9200309)				
Sohail Naseer	XEN Sahiwal-II	040	9200569	0345-3911042
Farhan Naseer	AM (CS)	040	4222992	0345-3911043
Abdul Rauf	SDO Sahiwal City Sub/Div.	040	9200311	0345-3911044
Abdul Rauf	SDO Multan Road	040	9200315	0345-3911045
Muhammad Rafiq	SDO Harappa	040	4468049	0345-3911046
Muhammad Sohail	SDO Shah Murad	040	4468050	0345-3911047
PAKPATTAN DIVISION (Fax 0457-373651)				

Abdul Hameed Choudhry	XEN Pakpattan	0457	371451	0345-3911063
Rana Abbas, C/Supdt.	AM (CS)	0457	374251	0345-3911064
Zulfiqar, LS	SDO P/House, Sub-Division	0457	352280	0345-3911047
Yasar Arfat	SDO Al-Farid Sub-Division	0457	374513	0345-3911065
Muhammad Iqbal, LS	SDO Noor Pur Sub-Division	0457	352625	0345-3911068
Muhammad Saeed	SDO Bonga Hayat	0457	352625	0345-3911069
ARIF WALA DIVISION (Fax 0457-830696)				
Mushtaq Ahmed	XEN Arif Wala	0457	832098	0345-3911056
Muhammad Irshad	AM (CS)	0457	831497	0345-3911057
Rao Iqbal, LS	SDO City S/Division Arif Wala	0457	832703 834121	0345-3911058
Mazoor Sabir, LS	SDO Rural Sub-Divn Arif wala	0457	832801	0345-3911059
Ghulam Mustafa, LS	Qaboola Sub-Division	0457	851703 851498	0345-3911061
Shahnawaz, LS	Sahiwal Road Arif Wala	0457	830802	0345-3911062
CHICHAWATNI DIVISION (Fax 040-5482929)				
Mahar Allah Yar	XEN Chiahawatni	040	5486929 5484929	0345-3911048
Asim Aftab	AM (CS)	040	5482929	0345-3911049
Masab Ali Saleemi	SDO City Sub-Division	040	5486906	0345-3911051
Sajjad Hussain	SDO Rural Chichawatni Addl:	040	5486908	0345-3911052
Rashid Maqbool	SDO Kassowal Sub-Division	040	5410908	0345-3911053
Khaliq-ur-Rehman	Ghaziabad S/Div	040	5486905	0345-3911054
BAHAWALNAGAR CIRCLE (Fax 063-2272543)				
Abdul Sattar Zia	SE (OP), Bahawalnagar	063	9240040	0345-5012580
Nasir Mahmood Fani	Dy: S.E Tech.	063	2273997	0345-5012582
Muhammad Hussain Gull	DCM	063	9240314	0345-5012581
BAHAWALNAGAR DIVISION (Fax 063-9240023)				
Noor-ul-Hassan Dogar	XEN B/Nagar	063	9240021	0345-5012583
Muhammad Irshad Shahid	AM (CS)	063	9240030	0345-5012588

Khalid Pervaiz	SDO B/Nagar-I	063	9240024	0345-5012590
Asad Ullah Channa	SDO B/Nagar-II	063	9240026	0345-5012591
Manoj Kumar	SDO Model Town	063	9240031	0345-5012592
Yasar Arfat	SDO Minchinabad	063	2750547	0345-5012594
Muhammad Aslam Baig	SDO Mandi Sadiq Ganj	063	2780026	0345-5012593
HAROONABAD DIVISION (Fax 063-2256043)				
Sajjad Hussain	XEN (OP)	063	2256042	0345-5012586
Zahoor Ahmed C/Supdt:	AM (CS)	063	2256046	0345-5012604
Amir Ilyas	SDO-City H/Abad	063	2250923 2251024	0345-5012606
Liaqat Saeed	SDO Muslim Colony S/D H/Abad	063	2250823	0345-5012607
Safdar Hussain	SDO Faqirwali	063	2241440	0345-5012608
Malik Younus, LS	SDO Fort Abbas	063	2510939	0345-5012609
CHISHTIAN DIVISION (Fax 063-2507309)				
Muhammad Ikram	XEN Chishtian	063	2501114	0345-5012584
Muhammad Zaid C.A	AM(CS)	063	2503999	0345-5012595
Abdul Rasheed LS-I	SDO City Chishtian	063	2501135	0345-5012598
Tanveer Abid	S/Town Chishtian	063	2508901 2500069	0345-5012607
Zafar Iqbal	SDO Dharan Wala-I S/D	063	2441500 2016795	0345-5012601
Zulfiqar Ali	SDO Dharan Wala-II S/D	063	2440101	0345-5012603