


F/A



**Islamabad Electric Supply Company  
Limited**  
Finance Directorate IESCO  
Head Office, Street-40, G-7/4, Islamabad  
Ph. 92-51-9253285-9, Fax # 92-51-9253286

No. FDI /IESCO/CPC 785

Dated: 26/07/2012

Registrar	5381
Dy. No.	
Dated	23-07-12

The Registrar  
National Electric Power Regulatory Authority  
OPF Building, 2nd Floor, Sector G-5/2,  
Islamabad.

**TARIFF PETITION FOR THE FY 2012-13 IN RESPECT OF ISLAMABAD  
ELECTRIC SUPPLY COMPANY LIMITED (IESCO) DISTRIBUTION  
LICENSES No.01/DI./2001 dated 2nd Nov.01)**

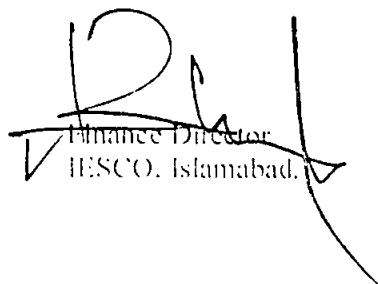
Dear Sir,

On behalf of management of IESCO, I wish to attach herewith following documents for consideration for honorable National Electric Power Regulatory Authority (NEPRA)

- 1) Tariff petition for the determination of consumer end tariff for FY 2012-13
- 2) Copy of resolution approved by the BOD, IESCO.
- 3) An affidavit as required under rule 3(8) of NEPRA Tariff Standards and Procedures Rules 1998.
- 4) 4) Cheque No. 63780484 dated 20.7.2012 amounting to Rs.708,096/-.
- 5) Standard Petition Formats for Distribution Companies.

We shall be grateful if the Authority shall give due consideration to our request while finalizing the determination for the FY 2012-13.

With Best Regards,

  
Finance Director  
IESCO, Islamabad.

Received along with Cheque of Rs. 708096/-

BEFORE  
THE NATIONAL ELECTRIC POWER REGULATORY AUTHORITY (NEPRA)

TARIFF PETITION

PURSUANT TO NEPRA (TARIFF STANDARDS AND PROCEDURE) RULES, 1998  
READ WITH THE PROVISIONS OF  
THE REGULATION FOR GENERATION, TRANSMISSION AND DISTRIBUTION OF ELECTRIC  
POWER ACT (XL OF) 1997 & THE RULES AND REGULATIONS MADE THEREUNDER

ON BEHALF OF

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

FOR NEPRA'S APPROVAL OF CONSUMER YEAR END TARIFF FOR FISCAL YEAR 2012-  
2013 FOR ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

DATED: 20 JULY, 2012

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

ADDRESS : IESCO HEADQUARTERS, STREET 40, SECTOR G-7/4, ISLAMABAD

PHONE # : 92-51-9253285

FAX # : 92-51-9253286



---

**COPY OF ISLAMABAD ELECTRIC SUPPLY  
COMPANY LIMITED  
BOARD RESOLUTION**

---



000 007

000 ~~000~~

F/E

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED  
Company Secretary Directorate


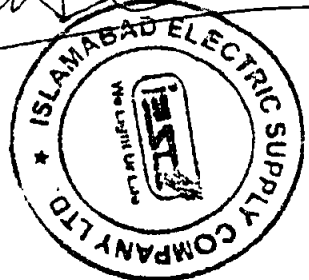
\*\*\*

Extract of Minutes

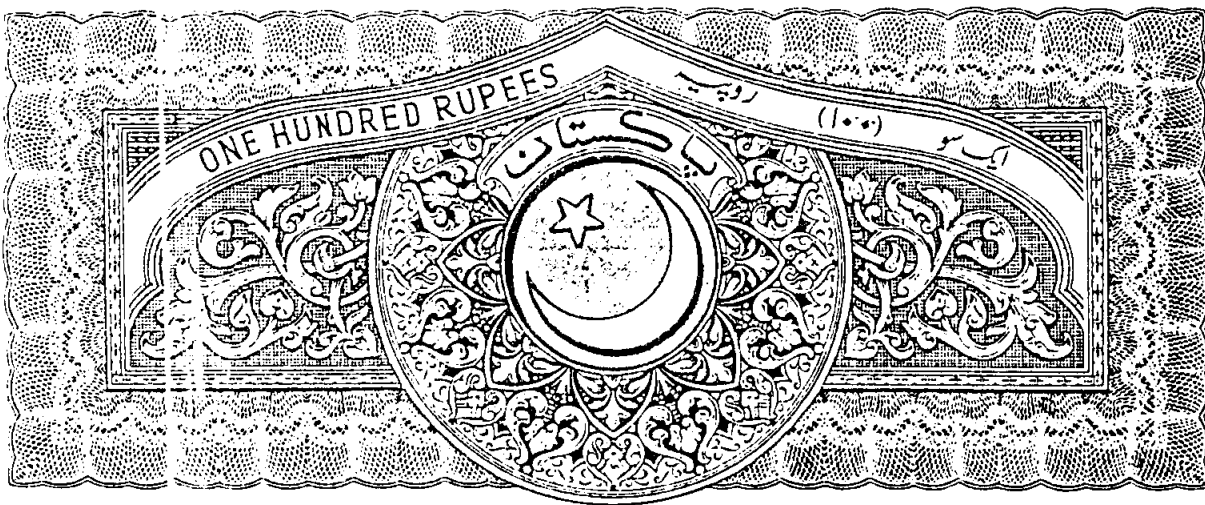
Meeting No.	Date	Subject	Place
102 <sup>nd</sup> Meeting of the Board of Directors	03-07-2012	Tariff Petition	Islamabad

**"Resolved that** Operations and Finance Committee of the Board is hereby delegated the powers to grant approval for the Management to file petition for determination of consumer-end tariff of the Company for the Fiscal Year 2012-13 for various categories of consumers and to file the Tariff Petition with NEPRA.

**Further resolved that** Mr. Javed Parvez, Chief Executive Officer-IESCO be and is hereby authorized to sign individually the necessary documents, pay the necessary filing fees, appear before the Authority as needed, and do all acts necessary for completion and processing of the applications".

**COPY OF AFFIDAVIT**



### AFFIDAVIT

I, Javed Parvez S/o Faqir Muhammad Khan aged 59 years (Approx), Chief Executive Officer Islamabad Electric Supply Company Limited holding CNIC No. 16101-7281497-7 being duly appointed Attorney of Islamabad Electric Supply Company Limited (IESCO), Head Office Street No.40 Sector G-7/4, Islamabad, Pakistan hereby solemnly affirm and declare that the contents of the Tariff Petition for the Financial Year 2012-2013, including all supporting documents are true and correct to the best of knowledge and belief and that nothing has been concealed.

Verified on this 19<sup>th</sup> day of July, 2012.

DEPONENT

( JAVED PARVEZ )

ATTESTED



---

**COPY OF BANK DRAFT**

---

6

011

*leg*

012



## TABLE OF CONTENTS

---

COPY OF ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED .....	2
BOARD RESOLUTION .....	2
COPY OF AFFIDAVIT .....	4
COPY OF BANK DRAFT .....	6
1. DETAILS OF THE PETITIONER .....	9
2. INITIATIVES UNDERTAKEN BY IESCO .....	11
3. REGULATORY PROCESS LEADING TO TARIFF PETITION .....	15
4. GROUNDS AND FACTS FOR TARIFF PETITION FILING .....	19
5. TARIFF SUMMARY .....	39



## **1. DETAILS OF THE PETITIONER**

---

### **1.1 NAME AND ADDRESS**

**ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED**

ADDRESS: IESCO HEADQUARTERS, STREET 40, SECTOR G-7/4, ISLAMABAD

PHONE #: 92-51-9253285

FAX #: 92-51-9253286

### **1.2 PETITIONER DETAILS**

Islamabad Electricity Supply Company Limited (IESCO) is an ex-WAPDA Distribution Company (DISCO) owned by the Government of Pakistan (GOP) and incorporated as a Public Limited Company on 25 April 1998 vide company registration No. L09499 of 1997-98 under section 32 of the Companies Ordinance 1984 in consequence of structural reforms introduced by the GOP in the power sector.

Principal business of IESCO is to provide electricity to the Islamabad Capital Territory and Northern Punjab (comprising of residents residing in the districts of Attock, Rawalpindi, Chakwal and Jhelum) under distribution license No. 01/DL/2001 granted by NEPRA (the **Distribution License**).

### **1.3 REPRESENTATIVES OF ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED**

- Mr. Javed Pervez:  
Chief Executive Officer
- Najam Javaid  
Finance Director
- Mushtaq Ahmed  
Director General (HR)
- Mr. Abdul Wahid  
Customer Services Director
- Raja Saeed Ahmed  
Chief Engineer / Technical Director
- Khalid Masood  
Additional DG (I.S)



- M. Naeem Aslam  
Company Secretary
- Haidermota & Co,  
Legal Consultants

A handwritten signature in black ink, appearing to be 'J. Khan' or similar, located in the bottom right corner of the page.

## **2. INITIATIVES UNDERTAKEN BY IESCO**

---

### **2.1 PROJECTS UNDERTAKEN BY IESCO**

IESCO is working on different projects in order to continuously strive to provide quality services by undertaking maintenance of the distribution network and catering to the complaints of its wide customer base in a number of ways, including but not limited to:

- a) **Consumer Census-** this is carried out so that based on the findings, process and systemic deficiencies can be addressed to bridge the gap between expected and actual performance levels.
- b) **Reduction in Transmission & Distribution (T&D) Loss and 100% Recovery Ratio-** currently, the energy losses stand at 9.52%, the lowest in the country, while the gross collection efficiency of private customers as of FY 2010-2011 stands at 100%.
- c) **Automatic Meter Reading (AMR) -** process interventions in the areas of metering and billing have ensured that the loopholes for revenue leakages are effectively plugged. Recognizing this fact, IESCO is planning to get on a pilot project of AMR to follow a fail-safe system of electronic data transfer of meter readings to the bill processing module, thereby dispensing with manual entries.
- d) **System Up gradation-** in order to develop the power infrastructure and meet the demand escalation commensurate with the business growth such as augmentation and laying down of transmission lines to cater for future requirement and expansion/system improvement of distribution networks, an investment program, collectively amounting to around Rs 6.2 billion (provisional) for the FY 2011-2012, was carried out with the support of international donors.
- e) **Ledger Management System-** IESCO is implementing a system automation program for accounts and inventory management.
- f) **Entrepreneur Resource Planning-** IESCO is vigorously embarking upon an Entrepreneur Resource Planning program which shall enable integrating network, customer and asset management by leveraging geo-spatial information, undertaking remote network sensing and operation in real time and improving daily work management by automating the business processes of billing, collection and human resource management on SAP.



Oracle and other highly competitive platforms. For this purpose USAID is also providing Technical Assistance.

- g) **GIS-based system-** this allows users to undertake complex engineering analyses, create network designs, generate Bill-of-Materials and manage 'trouble calls' at the Dispatching Centre. All new sub-stations are planned to be left unmanned, with SCADA or other competitive software providing the vehicle for remote network management in real time and dispensing with the need for additional manpower.
- h) **Customer Service-** IESCO maintains and operates round-the-clock emergency services to deal with supply-related complaints and undertake rectification works. The facilities have been planned to be reinforced by establishing a Call Centre that provides 24-hour messaging services to consumers and improves trouble call monitoring.

## **2.2 COMPLIANCE WITH DIRECTIVES**

### **2.2.1 To educate consumers about the envisage benefit of the TOU meters**

As per the Directives of NEPRA, IESCO installed Time of Use (TOU) Meters for all consumers having load above 5 KW. NEPRA observed that consumers do not possess adequate knowledge about the envisaged benefits of TOU meters and that IESCO should accordingly impart information with the consumers through an effective media campaign. Accordingly IESCO has educated its customers with pamphlets, handouts, print and electronic media about the advantages of TOU meters.

### **2.2.2 Installation of TOU meters**

As prescribed by NEPRA, 100% installation of TOU meters was scheduled to be completed by 31st March, 2012 with no allowance for any further extension. IESCO has duly complied with the aforesaid and billing has also commenced.

### **2.2.3 Cost Benefit Analysis of Investment Programme**

As per the Directive of NEPRA, IESCO was required to submit detailed cost / benefit analysis of the investment program, details of undergoing investment status and expected completion dates and expected improvement in the system. Promptly after NEPRA's Directive in this regard, IESCO initiated internal process of consolidating relevant information from internal technical, commercial and financial departments and devised systems to gather and record such information in the prescribed format. In view of the nature of information



involved and need for commercial, financial and technical inputs at each stage of data consolidation for purposes of reflecting a true cost benefit analysis, the process has turned out to be a time consuming exercise. The consolidated information in the prescribed format with the necessary details is in the final stages of review and shall be submitted to NEPRA in due course.

#### **2.2.4 Submission of HR Plan**

NEPRA has maintained its previous stance on its policy in respect of new recruitment i.e. IESCO has to justify these on the grounds of efficient utility practices and functions. In this regard, IESCO has attached the HR Plan to this Tariff Petition for NEPRA's review as Annexure A.

#### **2.2.5 Creation of fund on account of Employees Retirement Benefits**

In order to ensure that IESCO fulfills its legal liability with respect to the post-retirement benefits, IESCO was directed by NEPRA to create a separate fund in this regard before 30th June 2012. To comply with this direction IESCO is working to create a fund with an initial amount of Rs. 100 million. This fund will be gradually built up to the provisioned amount of Rs. 5,064 million within three years. It is imperative to note that whilst this is a legal requirement which IESCO must comply with, creation of funds in this short time frame may nonetheless impose a financial strain on IESCO- pooling of this money in separate funds may cause delay in payments to the Central Power Purchasing Agency (CPPA) in the remaining part of FY 2011-12 thereby causing increase in circular debt.

In this regard, IESCO request Authority to allow IESCO separate time for presentation

#### **2.2.6 Agreement with Bahria Town (Pvt) Limited (BPTL)**

In the tariff determination for the FY 2011-2012, NEPRA, at IESCO's request had considered BPTL as IESCO's C-3 consumer and IESCO's desire to enter into an agreement for sale/purchase of power with BPTL and submit the same to NEPRA for its approval. Various high level negotiations are ongoing in respect of the said agreement with BPTL which is expected to be finalized in due course. For purpose of facilitating the negotiation process, IESCO has engaged services of an eminent lawyer Dr. Tariq Hassan. Dr. Tariq Hassan is currently in the process of formulating the same in the light of following:

- i. NEPRA decision regarding Carve out Territory of IESCO
- ii. NEPRA License to BTPL
- iii. BTPL Tariff Petition and Determination



iv. IESCO Tariff Determination

A handwritten signature in black ink, located in the bottom right corner of the page. The signature is stylized and appears to be a cursive name.

### 3. REGULATORY PROCESS LEADING TO TARIFF PETITION

#### 3.1 NATIONAL ELECTRIC POWER REGULATORY AUTHORITY – THE COMPETENT AUTHORITY FOR DETERMINATION OF TARIFF

##### 3.1.1 NEPRA Act & NEPRA Rules

Under the Regulation for Generation, Transmission and Distribution of Electric Power Act (XL of) 1997 (the NEPRA Act), the National Electric Power Regulatory Authority (NEPRA) is responsible, *inter alia*, for determining tariffs and other terms and conditions for the supply of electricity through generation, transmission and distribution. NEPRA is also responsible for determining the process and procedures for reviewing tariffs and recommending tariff adjustments. Further, pursuant to the enabling provisions of the NEPRA Act, the procedure for tariff determination has been prescribed in the NEPRA (Tariff Standards and Procedure) Rules, 1998 (the NEPRA Rules).

##### 3.1.2 Grounds Giving Rise to Petitioner's Interest

###### a) Rationale

- i. Pursuant to the NEPRA Act and the NEPRA Rules, NEPRA has previously determined tariff for IESCO for Financial Year 2011-12 dated 19 January 2012 and established process and procedures for reviewing tariffs and recommending tariff adjustments.
- ii. IESCO has been filing tariff petitions, review motions and adjustment applications as per procedure laid down by NEPRA and is submitting this tariff petition (Tariff Petition) primarily to safeguard against increased costs, expenses and to ensure IESCO continues to function as an efficient and profitable organization. The existing tariff of IESCO determined by NEPRA for the year 2011-2012 in response to IESCO tariff petition dated 22 August 2012 was valid for one (1) year only and does not adequately cater for IESCO's proposed revenue requirements for years 2012-2013 on account of increase in asset base, inflationary trend, replacement hiring costs, repair and maintenance, unforeseen increases in power purchase price and litigation costs and so forth. Detailed grounds and facts forming the basis of this Tariff Petition have been set forth and discussed in Section 4 (*Grounds and Facts forming the Basis of Tariff Petition*).





- iii. IESCO, being a DISCO, requires adequate revenue in order to perform its obligations as prescribed by NEPRA under the NEPRA Act, NEPRA Performance Standards (Distribution) Rules 2005, under its Distribution License and other obligations as determined from NEPRA from time to time. This Tariff Petition attempts to request NEPRA to consider providing a reasonable return for IESCO in addition to the coverage of all prudent expenses and availability of funds for future investment.
- iv. Existing tariff of IESCO is not cost reflective and impinge on the financial viability and sustainability of distribution operations. Recovery of costs is of paramount importance to ensure financial viability of IESCO. The NEPRA Act, assures the licensee sufficient revenues to cover all costs and a reasonable return.

b) Objectives

The aim of this petition is to obtain approval for the immediate implementation of cost reflective tariffs to yield IESCO's required revenues for the FY 2012-2013. The implementation of cost reflective tariffs will benefit consumers and IESCO, as it will:

- i. Enable IESCO to improve service quality and reliability and further IESCO's efforts of better servicing its customer base;
- ii. Enable adequate funding for the operation, maintenance and expansion of distribution network;
- iii. Provide funds for efficient usage of and investment in, IESCO's distribution network; and
- iv. Ensure the financial sustainability of IESCO.

c) Features

This Tariff Petition has been structured to discuss the following:

- i. the grounds and facts forming the basis of this Tariff Petition supported with a summary of evidence giving brief particulars of the data, facts and evidence in support;
- ii. relief and determination sought;



- iii. a transparent breakdown of the proposed tariff structure to reduce uncertainty for the utility and for its consumers and sufficient average tariff to enable IESCO to recover prudently incurred operating costs supported by comparative schedules of charges, costs, units, price and other items comprising the existing tariff and the proposed tariff;
- iv. comparative tables of the existing tariff design and the proposed tariff design on the basis of the categories of consumers likely to be affected by a modification of the tariff, their consumption patterns and charges payable by them;
- v. Further incentives for IESCO to make operating efficiencies and reduce commercial losses.

### 3.2 SUBMISSION

- 3.2.1 This Tariff Petition is being filed in accordance with the NEPRA Rules Part II Section 3. The information required to be filed under the NEPRA Rules is given under the following sections:

<u>NEPRA RULES REFERENCE</u>	<u>REQUIREMENT</u>	<u>TARIFF PETITION REFERENCE</u>
3 (2)(a)	Name and address of Tariff Petitioner	1.1
	Licensee details	1.2
	Representative(s) of Tariff Petitioner	1.3
3 (2)(a)	Grounds giving rise to the Tariff Petitioner's interest	3.1.2
3 (2)(b)	Grounds and facts forming basis of Tariff Petition	4
3 (2)(c)	Relief or determination sought	5.1
3 (2)(d)	Comparative schedule of charges, costs, etc.	5.2
3 (2)(e)	Proposed changes in tariff	5.3
3 (2)(f)	Summary of evidence	5.4

- 3.2.2 PURSUANT to the relevant provisions of the NEPRA Rules, read with the provisions of the NEPRA Act and the Rules and Regulations made thereunder; AND in view of compliance by IESCO in respect of meeting the requirements of the same so as to be eligible for application for a tariff: IESCO SUBMITS HEREWITH before NEPRA, the competent regulatory authority lawfully

authorized to determine tariff, for its approval, the Tariff Petition for approval of (i) the reference tariff (the **Reference Tariff**); (ii) other matters set out in this Tariff Petition.

- 3.2.3 NEPRA is kindly requested to process the Tariff Petition at the earliest, thereby enabling the IESCO to proceed further.



#### 4. GROUND AND FACTS FOR TARIFF PETITION FILING

The power supply scenario during the last few years has been subjected to restrictions imposed on the supply side due to outage caused by the weaker financial position of the power sector at large, coupled with the inflationary trend and depleted resources allocated for power generation. Hence, the actual power requirement of the consumers could not be ascertained accurately. The relevant authorities (primarily CPPA) were requested to intimate to IESCO its allocated share of power, however, no response was received from any forum. IESCO is also cognizant of the fact that IESCO has been directed to enter into bilateral agreements with CPPA and IESCO acknowledges considerable advantages in entering into such agreement with the CPPA. IESCO is inclined to negotiate and finalize the said agreement on a best efforts basis with CPPA provided that the CPPA also takes equivalent measures to progress with the matter.

Therefore, in order to arrive at reasonably accurate estimations, IESCO in its present Tariff Petition filing has maintained the same target of sales which have been actually achieved for the FY 2011-2012 i.e. 7,537 MkwH and T&D Losses (9.50%) approved by NEPRA for the FY 2011-2012.

The facts and figures contained in this Section are based on provisional accounts and the Annual Revenue Requirement (ARR) for the Fiscal Year (FY) 2012-2013. The projected numbers are based on the provisional accounts for FY 2011-2012 which have been duly adjusted for growth in income, changes in expenses as well as changes in assets and liabilities, as anticipated by IESCO.

##### 4.1 SUMMARY OF MATERIAL FACTS

Summary of material facts forming basis of this Tariff Petition may be submitted as following:

- (i) Increase in asset base, inflationary trend, replacement hiring cost, repair and maintenance;
- (ii) Reduction in claimed O&M Expenses;
- (iii) Increase in Power Purchase Price and projected increase;
- (iv) Increase in interest charges and working capital requirement;
- (v) AJK issue relating to payment at the reduced rate;
- (vi) Issue relating to cellular and telecom companies vis a vis peak and off peak timings;
- (vii) Improved Investment Plan in view of IESCO's objectives for FY 2012-2013;
- (viii) Recalculation of the Return on Rate Base;
- (ix) Exclusion of Late Payment Surcharge from non-tariff income;
- (x) Revision of criteria for Lifeline consumption and consumers;



- (xi) Revision in FPA mechanism.

#### 4.2 DETAILED DISCUSSION ON GROUNDS AND FACTS

##### 4.2.1 Power Purchase Price

- a) Fuel and power purchase cost is a major component of the ARR and an expense of any DISCO which is uncontrollable and highly price sensitive due to the following reasons:
- Unexpected rise in energy demand;
  - Insufficient infrastructure to tap hydel resources during the season of monsoon;
  - Non availability of cheaper generation sources like natural gas and coal;
  - Uncertainties in acquiring energy from confirmed sources.
- a) Presently in Pakistan the power sector is operating on a single buyer model. IESCO neither produces a single unit of electricity itself nor does it purchase electricity from additional sources except CPPA. It only utilizes the allocated resources by CPPA. As aforementioned, while forecasting the sales for the FY 2012-2013, IESCO requested the Ministry of Water & Power and CPPA to indicate the IESCO allocated share of the power in the available resources. However, no response was received from either forum. Hence, in this Tariff Petition, IESCO has maintained nearly the same target of purchases i.e. 8,328 MkwH which was actually achieved in the FY 2011-2012 based on target losses of 9.50% whereas the power procurement plan for FY 2012-13 has been worked out based on the same statement of assumptions in the tariff petition filed for the FY 2011-2012
- b) On an average, the daily requirement of power during the current year i.e. F.Y. 2011-2012 is 2,029 MW per month and projected requirement for FY 2012-2013 is 2,500 MW per month. However due to unprecedented generation related problems, IESCO's allocation/ share of power procurement has been restricted and has resulted in wide spread load shedding in the services areas.

##### 4.1.2 Proposal for automatic price adjustment mechanism

- a) As a matter of principal, the cost of electricity purchased is a "pass through item", to be recovered from the consumer through the tariff without



affecting IESCO's Distribution Margin. However, at present, NEPRA is allowing Fuel Price Adjustment instead of full Power Purchase Price adjustment. In effect, it is taking considerable time (up to a year) to recover the actual power purchase cost incurred by IESCO, whereas IESCO itself has to make payments to power supplying companies within the credit period allowed, or otherwise face delayed payment charges. DISCOs are also generally facing a problem in recovering its legitimate cost on account of Power Purchase Price due to litigation or other reasons, thereby resulting in deteriorated financial position of the overall power sector.

b) In order to avert the present crisis, IESCO humbly requests NEPRA to:

- i. Implement a mechanism which allows the "passing through" of the variation in power purchase costs (Fuel Price Adjustment as well as losses adjustment and other costs) over to the consumers regularly on monthly basis; or
- ii. Determine a fixed rate of levy for every kWh consumed towards "Fuel Price Adjustment Account" to not only reflect the full Power Purchase Price adjustment, but to also spot purchases required to meet various exigencies. Any short fall/excess at the end of the year can be duly passed on to the consumers.

#### 4.1.3 Distribution Margin

The distribution margin covers IESCO's O&M costs, depreciation, other income and return on regulatory asset base. In this Tariff Petition for FY 2012-2013, the distribution margin has been worked out on the basis of provisional accounts of 2011-12. The detail of the distribution margin is as follows:

##### a) O & M Expenses

O&M expenses are the expected operation and maintenance costs which include the estimated cost of service, repair, necessary materials for operation, salary, mandatory payments, administration, management and other operating costs relating to IESCO's distribution and supply business. O&M expenses are one of the major unknowns for DISCOs in Pakistan due to uncontrollable statutory implications arising out of increase in salaries (as announced by the Federal Government), increase in certain expenses due to growth in consumer base for e.g., increasing maintenance expenses, meter reading expenses, whereas other expenses are directly linked to the rate of petroleum, which is at an all time high in Pakistan.



In respect of employees' cost specifically, this includes the costs related to salaries and benefits of all staff (administrative, operational and security) employed by IESCO. Since IESCO is striving to ensure an efficient, coordinated and economical distribution system and to build, maintain and operate the system more systematically to combat the increasing load growth, it will be employing a highly skilled and technically proficient team to manage all aspects of the distribution of power to ensure that all key commercial interests of all stakeholders are maintained, protected and prioritized. During the FY 2012-2013, a 20% increase in payroll cost is already announced due to revision of salary rates. This in turn affects all allied expenses/benefits such as dearness allowance, overtime allowances, leave with pay, pension and gratuity etc. In addition to the foregoing, there has been significant increase in the Conveyance Allowance and Travelling Allowance.

The breakdown of the O&M expenditure is as follows:

<u>DESCRIPTION</u>	<u>BUDGET 2011-12 ALLOWED BY NEPRA</u>	<u>BUDGET FOR APPROVAL FROM BOD 2012-13</u>
Salaries, Wages & Other Benefits	3,872	5,871
Travelling Expenses	136	230
Repair & Maintenance	450	565
Vehicle Running	226	357
Collection Charges	170	205
Misc. Expenses	218	288
<b>Total</b>	<b>5,072</b>	<b>7,516</b>

b) Other Operating Expenses

These include rent rates & taxes, utility expenses, communications, office supplies, traveling expenses, professional fees, auditor remunerations, outsourced services, management fees, vehicle running & maintenance, electricity bill collection expenses, directors' fees and bad debt expenses.

c) Depreciation

The depreciation for FY 2012-2013 is calculated on the basis of: (i) the value of existing assets; plus (ii) addition in assets during FY 2012-2013.

The assets will be depreciated on a straight-line method as per utility practice i.e. land @ 0%, buildings and civil works @ 2%, plant and machinery @ 3.5%, office equipment @ 10%, mobile plant and equipment @ 10% and other assets @ 10%. Based upon these assumptions, the depreciation cost stands at Rs. 1,549 million.

d) Capital Investment Plan

In furtherance of IESCO's principal goals as highlighted under section 2.1, IESCO intends to execute its development and investment plan for FY 2012-2013 in the following areas: (i) Development of Power (DOP), (ii) Energy Loss Reduction (ELR), (iii) Secondary Transmission and Grid (STG), (iv) TOU/Smart Metes and others. The investment in the foregoing shall primarily be financed through borrowing.

The following table gives the details of actual capital expenditure for the financial year 2011-2012 and proposed expenditure for the year 2012-2013

(Rs in millions)

SR. NO	PARTICULARS	2012	2013	REMARKS
		APPROVED	PROPOSED	
1	DOP	450	800	
2	ELR	350	335	
3	STG	1,830	5443	
4	Other/ Meters	3,570	2500	
Total		6,200	9,078	

Further the Board of Director had also approve the three years real estate development Master Plan as per following details:

SR No	FINANCIAL YEAR	RUPEES IN MILLION
1	2012-13	313.290
2	2013-14	453.868
3	2014-15	266.406
Total		1,033.640

The Board advised that adequate provision be made in the tariff petition and works would prioritize in accordance with approved budget under this heading by NEPRA.



A detailed Investment Plan that is envisaged by IESCO is attached as Annexure B.

e) Return on Rate Base (RORB)

IESCO is an efficient company, earning reasonable profits resulting in overall positive equity of Rs.11,936 million (Audited Accounts 2010-11). The Return on Rate base for the FY 2012-2013 is worked out as Rs. 4,303 million on the basis of the actual debt to equity ratio of FY 2010-11 audited accounts.

However, IESCO's stance regarding the applicable Cost of Debt, Equity and Beta in arriving at the figure for Weighted Average Cost of Capital (WACC) is consonant with its submissions in the tariff petition for the FY 2011-2012 i.e. the cost of debt should be accounted for as at actual or KIBOR + 300 basis point which is in line with NEPRA's allowance with respect to power generation companies. NEPRA has also relied on the asset beta of developed markets, reasoning that no DISCO is listed on the stock exchange. Therefore it is requested that NEPRA recalculate RORB for IESCO keeping in view the local business environment.

Furthermore, it is humbly submitted that NEPRA previously rejected IESCO's plea in its "Motion for Leave for Review" (vide its letter # FD/IESCO/9990 dated 10-02-2012 and letter # FD/IESCO/ 10246 dated 20-02-2012) (the **Review Motion**) relating to NEPRA's determination of the RORB. In respect of the foregoing, we submit that NEPRA was requested to reconsider the RORB for FY 2011-12 on the basis of actual Debt: Equity ratio rather than optimum Debt: Equity ratio of 80:20 assumed by the Authority in its determination dated 19-01-2012. NEPRA, in its decision (vide its letter # NEPRA/TRF-185/IESCO-2011/3892-3894 dated 23-04-2012) maintained that since the issue of revision of RORB on the basis of actual Debt Equity ratio was not raised by IESCO in its original tariff petition therefore, this cannot be considered in the Review Motion. IESCO respectfully submits that this decision may be reconsidered because of the following reasons:

- i. In terms of regulation 3(2) of the NEPRA (Review Procedure) Regulations, 2009, a motion seeking review of any order of the Authority is competent upon "discovery of new and important matter of evidence or on account of some mistake or error apparent on the face of record or from any other sufficient reasons". Whilst the debt:



equity ratio had not been specifically addressed in the original petition, it was by no means an unrelated matter and did in fact affect the composition and final calculation of the RORB figure and hence was directly relevant to IESCO's submission in its tariff petition. Rather than NEPRA viewing it as an additional matter being demanded by IESCO, NEPRA ought to have given it due consideration based on IESCO's submission that NEPRA, by determining a 80:20 debt equity ratio, was wrongly assuming that IESCO has negative equity. Thus, the revision pleaded by IESCO was within the ambit of the original tariff petition and qualified as "sufficient reason" in accordance with regulation 3(2) of the NEPRA (Review Procedure) Regulations, 2009.

- ii. In terms of regulation 3(7) of the NEPRA (Review Procedure) Regulations, 2009, the motion for leave for review may be refused by NEPRA if it considers that the review would not result in the withdrawal or modification of the order. IESCO respectfully submits that the aforementioned revision of the debt: equity ratio would result in the modification of the RORB calculation. Moreover, NEPRA had an opportunity to review the Review Motion prior to scheduling of the hearing and raise its objections in respect of the same not being relevant. However a pre-admission hearing on above Review Motion was held on February 24, 2012 and then NEPRA after hearing the view-point of the representative of IESCO, decided to provide an opportunity of hearing to the parties on March 28, 2012. Therefore it can be inferred that NEPRA did not have any reservations in regard to the relevance of the RORB submission.

Based on the afore-stated grounds, IESCO further prays to NEPRA to allow Rs 1,101 Million on account of RORB for the FY 2011-2012 and that the same analogy may be adopted in its Tariff Determination for the FY 2012-2013 NEPRA.

The calculation of RORB is set out in the table hereunder:



Description	2011
Equity	11,936
Debt	3,985
Debt/Equity Ratio : Equity	0.75
Debt/Equity Ratio : Debt	0.25
Cost of Debt (Post Tax)	8.61%
Cost of Equity	19.86%
WACC	17.04%

Description	2010-11	2011-12 (Pro)	2012-13
Opening Fixed Assets in Operation	33,254	40,665	47,394
Assets Transferred during the year	7,411	6,729	8,795
Closing Fixed Assets in Operation	40,665	47,394	56,189
Less: Accumulated Depreciation	(11,238)	(12,897)	(14,863)
Net Fixed Assets in Operation	29,427	34,497	41,326
Add: Capital WIP	4,805	4,944	5,333
Total Fixed Assets	34,232	39,442	46,659
Less: Deferred Credit	(15,035)	(16,991)	(18,612)
Total Fixed Assets	19,197	22,451	28,047
Average Regulatory Assets Base		20,824	25,249
Return on Rate Base			17.04%
<b>RORB</b>			<b>4,303</b>

f) Interest & Finance Charges including interest on Working Capital

Interest and financial cost of IESCO stems from IESCO's borrowings of funds for the investment plan together with the short-term cash requirement for day to day operations. IESCO has duly considered major portion of the investment shall be acquired through debt whereas remaining from IESCO's internal resources. Such costs may include, inter alia, charges to be established in favor of various lenders: fees payable and stamp duty applicable on the financing documents and the fees for the lenders' various advisors.

Interest payable in respect of servicing working capital requirements shall be worked out on the basis of the cash flow projected throughout the financial year. The projected breakdown of the working capital expenses of IESCO for the FY 2012-2013 has is illustrated as hereunder:

<u>SR. NO</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>MONTHS</u>	<u>AMOUNT</u>
1	Receivable	Million Rs	2	11,333
2	O&M Expenses	Million Rs	1	433
3	Stores & Spares	Million Rs	2	208
4	Total Working Capital Required	Million Rs		11,974
5	Rate of Interest	%		14%
	Interest on Working Capital	Million Rs		1,676

Consumers are typically invoiced after a month of electricity consumption and utilization, whereas IESCO is obligated to discharge and settle its liabilities within a month of purchasing power. In addition to this, IESCO has to bear the highest cost in periods of low consumption. Therefore, managing the cash flow in such adverse condition is very strenuous, which ultimately results in compromised quality of service.

Due to the cyclical nature of billing and in view of the fact that 100% collection is not feasible presently, the working capital amount has been reduced to the bare minimum. However to meet its cash requirements, IESCO will have to borrow from financial institutions to bridge the gap created by the outstanding payments from consumers. Presently, majority of the outstanding amount is accumulated in the CPPA account, thereby further attracting interest charges in the form of delayed payment surcharge or additional cost of borrowing.

In respect of the foregoing submission, Rule 17(3)(v) of the NEPRA Rules may be of relevance. Rule 17(3)(v) provides as under:

“...(3) Tariffs shall be determined, modified or revised on the basis of and in accordance with the following standards, namely:-  
(v) tariffs should reflect marginal cost principles to the extent feasible, keeping in view the financial stability of the sector...”

IESCO submits that in light of the financial and cyclical billing position, if working capital shortfalls and financial charges are not allowed by NEPRA

to be accounted for in the tariff determination, the determined tariff will not reflect marginal cost principles and will ignore the measures taken by IESCO to keep the financial position stable. IESCO further submits that NEPRA has previously allowed working capital shortfalls and financial changes in the tariff determination in respect of tariff determination for certain generation companies. The rationale for NEPRA in allowing working capital in such instances has been to cater and facilitate generation companies to manage the cyclical billing cycles which is equally relevant in the context of IESCO for reasons set forth above.

IESCO humbly submits to NEPRA that the working capital shortfalls and financial charges impact be accounted for in the tariff determination. It is imperative that IESCO be allowed working capital expense on a normative basis (as is allowed to generation companies) at the prevalent market lending rate.

g) Transmission and Distribution Losses

The current distribution losses of the company for the last five years are as follows:-

<u>YEARS</u>	<u>PURCHASED</u>	<u>UNITS SOLD</u>	<u>LOSS</u>	<u>LOSS (%)</u>
2011	8,502	7,674	828	9.74%
2010	8,396	7,572	824	9.82%
2009	8,071	7,201	870	10.78%
2008	8,061	7,232	829	10.28%
2007	8,044	7,065	979	12.17%

In the tariff determination dated for the FY 2011-2012, NEPRA had allowed a distribution loss of 9.50%. The revised loss trajectory is as follows:

- Input at 132 CDP 8,330 MkwH (Provisional)
- Total Sales at 7,537 MkwH
- Total T&D Loss at 793 MkwH
- Total T&D Losses at 9.52%

NEPRA is of the view that IESCO can reduce these T&D losses by taking up certain improvements in the existing distribution networks, given its

initiative in respect of up gradation of the system. However, NEPRA has not offered any technical advisory or specific measures which should be taken by IESCO to substantially reduce the T&D losses. In IESCO's humble opinion, further reduction in losses is implausible given that IESCO is nearing saturation and that investment in the system is primarily carried out to sustain the system and to control the losses due to expansion in the system, specifically rural electrification.

Therefore, it is stated that for the purposes of this Tariff Petition IESCO has assumed the T&D losses at 9.50 %.

h) Taxes on Income

In this Tariff Petition, IESCO's books show accumulated tax losses and hence, no provision has been made for taxes. If any taxes are payable/paid the same will be claimed as per actual.

i) Non-Tariff Income

Projected other Income excluding Late Payment Surcharge For the FY 2012-13 is 2,276 million

4.1.4 Prior Period Adjustment

a) AJK Issue

For purposes of this Tariff Petition, no provisioning is presently made for AJK long outstanding dues. However, it is submitted that as soon as the Board of Directors have resolved to provision such outstanding dues as bad debts, IESCO will approach NEPRA for allowing such provisioning in the IESCO's tariff.

b) TOU Metering for Telecom & Cellular Companies

IESCO still maintains that the organizations in the Telecom & Cellular sector have been unduly advantaged by the installation of the TOU meters as no distinction can be made between off peak and peak hours in such organizations due to the nature of the services provided by this sector. Yet because they are availing the benefits resulting from the system, it has caused a negative impact of the average sale rates of IESCO.

NEPRA is again reminded in this Tariff Petition that these companies maintain a constant load throughout the day, weeks, months and year as they are not capable of reducing the load during peak hours. Conversion to a TOU



meter is only viable for consumers who are aware of the rules and are able to alter their consumption patterns to maximize plan benefits. Therefore, IESCO pleads before NEPRA that it should disallow the installation of TOU meters in respect of those consumers who use constant loads throughout the day including all the telecom and cellular companies. NEPRA in its determination relating to the tariff petition FY2011-2012 had requested that IESCO should substantiate the losses, if any, due to TOU meters with documentary evidence. This has been illustrated above.

#### Other Proposals

##### a) Late Payment Surcharge

- i. The Late Payment Surcharge (LPS) accounts for late payment interest and compensation if the payment in question has not been timely made. It has been adopted by IESCO in order to encourage consumers to make payment of the electricity dues in time and to effect the revenue collection efficiently. If NEPRA does not allow LPS to be incorporated as part of the tariff, it has the disadvantage of granting consumers leeway to default deliberately on payments. Furthermore, whilst LPS is presently being charged by IESCO, its benefit is lost to IESCO as it is categorized as "other income" by NEPRA on the grounds that consumers are paying LPS on account of delayed payment, therefore adjusting it in the tariff as other income, resulting in no impact on consumer tariff.
- ii. It is IESCO's intention to continue adopting LPS as part of its policy, however it humbly submits to NEPRA that it reviews its policy relating to the same on the following grounds:
  1. DISCOs operate on a two month credit period i.e. consumers have the benefit of a sixty days collection period (the **Normative Period**). During the Normative Period, IESCO is settling its liabilities through its working capital whereas LPS is only imposed on the consumers beyond the sixty days. This not only adds a strain on DISCOs in terms of their working capital but also, for the period of delay in payment by the consumers beyond the Normative Period, IESCO has to bear additional costs and expenses such as surcharge imposed by CPPA due to late payments by IESCO. This cost has neither been claimed by IESCO nor has NEPRA allowed it thus far.
  2. LPS cannot be regarded as "other income" i.e. income derived by IESCO in the normal course of business, rather it is accrued due to



the inefficiency of consumers which can in turn have severe financial implications to IESCO's business. By not incorporating the LPS as a necessary component of the Reference Tariff, IESCO is being subjected to a double penalty.

iii. Thus, IESCO reiterates its submissions in this regard and seeks the exclusion of LPS from the determination of non-tariff income. Alternatively, NEPRA may separately allow the financing cost of any outstanding dues (owed to the CPPA) as an expense while determining the Reference Tariff.

b) Lifeline Consumers

Domestic consumers using up to 50 Kwh in a month are categorized as lifeline consumers and are charged the lowest tariff. Consumers using slightly more electricity per month are charged higher tariff which is gradually increased upwards with more use of electricity. The deficit created on this account is generally addressed by the tariff imposed on the other category of consumers. The main rationale for having this category of consumers is to provide support to the low income consumers. The objective achieved should be a maximum flow of government tariff subsidy to poor masses instead of a movement towards all consumers in the first instance and consequently, an increase in tariff cross subsidizing. However, presently there is no policy in place to ensure that this tariff is not misused and that its benefits are availed by the poor masses only, resulting in increase in life line consumers as well as cross subsidies.

In this regard IESCO would like to request NEPRA to formulate a policy for setting Lifeline consumer tariff on the following parameters,

- i. The criteria for Lifeline consumers may be stipulated as those consumers having an average consumption of 50 units during the last three months. Consumer which presently fall in the category of Lifeline due to low consumption by virtue of non occupancy, metering error etc. in specific months will be barred automatically
- ii. The Lifeline tariff may be determined as a minimum 50% of the average tariff.

c) Borrowing without Approval of NEPRA





It is submitted by IESCO that NEPRA in its tariff determination for the FY 2011-2012, had allowed borrowing on account of IESCO's investment plans, whereas IESCO had to bear additional borrowing of Rs 4.27 billion, without the prior approval of NEPRA on the direction of the Federal Government to settle the liabilities towards the CPPA on account of the Power Purchase Price outstanding payment mounted due to the late determination of Monthly FPA by NEPRA and further intensified by litigation in courts. These liabilities are a result of inefficiency in the power sector as a whole and not as a result of inefficiencies at the DISCO level.

IESCO requests NEPRA allow the cost of borrowing as a component of the tariff determination.

#### 4.1.5 Summary of IESCO Annual Revenue Requirement for the FY 2012-13

DESCRIPTION	RS. IN MILLION	RS. / UNIT
Power Purchase Price	83,438	11.07
O&M Costs:	7,516	1.00
Depreciation	1,549	0.21
Working Capital	1,676	0.22
Return on Rate Base	4,303	0.57
Prior Period Adjustment:		
Impact of Late Notification	3,196	0.42
FPA Impact (Domestic < 350 units)	3,500	0.46
Quarterly Adjustment	1,949	0.26
DM adjustment	347	0.05
RORB 2011-12	1,101	0.15
Sub Total Prior Period Adjustment	10,093	1.34
Gross Revenue Requirements	108,575	14.41
Less: Other Revenues	(2,276)	(0.30)
Net Revenue Requirement	106,299	14.10

## 5. TARIFF SUMMARY

### 5.1 RELIEF OR DETERMINATION SOUGHT

5.1.1 In accordance with the requirements of the Distribution License and the grounds and facts set out in this Tariff Petition, IESCO is hereby submitting the Tariff Petition to revise existing tariffs in its licensed area for FY 2012-2013 as under:

- a) That NEPRA may kindly condone the borrowing undertaken by IESCO to clear the CPPA Payables as explained, on the direction of the Federal Government and without the approval of NEPRA and that the cost of borrowing may be allowed in the tariff determination.
- b) That in the tariff determinations for the FY 2011-2012, NEPRA has not allowed Rs. 1,101 million while approving the Return on Rate base, the plea being submitted that the net worth was negative. The return was instead allowed on normative basis without relating the same to the actual debt to equity ratio. Therefore IESCO further prays to NEPRA to allow Rs 1,101 Million on account of RORB for the FY 2011-2012 and that the same analogy may be adopted while approving tariff for the FY 2012-2013.
- c) That NEPRA allows flexibility to IESCO in respect of implementing the post-retirement benefit plan into a separate fund/trust in the manner proposed.
- d) That the policy regarding Lifeline Consumer may be revised for the FY 2012-2013.
- e) That the tariff increase proposed by IESCO for the FY 2012-2013 be approved based on submissions made in the present tariff application.
- f) That in the earlier tariff determinations, NEPRA has not allowed interest on Working Capital on normative basis and therefore under the present Tariff Petition, IESCO requests NEPRA to allow the interest on Working Capital as per working attached. It is proposed to NEPRA amends the existing provision of allowing interest on actual basis.
- g) That NEPRA approves the Fuel Adjustment charges based on the submission.
- h) That NEPRA condone any inadvertent omissions / errors/ rounding off difference / shortcomings submitted in this Tariff Petition



- i) That NEPRA considers any other relief, order or direction which NEPRA may deem fit in respect of the tariff determination.

**5.2 COMPARATIVE SCHEDULE OF CHARGES, COSTS ETC.**

In compliance with section 3 (2) (d) and (e) of the NEPRA Rules, the comparative tables of existing and proposed charges, costs etc. and tariff structure on the basis of categories of consumers are likely to be affected by such modification in the tariff is attached as Annexure C.

**5.3 PROPOSED CHANGES IN EXISTING TARIFF**

For the FY 2012-2013, IESCO's existing tariff shall be adjusted to incorporate revenue requirements consisting of cost of power purchased and distribution margin required. The proposed customer-end tariff is provided as at Annexure D.

**5.4 SUMMARY OF EVIDENCE**

For purposes of this Tariff Petition, IESCO has relied on the following documents:

- (a) Company statistics
- (b) Profit and Loss Statement
- (c) Profit and Loss Statement (monthly)
- (d) Balance Sheet
- (e) Cash Flow Statement
- (f) Power Purchase
- (g) Line Losses Statement
- (h) DISCO load factors
- (i) Average Rate per unit purchased and sold
- (j) Demand (actual and calculated) and number of consumers



- (k) Asset register
- (l) Operating cost
- (m) Distribution Margin comparison
- (n) Financial Charges
- (o) RORB Calculation
- (p) Revenue Requirement
- (q) Investment Plan
- (r) Interest on Development Loans
- (s) Development Loan disbursement
- (t) BONDS
- (u) Existing and proposed tariff statement
- (v) Revenue and subsidy statement
- (w) Proposed revenue and subsidy statement
- (x) HR Plan
- (y) Comparative schedule of costs, charges etc
- (z) Proposed changes in existing tariff

#### 5.5 PARTICULARS OF DATA

In accordance with section 3(2) (f) of the NEPRA Rules, the following have been attached as part of the Tariff Petition:

- (a) Board Resolution of IESCO;
- (b) Affidavit of Mr. Javed Pervez,
- (c) Bank cheque No. 63780484 dated 20 July 2012, amounting to PKR 708,096 (Pakistani Rupees Seven Hundred eight thousand and ninety six) as requisite fee for the Tariff Petition, as communicated by NEPRA.

Furthermore, NEPRA is kindly requested to process the Tariff Petition at the earliest thereby enabling IESCO to proceed further with its investment and development plans for the FY 2012-2013.

In light of the submissions, the financial analysis and information contained in this Tariff Petition, along with the Annexures attached hereto, and in the national interest of expediting IESCO's initiatives in improving its transmission and distribution network infrastructure through system augmentation, rehabilitation, expansion and relieving the power system from disruptions and its commitment to better serve its customer base, this Tariff Petition is submitted for NEPRA's approval of the Reference Tariff.

Respectfully submitted for and on behalf of:

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED



JAVED PERVAIZ

CHIEF EXECUTIVE OFFICER

## HR PLAN OF IESCO

The HR Plan is a key part of our HR framework. The plan provides focus and direction for our work in HR and gives clear actions and targets in following three areas: -

1. Recruitment Plan for the year 2012-13 - Annex-A
2. Training Program for the year 2012 - Annex-B
3. Promotion Plan for the year 2012 - Annex-C



# RECRUITMENT PLAN - FISCAL YEAR 2012-13

A													B										C	D	Total Projected Recruitment		
Category	Staff Required for Newly Created Sub Divisions					Additional Staff Required for Stores		Staff required for newly Constructed Grid Stations					TOTAL STAFF REQUIRED	Percentage Increase in Consumers (Urban & Rural)								TOTAL Additional MR & BD Required	25% of Vacant posts of M.R, ALM, ASSA, B.D	Post of J.E Already Advertised			
	City S/O Div Dns	AE (T) Mangla	F-11 S/O Div	Korang S/O Div Rep	Ohmura S/O Div	ADOL POSTS FOR RS WAK	FS TO RS RAJJAR & ISB	I-18	Talegang	G-13	D-12	Mirpur		Consumers as on JUN-11	Consumer as on APR 12	Difference	%age Increase in Consumers	Urban Consumers	Rural Consumers	1x MR for Urban (1500 Consumers)	1x MR for Rural (1000)				1x B D for Urban (3000 Consumers)	1x B D for Rural (2000)	
Officers	1	1	1	1	1	2	4	0	0	1	1	0	13										0	32	45		
Officials	59	45	64	72	82	22	50	21	19	28	28	19	509	2140728	2202769	62541	3%	32213	29828	21	30	11	15	77	190	0	776
TOTAL	60	46	65	73	83	24	54	21	19	29	29	19	522												TOTAL	821	

TOTAL (A+B+C+D) 821

**STAFF REQUIRED FOR NEWLY CREATED SUB DIVISIONS THROUGH BIFURCATION/TRIFURCATION OF SUB DIVISIONS**

Name of Post	BPS	F-11 S/Div	AE (T) Mangla	City S/Div Dina	Korang S/Div Rwp	Dhurnal S/Div	TOTAL
Junior Engineer	17	1	1	1	1	1	5
UDC	9	2	1	2	3	2	10
LDC	7	1	0	2	2	4	9
TAC/TCC	7	4	0	0	4	0	8
LS-I	13	3	4	4	2	5	18
Foreman	13	0	1	0	0	0	1
LS-II	11	5	0	5	0	4	14
Fitter	9	0	1	0	0	0	1
LM-I	9	6	6	6	7	10	35
LM-II	7	6	10	7	8	10	41
ASSA	5	0	1	0	0	0	1
ALM	5	17	12	18	21	30	98
MRS-I	11	0	0	1	0	0	1
MRS-II	9	1	0	0	1	1	3
Meter Reader	7	10	0	6	10	8	34
Lorry Cleaner	3	0	1	0	0	0	1
BD	3	5	0	2	6	4	17
Driver	6	0	4	3	3	1	11
Naib Qasid	1	2	1	2	3	2	10
Chowkidar	1	1	1	0	1	0	3
Mali	1	0	1	0	0	0	1
PTS	1	1	1	1	1	1	5
<b>TOTAL</b>		<b>65</b>	<b>46</b>	<b>60</b>	<b>73</b>	<b>83</b>	<b>327</b>



**FF REQUIRED FOR REGIONAL STORE WAH AND REGIONAL STORE RAJJAR & ISLAMABAD**

Sr. No.	Name of post	BPS	Regional Store Wah	Regional Store Rajjar & Islamabad	TOTAL
1.	Dy: Manager (MM)	18	1	2	3
2.	Assistant Manager (MM)	17	0	0	0
3.	AM (Accounts)	17	1	2	3
4.	Accounts Officer	16	1	0	1
5.	Store System Supervisor	14	1	0	1
6.	Account Assistant	14	2	2	4
7.	Head Clerk/Assistant	14	1	2	3
8.	Steno-II	14	0	2	2
9.	LS-I	13	0	2	2
10.	Sr. Store Keeper	12	1	0	1
11.	Jr. Store Keeper	11	0	2	2
12.	UDC	9	0	2	2
13.	Fork Lift Operator	9	1	0	1
14.	Security Sergeant	8	0	2	2
15.	LDC/Typist	7	1	2	3
16.	Gate Clerk	7	1	0	1
17.	Security Guard	6	4	14	18
18.	Store Helper	4	4	12	16
19.	Carpenter	5	1	2	3
20.	Chowkidar	2	0	0	0
21.	Naib Qasid	2	2	4	6
22.	Mali	2	1	0	1
23.	Sweeper	2	1	2	3
TOTAL			24	54	78

*[Handwritten signature]*

40

STAFF REQUIRED ON CREATION OF NEW GRID STATIONS

S#	Name of post	BPS	I-16	Talagang	D-12	G-13	Mirpur	TOTAL
1.	Junior Engineer	17	0	0	1	1	0	2
2.	SSO-I	13	5	1	4	4	1	15
3.	Foreman	13	0	0	1	1	0	2
4.	SSO-II	11	0	4	0	0	4	8
5.	AFM	11	1	0	0	0	0	1
6.	Fitter-I	9	1	0	0	0	0	1
7.	Fitter-II	7	0	1	1	1	1	4
8.	SSA	7	0	0	4	4	0	8
9.	Electrician	7	0	0	1	1	0	2
10.	Security Sergeant	8	1	0	1	1	0	3
11.	Security Guard	6	7	4	7	7	4	29
12.	ASSA	5	4	4	5	5	4	22
13.	Mali	2	1	3	2	2	3	11
14.	Sanitary Worker	2	1	2	2	2	2	9
TOTAL			21	19	29	29	19	117

4. 25% OF VACANT POSTS OF ALM, ASSA, M.R & B.D

Sr.	Category	SANCTIONED	EXISTING	VACANT	25% OF VACANT POSTS
1	Meter Reader	1179	1084	95	24
2	ALM	4265	3795	470	118
3	ASSA	361	321	40	10
4	B.D	601	448	153	38
TOTAL		6406	5648	758	190



# WAPDA ENGINEERING ACADEMY, FAISALABAD

## TRANSMISSION & DISTRIBUTION TRAINING SCHEDULE - YEAR 2012

1

REVISION - II

Courses	Sl. No.	Code	Capacity	Duration (Weeks)	Frequency	Total Days	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Refresher Course (Pre-Promotion) for S Ex-Officers/A.Es/Common Services.	16	1-472	25	3	1	05												3 21
Refresher Course (Pre-Promotion) for Senior Engineer (Distribution & T&D).	18	1-480	25	4	2	02			24 20								5 30	
Sector Specific Course (Pre-Promotion) for JE's Dist. T&D.	17	1-111	30	6	6	02	23	2 13	20 30	8 18	27			10 18				
Technical Induction Course for Junior Engineers (Dist. T&D).	17	1-112	24	8	3	04	2	24						27 10				
Upper Technical Subordinate Staff Course (Pre-Promotion) from LS/SSD to J. Engrs.	12-16	-	30	4	2	-		13 9			4 20							
Practicals for Line Superintendents.	11-18	1-440	30	2	12	-	23 27 LESCO DESCO	6 10 PESCO	12 16 GEPCO MEPCO	7 11 21 25 LESCO PESCO			27 31 LESCO	17 24 AJA	5 15 18 GEPCO PESCO	19 23 ESCO	2 7 PESCO	
Grid Station Operation/Maintenance Course for Private/Public Sector.	-	-	10	2	1	-									10 21			
Internship of Engineering University Students.	-	-	40	2-2	1	-						2 27						
Practical & Instructional Programs for Faisalabad University and MFC, Institute of Engineering & Fertilizer, Faisalabad.	-	-	40	-	-	-	9			25		6		28			3 31	

### EXPECTED HOLIDAYS - 2012

Kashmir Day  
Eid-ul-Midhun Akeel  
Pakistan Day  
Labour Day  
Independence Day  
Eid-ul-Fitr  
Eid-ul-Azha  
Iqbal Day  
Aghas (19th & 10th) Muharram-ul-Masoom  
Qurb-ul-Azam Day  
\* Subject to appearance of MOON

5th Feb.  
7th Feb.  
23rd March  
1st May  
14th August  
18th to 21st August  
26th to 28th October  
9th November  
24th to 25th November  
25th December

Composed by  
[Atias Amjad Tabir]  
PA No (CWA TS 2812) 1st 2nd 3rd Pa.

42

# WAPDA ADMINISTRATIVE STAFF COLLEGE

## REGIONAL TRAINING CENTER IESCO ISLAMABAD ANNUAL TRAINING SCHEDULE JANUARY-2012 TO DECEMBER-2012

Revision-I( Jan-2012)

S#	Course Name	Code	Intake Capacity	Duration (Weeks)	JAN 2012	FEB 2012	MAR 2012	APR 2012	MAY 2012	JUNE 2012	JULY 2012	AUG 2012	SEP 2012	OCT 2012	NOV 2012	DEC 2012
<b>General Cadre</b>																
1	Promotion Course for LDC To JDC	C-300	25	3			5 --- 23									
2	Commercial / Jr Clerk	C-370	25	3						04 --- 22						
3	Supervisor / Sr Clerk Commercial	C-470	25	2												03 --- 14
4	Promotion Course for Accounts/ Audit Assistant	A-200	25	5								27 --- 28				
5	Promotion Course for DEO/DC	Comp-100	25	3		06 --- 24										
6	Promotion Course for Assistant / Jr Supdt	A-400	25	3											12 --- 30	

### Operation / Construction Cadre

7	Promotion Course for BD To Meter Reader	C-150	25	1			26 --- 30						10 --- 14			
8	Meter Reader Course	C-200	25	2				09 --- 20						06 --- 19		
9	Promotion Course for M R To MRS-II	C-250	25	3						1 --- 29						
10	Promotion Course for MRS-II To MRS-I	C-500	25	2							02 --- 13					
11	Promotion Course for MRS-I To MRSS	C-650	25	2								27 --- 7				
12	Promotion Course for LM-II To LM-I & General Safety Course	T-300 S-100	25	6+1					2 --- 18				24 --- 9			
13	Promotion Course for LM-I To LFM & General Safety Course	T-450 S-100	25	3+1		9 --- 3 9 --- 3	15 --- 30		7 --- 1						3 --- 28 3 --- 28	
14	Promotion Course for LM-I To LS-II & General Safety Course	T-400 S-100	25	7+1		9 --- 2			28 --- 20							
15	Promotion Course for LS-II To LS-I & Accident Prevention Course	T-500 S-200	25	7+1				2 --- 25						1 --- 23		
16	General Safety/First Aid & Fire Fighting Course for Line Staff	S-100	25	1		6 --- 11	5 --- 9	23 --- 27			2 --- 6		17 --- 21		12 --- 16	

### GSO / GSC Cadre

17	Promotion Course for LM-II To LM-I (GSC)	GL-200	25	6											21 --- 30	
18	Promotion Course for LM-I To LS-II (GSC)	GL-300	25	6										10 --- 18		
19	Promotion Course for ASSA TO SSA	GS-200	25	6				16 --- 25								
20	Promotion Course for A-LM To LM-II	TL-100	25	6		9 --- 17										
21	Promotion Course for LM-II To LM-I	TL-200	25	6						4 --- 13						
22	Promotion Course for AFM To FM	MS-400	25	6							20 --- 28					
23	Promotion Course for Fitter-II To Fitter-I	MS-250	25	6			27 --- 6									
24	General Safety / First Aid & Fire Fighting Course for GSO Staff	S-150	25	1		20 --- 24		9 --- 13						3 --- 7		

**WAPDA ADMINISTRATIVE STAFF COLLEGE ISLAMABAD**

**ANNUAL TRAINING SCHEDULE JANUARY 2012 TO DECEMBER 2012**

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	Senior Management Course (SMC)	19	25	11		3	→	9				3	→	26	08
2	Middle Management Course (MMC)	18	25	9	13		→	30	9	8	→	27	26	→	11
3	Junior Management Course (JMC)	17	25	9	13	→	30			8	→	27	26	→	11
					30	→	9								
	Management Induction Course (Discos)	17	25	8											
4	Mgt. Induction Course (Non-Discos)	17	25	6	16	→	24								
	Mgt. Induction Course A.D.(F) B&AO (W/P) -		25	6											
	Mgt. Induction Course A.D.(A)WAPDA/EPECO	17	25	6											
5	Mandatory Training Course (AB&AO)	16	25/15	6				9	→	18					
6	Mandatory Training Course (AAO)	16	15	3						25	→	13			
7	Elementary Management Course (EMC) for Stenographers Sr. Superintendents Teachers Store System Supervisors (MM) Asstt. Research Officer (Water Wing) & Asstt. Security Officer, Telecom Supervisors	16	25	4		6	→	2		11	→	6	27	→	21
													5-30		
8	Project Management Course	18	15	4											
9	Pre-Promotion Sector Specific Course for Junior Engineers (Telecom) NTDC	17	15	4											
10	Training of Trainers Workshop	17- 19	15	3 Days											
11	Project Management Course	18- 19	15	2 weeks											
12	Contract Management Course	18- 19	15	1 week											

# BOARD PLAN FOR THE YEAR 2012 AT IESCO HEAD OFFICE LEVEL

Sl. No.	Name of Category	Promotion Category	Date Of Promotion
1.	Commercial Staff	a. LDC (Commercial) to Commercial Assistant b. Commercial Assistant to Commercial Superintendent c. Commercial Superintendent to AM (CS)	January & July
2.	Store Staff	a. Sr. Store Keeper to Store System Supervisor b. Junior Store Keeper to Senior Store Keeper c. Store / Stock Clerk to Junior Store Keeper d. Gate Clerk to Store/ Stock Clerk	January & July
3.	Security Staff	a. Security Guard to Security Sergeant b. Security Sergeant to Security Inspector	January & July
4.	Line Staff	a. U.T.S to Junior Engineer b. LS-II to LS-I c. LFM-II to LFM-I d. LM-I to LS-II / LFM-II	February & August
5.	Reading Staff	a. MRS-I to MRSS b. MRS-II to MRS-I c. MR to MRS-II	February & August
6.	Ministerial Staff	a. Assistant to Jr. Superintendent b. UDC to Assistant c. LDC to UDC d. LDC to Steno-II e. Steno-II to Steno-I f. Class-IV employee to LDC, ALM ASSA	March & September
7.	Accounts Staff	a. LDC to Account Assistant b. Account Assistant to AB &AO c. Account Assistant to D/Acct Officer	May & November
8.	Audit Staff	a. LDC (Audit) to Audit Assistant b. Audit Assistant to Ast: Audit Officer	May & November
9.	Computer Staff	a. DEO to Supervisor DE b. DCO to Supervisor DC	May & November
10.	Drawing Staff	a. Tracer to ADM b. ADM to HDM-B c. HDM-B to HDM-A	May & November
11.	GSO & GSC Staff	a. SSO-II to SSO-I b. AFM to Foreman c. Lab Assistant to Test Inspector d. LS-II to LS-I	June & December
12.	M&T Staff	a. Test Asstt: to Test Inspector b. Meter Mechanic to Test Asstt: c. MM Helper to Meter Mechanic d. AFM to Foreman e. Fitter-II to AFM f. Fitter Helper to Fitter	June & December

**T&P BUDGET FOR FINANCIAL YEAR 2012-13**

Sr. No.	Name of Item	Unit	Total demand of Field formations for 2012-13	Consumption				Tentative Availability			Tentative Requirement for 2012-13		
				2009-10	2010-11	2011-12	Average	Balance	Material in Pipe line	Total	Fresh Tender required	Avg. Rate (Rs.)	Total Amount Rs. (Million)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>T&amp;P items for S.Es/ P.Ds</b>													
1	Adjustable Wrench 200 mm	No.	0	421	299	162	294	155		155	300	224	67200
2	Adjustable Wrench 300 mm	No.	0	483	17	498	333	261		261	300	326	97800
5	Chain Pulley Block 3 Ton	No.	0	43	25	84	51	4	50	54	50	5865	293250
6	Chain Pulley Block 5 Ton	No.	0	26	31	26	28	28		28	30	8976	269280
10	Disconnecting Stick	No.	0	67	0	302	123	0	300	300	300	2450	735000
11	Earth Resistance Tester	No.	0	17	7	0	8	2		2	50	22500	1125000
13	Fiber Glass ladder 32'	No.	0	115	48	110	91	20		20	100	18500	1850000
17	Grip pulling Condt. 4-20mm	No.	0	0	68	51	40	80		80	100	12000	1200000
18	Grounding Set Earthing	No.	0	3	2	0	2	16		16	100	24000	2400000
20	High Voltage Detector	No.	0	0	0	0	0	0		0	150	10000	1500000
21	Insul Resistance Tester/megger 10000v	No.	0	0	0	0	0	0		0	5	15000	75000
26	Insulated side cutting plier 8'	No.	0	1116	504	390	670	725		725	500	450	225000
27	Leather protective gloves	Pair	0	2829	2795	2259	2628	1768		1768	2000	200	400000
29	Lineman Safety Belt	No.	0	318	13	470	267	688		688	500	980	490000
30	Lineman Safety boot Size 10"	No.	0	479	469	353	434	160		160	450	1850	832500
31	Lineman Safety boot Size 7"	No.	0	511	448	434	464	123		123	800	1850	1480000
32	Lineman Safety boot Size 8"	No.	0	1162	836	848	949	168		168	800	1850	1480000
33	Lineman Safety Boot Size 9"	No.	0	812	793	780	795	204		204	450	1850	832500
34	Lineman Safety Hat	No.	0	279	913	630	607	286		286	500	400	200000
35	Life saving chains	No.	0	244	264	203	237	109		109	300	950	285000
38	LT Accucheck meter	No.	0	0	0	0	0	0		0	3	500000	1500000
39	Manila Rope	Mtr	0	3725	3370	2295	3130	1205		1205	4000	130	520000
42	Rain Coat Large 54"	No.	0	72	116	198	99	5		5	150	450	67500
43	Rain Coat medium 52"	No.	0	76	295	171	131	167		167	150	450	67500
44	Rain Coat Small 50"	No.	0	97	167	135	133	105		105	150	450	67500

Sl. No.	Name of Item	Unit	Total demand of Field formations for 2012-13	Consumption				Tentative Availability			Tentative Requirement for 2012-13		
				2009-10	2010-11	2011-12	Average	Balance	Material in Pipe line	Total	Fresh Tender required	Avg. Rate (Rs.)	Total Amount Rs. (Million)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
45	Hydraulic Press Machine	No.	0	0	0	0	0	0		0	20	53000	1060000
46	Lineman Uniform for ALM Medium	suit	0	0	0	0	0	0		0	1300	1200	1560000
47	Lineman Uniform for ALM Large	suit	0	0	0	0	0	0		0	800	1200	960000
48	Lineman Uniform for LM Medium	suit	0	0	0	0	0	0		0	900	1200	1080000
49	Lineman Uniform for LM Large	suit	0	0	0	0	0	0		0	700	1200	840000
50	LT Cable Fault Locator	No.	8	0	0	0	0	0		0	8	2260000	18080000
51	HT Cable Fault Locator	No.	2	0	0	0	0	0		0	2	2388000	4776000
Grand Total													46.416

#### T&P items for GSO/GSC

1	TTR Test set (TTR-300 Hand Operated)	No.	2	0	0	0	0	0		0	2	769600	1539200
2	C&DF Test set (Model Delta-41b)	No.	1	0	0	0	0	0		0	1	3867900	3867900
3	Hi-Pot Test Set (Model 4100-10)	No.	5	0	0	0	0	0		0	5	983000	4915000
4	Primary Current Injection Test Set	No.	3	0	0	0	0	0		0	3	900000	2700000
5	Secondary Current Injection Test Set	No.	3	0	0	0	0	0		0	3	912900	2738700
6	Portable CB Analyzer TM-16	No.	2	0	0	0	0	0		0	2	1752600	3505200
7	Safety Belt (Harness)	No.	40	0	0	0	0	0		0	40	31900	1276000
8	Pully Single Way	No.	10	0	0	0	0	0		0	10	16000	160000
9	Steel Rope 1/2"	Mtr	1000	0	0	0	0	0		0	1000	164	164000
10	Steel Rope 1/2"	Mtr	1000	0	0	0	0	0		0	1000	164	164000
11	Steel Sling	No.	20	0	0	0	0	0		0	20	1600	32000
12	Nylon Sling	No.	20	0	0	0	0	0		0	20	4500	90000
Total													21.152
Grand Total													67.568



B

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

No. 1410-11 NEW/CIVIL/IESCO.

Dated: - 4 / 4 / 2012

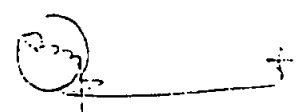
*Manager CPC*  
IESCO Islamabad.

PREPARATION OF NEW CIVIL WORKS BUDGET FOR THE FY 2012-13

REF: ED/MTG/1345 Dated 21/04/2012

The Budget Estimates of New Civil Works for the F.Year 2012-13 in respect of Executive Engineer Civil Division IESCO Islamabad along with complete relevant documents are being sent herewith for further necessary action please.

Enclosure

  
EXECUTIVE ENGINEER  
CIVIL DIVISION IESCO  
ISLAMABAD

- CC :
1. Manager CM&C IESCO Islamabad
  2. Master File

*Invd*  
*4/4/12*  
*5/4*

*[Handwritten mark]*

## BUDGET DEMAND OF NEW CIVIL WORKS FOR F.Y. 2012-13

S.No.	Name of Work	Estimated Cost
1	Construction of 10 No. Residential Flats at H-6 Islamabad	40.000
2	Construction of 16 No. Flats Out-V at G-9/2 Islamabad	20.000
3	Construction of 03 No. Officer Flats at G-5 Islamabad	15.000
4	Construction of I.T. Center at G-10 Islamabad	5.000
5	Construction of 2nd Floor for new F.D. Office Building Islamabad	5.000
6	Construction of SDO Office F.A. Bazar/Quaid-e-Azam Colony Rawp.	3.000
7	Construction of SDO/CSO Offices at Tangbad Rawp.	5.000
8	Construction of ZEN Office Banni Chowk Rawp.	6.000
9	Construction of ZEN/SDO Office Dargah Khan	7.000
10	Construction of SDO Office Islamabad-1 (Mawana Mohalla)	5.000
11	Construction of Officer/Commercial Plaza at F-10 Islamabad	5.000
12	Construction of IESCO Complex Rawal Gha Station	6.000
13	Construction of ZEN/CSO Office at Rawal Gha Station	7.000
14	Construction of 04 No. Offices Baggan at IESCO Colony G-7/4 Islamabad	15.000
15	Construction of ZEN/SDO/CSO Office (Chayaban e Kachan) Islamabad	5.000
16	Construction of CSO/Complaint Office G-10/1 Islamabad	3.000
17	Construction of CS/SP-7 Office G-10/2 Islamabad	3.000
18	Construction of Residential Flats at Haroon Hassan Rawp.	4.000
19	Construction of Model Sub Division (Banni Chowk) Rawp.	5.000

Estimated Budget for the year 2000

20	Construction of SDO/Complaint Office F-Block Ryp	4,000
21	Construction of S.E./CSO/XEN Office & Residences at P-13 Gurnan Jhalum	5,000
22	Construction of Commercial Plaza at C-1 Block of Gurnan Jhalum	5,000
23	Construction of 01 No. Officer Residences at B-Ripat Ryp	5,000
24	Construction of Field Store at P-Ghah Grid Station	5,000
25	Construction of 03 No. Flats Cat-IV at P-11 Grid Island Road	5,000
26	Construction of 03 No. Flats Cat-IV at KPR Grid Island Road	5,000
27	Construction of Boundary Wall at Rawan Grid Island Road	4,000
28	Construction of 03 No. Record Room at 220 Grid B-Mahat Island Road	1,000
29	Construction of Boundary Wall at 220 Grid B-Mahat Island Road	1,000
Total		259,000

Additional Accountant  
CIVIL DIVISION, IES, ISLAMABAD

Executive Engineer  
CIVIL DIVISION, IES, ISLAMABAD

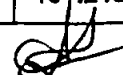
**CAPITAL BUDGET ESTIMATES FOR THE 2012-2013 AND 2013-2014 WITH ACTUAL  
EXPENDITURE OF LAST THREE YEARS IN R/O P.D (CO) IESCO ISLAMABAD.**

Description	Actual Expenditure				RS. IN MILLION		
	2008-09	2009-10	2010-11	07/11 to 03/2012	2011-2012 Budget	2012-2013 Budget estimates	2013-2014 Budget estimates
<b>DOP</b>							
New Feeder HT	144.433	84.059	39.543	27.220	100.000	112.000	125.000
New Feeder LT	226.523	151.146	121.201	49.777	130.000	145.000	163.000
Village Electrification (DOP)	97.259	109.162	51.201	17.197	25.000	28.000	32.000
<b>TOTAL DOP</b>	<b>468.215</b>	<b>344.367</b>	<b>211.945</b>	<b>94.194</b>	<b>255.000</b>	<b>285.000</b>	<b>320.000</b>
<b>ELR</b>							
Renovation HT	102.426	91.729	124.692	86.671	160.000	180.000	210.000
Renovation LT	80.250	86.717	79.918	55.766	140.000	155.000	175.000
<b>TOTAL ELR</b>	<b>182.676</b>	<b>178.446</b>	<b>204.610</b>	<b>142.437</b>	<b>300.000</b>	<b>335.000</b>	<b>385.000</b>
<b>GRAND TOTAL (DOP + ELR)</b>	<b>650.891</b>	<b>522.813</b>	<b>416.555</b>	<b>236.631</b>	<b>555.000</b>	<b>620.000</b>	<b>705.000</b>

CAPITAL BUDGET OWN SOURCES FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
		Division	Material	Overhead	Contract Work	Total
1	Construction of GSC Directorate Office Building at 132 KV G/S I-10/3 Islamabad	Civil	0.000	0.000	40.000	40.000
2	132 KV T/L I-10 (Re-Routing)	GC	3.500	0.200	1.500	5.200
	Sub Total		3.500	0.200	41.500	45.200

*[Handwritten signature]*

CAPITAL BUDGET 6th STG FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
S	Name of work	Division	Material	Overhead	Contract Work	Total
1	132KV S/C T/Line Kahuta Chaint	GC	7.412	2.016	0.584	10.012
2	132KV Grid Station I-10 Islamabad (Aug)	GC	52.414	0.000	0.000	52.414
3	132KV Grid Station Kotli (Ext)	GC	2.763	0.050	0.000	2.813
4	132KV Grid Station Chaint	GC	0.000	0.000	4.000	4.000
5	132 KV SDT T/Line Chakwal -Talagang	T&G	0.000	0.000	6.000	6.000
6	132 KV D/C T/line KTM G/S to I-8 G/S	T&G	3.000	1.000	20.000	24.000
7	132 KV Trarkhal (Sectionalization of 132 KV SDT T/Line kotli-Trar Khal-R/Kot)	T&G	1.250	0.150	0.580	1.980
	Sub Total		66.839	3.216	31.164	101.219



53

CAPITAL BUDGET ASIAN DEVELOPMENT BANK (FOREIGN) FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
<b>ADB TRANCH - I</b>						
S	Name of work	Division	Material	O/Head	C/Work	Total
1	132KV Grid Station Kahuta City (Augmentation)	GC	40.416		0.000	40.416
2	132KV Grid Station Pirwadhai. (Augmentation)	GC	46.695		1.500	48.195
4	132KV Grid Station Dina (Augmentation)	GC	40.416		0.000	40.416
5	132KV Grid Station Rawalakot (Augmentation).	GC	40.416		0.000	40.416
6	132KV Grid Station Taxila HMC ( Ext: of PTF Bay)	GC	20.000		0.000	20.000
7	132KV Grid Station Jehlum (Augmentation)	GC	46.695		1.300	47.995
9	132KV Grid Station Mirpur (Extension of TF Bay)	GC	20.000		0.000	20.000
	<b>Sub Total</b>		<b>254.638</b>	<b>0.000</b>	<b>2.800</b>	<b>257.438</b>
10	132 KV T/L Mangla Left Bank to Rajjar	T&G	80.000		10.000	90.000
11	132 KV T/L C.S.Shah to N.P.Sehti	T&G	90.000		40.000	130.000
12	132 KV G/S Khui Ratta	T&G	0.200		0.200	0.400
13	132 KV G/S I-8 Islamabad	T&G	0.000		0.900	0.900
14	132 KV G/S Rawal Islamabad	T&G	0.000		0.900	0.900
15	132 KV G/S R.B Mangla	T&G	220.000		8.000	228.000
16	132 KV G/S S.Town Rawalpindi	T&G	0.100		0.100	0.200
	<b>Sub Total</b>		<b>390.300</b>	<b>0.000</b>	<b>60.100</b>	<b>450.400</b>
<b>ADB TRANCH - II</b>						
17	132 KV G/S Noor Pur (AIS).		154.376		10.000	164.376
18	132 KV T/L From Hattian (AJK) to Bagh G/S (AJK).		158.818		40.000	198.818
19	132 KV T/L From Malgla Power Station to Rajjar G/S.		290.228		0.200	290.428
20	132 KV T/L From Choa Sayden Shah to Noopur Sethi G/S.		230.348		0.900	231.248
	<b>Sub Total</b>		<b>833.770</b>	<b>0.000</b>	<b>51.100</b>	<b>884.870</b>
	<b>G.Total</b>		<b>1478.708</b>	<b>0.000</b>	<b>114.000</b>	<b>1592.708</b>

54

CAPITAL BUDGET ASIAN DEVELOPMENT BANK (LOCAL) FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
	<b>ADB TRANCH - I</b>					
S	Name of work	Division	Material	O/Head	C/Work	Total
1	132KV Grid Station Kahuta City (Augmentation)	GC		10.508	0.500	11.008
2	132KV Grid Station Pirwadhai. (Augmentation)	GC		5.603	2.211	7.814
3	132KV Grid Station Dina (Augmentation)	GC		10.508	0.640	11.148
4	132KV Grid Station Rawalakot (Augmentation).	GC		10.508	0.411	10.919
5	132KV Grid Station Taxila HMC ( Extension of PTF Bay)	GC		2.400	0.257	2.657
6	132KV Grid Station Jehlum (Augmentation)	GC		6.603	1.665	8.268
7	132KV Grid Station Mirpur (Extension of TF Bay)	GC		2.400	0.875	3.275
	<b>Sub Total</b>		<b>0.000</b>	<b>48.530</b>	<b>6.559</b>	<b>55.089</b>
8	132 KV T/L Mangla Left Bank to Rajjar	T&G		10.200	0.568	10.768
9	132 KV T/L C.S.Shah to N.P.Sehli	T&G		11.200	35.871	47.071
10	132 KV G/S Khui Ratta	T&G		0.224	0.300	0.524
11	132 KV G/S I-8 Islamabad	T&G		0.600	0.900	1.500
12	132 KV G/S Rawal Islamabad	T&G		0.118	1.154	1.272
13	132 KV G/S R.B Mangla	T&G		26.700	8.000	34.700
14	132 KV G/S S.Town Rawalpindi	T&G		2.365	1.254	3.619
	<b>Sub Total</b>		<b>0.000</b>	<b>51.407</b>	<b>48.047</b>	<b>99.454</b>
	<b>ADB TRANCH - II</b>					
15	132 KV G/S Noor Pur (AIS).	T&G		17.330	12.000	29.330
16	132 KV T/L From Hattian (AJK) to Bagh G/S (AJK).	T&G		16.870	55.000	71.870
17	132 KV T/L From Malgla Power Station to Rajjar G/S.	T&G		13.485	4.000	17.485
18	132 KV T/L From Choa Sayden Shah to Noopur Sethi G/S.	T&G		25.000	5.000	30.000
	<b>Sub Total</b>		<b>0.000</b>	<b>72.685</b>	<b>76.000</b>	<b>148.685</b>
	<b>G.Total</b>		<b>0.000</b>	<b>172.622</b>	<b>130.606</b>	<b>303.228</b>

55

168



CAPITAL BUDGET WORLD BANK (FOREIGN) FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
S	Name of Work	Division	Material	O/Head	Contract Work	Total
1	132KV Grid Station Jhelum Cantt (New)	GC	150.000		9.000	159.000
2	132KV Grid Station Danda Shah Bilawal (Upgradation)	GC	120.000		7.200	127.200
3	132KV Grid Station Tamman (Upgradation)	GC	110.000		6.600	116.600
4	132KV Grid Station Pindi Gheb (Ext.of L.Bay)	GC	9.900		0.594	10.494
5	132KV Grid Station MES Rawalpindi (Ext.of L.Bay).	GC	9.900		0.594	10.494
6	132KV Grid Station Talagang (Ext.of L.Bay).	GC	29.700		1.782	31.482
7	132KV Grid Station Rawalpindi Cantt (Ext.of L.Bay).	GC	9.900		0.594	10.494
8	132KV Grid Station Mianwali (Ext.of L.Bay).	GC	9.900		0.594	10.494
9	132KV Grid Station Tamman (Ext.of L.Bay).	GC	9.900		0.594	10.494
10	132KV Grid Station MES Rawalpindi (New).	GC	100.019		7.379	107.398
11	132KV Grid Station Gangal (New).	GC	150.000		9.000	159.000
12	132KV Grid Station Pirwadhai (Extension).	GC	3.748		0.594	4.342
13	132KV SDT T/Line Feed For Pirwadhai-MES.	GC	61.857		3.711	65.568
14	132KV D/C MES to Cantt.	GC	6.764		1.784	8.548
15	132KV D/C Old Jhelum to Jhelum Cantt.	GC	15.923		0.955	16.878
16	132KV SDT T/Line Talagang to Tamman.	GC	86.670		5.200	91.870
17	132KV SDT T/Line Talagang to D.S.Bilawal.	GC	101.026		6.062	107.088
18	132KV SDT T/Line D.S.Bilawal -Mianwali.	GC	111.661		6.700	118.361
19	132KV SDT T/Line Lakamar-Tamman.	GC	128.542		7.713	136.255
20	132KV SDT T/Line Hattian-Bagh.	GC	76.455		4.587	81.042
21	132KV D/CT/Line Feed For Gangal.	GC	17.121		1.027	18.148
	<b>Sub Total</b>		<b>1318.986</b>	<b>0.000</b>	<b>79.139</b>	<b>1401.250</b>
22	132 KV T/L Choa Saidan Shah to Dandot	T&G	9.000		1.140	10.140
23	132 KV T/L Dandot to Pinanwal for Pinanwal G/S	T&G	2.000		2.520	4.520
24	132 KV T/L Murree to Minhasa (Conversion)	T&G	32.139		2.940	35.079
25	132 KV T/L Murree to Nathiagali for Ring System & 2nd Source.	T&G	11.000		6.660	17.660
26	132 KV Azad Pattan to Pindri T/L for Ring System & 2nd Source	T&G	1.000		1.800	2.800
27	132 KV Feed for Adyala G/S (In/Out of Rewat to Chakri)	T&G	9.000		0.540	9.540

28	132 KV T/L Feed for Bahtar More G/S In & Out of Burhan Sangjani T/L	T&G	38.490		2.309	40.799
29	132 KV Basai to Jand for conversion of Jand G/S	T&G	90.000		5.400	95.400
30	132 KV Jand to Lakamar for conv. of Lakamar G/S	T&G	90.000		5.400	95.400
31	132 KV T/L Pindi Gheb-Talagang for Ring System & second source.	T&G	40.000		2.400	42.400
32	132 KV T/Line Remodeling for University to Nilore	T&G	14.000		0.840	14.840
33	132 KV Adyala Road (Jarahi) Rawalpindi (Turn Key)	T&G	253.000		21.180	274.180
34	132 KV Bahtar More Wah G/STATION (Turn Key)	T&G	141.000		20.460	161.460
35	132 KV G/S Dandot (Under World Bank APL-I)	T&G	12.188		1.920	14.108
36	132 KV G/S Pinarwal (Under World Bank APL-I)	T&G	17.177		1.980	19.157
37	33 KV G/S Minhasa (NCB-102)	T&G	40.000		3.000	43.000
38	132 KV Fatehjang	T&G	7.000		0.480	7.480
39	132 KV C.S Shah	T&G	7.000		0.480	7.480
40	132 KV Trarkhal	T&G	8.937		1.153	10.090
41	132 KV Murree	T&G	18.222		1.093	19.315
42	132 KV Azad Pattan	T&G	10.000		0.900	10.900
43	132 KV Sohawa	T&G	150.000		18.000	168.000
44	132 KV Jand	T&G	120.000		13.200	133.200
45	132 KV Lakamar	T&G	120.000		13.200	133.200
	S.TOTAL		1241.153	0.000	74.469	1370.149
	G.TOTAL		2560.139	0.000	153.608	2771.399

57

62

CAPITAL BUDGET WORLD BANK (LOCAL) FOR THE FINANCIAL YEAR 2012-13						
IN RESPECT OF PROJECT DIRECTOR GSC IESCO ISLAMABAD						
S	Name of Work	Division	Material	Overhead	C/Work	Total
1	132KV Grid Station Jhelum Cantt (New)	GC		18.000	9.000	27.000
2	132KV Grid Station Danda Shah Bilawal (Upgradation)	GC		14.400	7.200	21.600
3	132KV Grid Station Tamman (Upgradation)	GC		13.200	6.600	19.800
4	132KV Grid Station Pindi Gheb (Ext.of L.Bay)	GC		1.188	0.594	1.782
5	132KV Grid Station MES Rawalpindi (Ext.of L.Bay).	GC		1.188	0.594	1.782
6	132KV Grid Station Talagang (Ext.of L.Bay).	GC		3.564	1.782	5.346
7	132KV Grid Station Rawalpindi Cantt (Ext.of L.Bay).	GC		1.188	0.594	1.782
8	132KV Grid Station Mianwali (Ext.of L.Bay).	GC		1.188	0.594	1.782
9	132KV Grid Station Tamman (Ext.of L.Bay).	GC		1.188	0.594	1.782
10	132KV Grid Station MES Rawalpindi (New).	GC		14.758	7.379	22.137
11	132KV Grid Station Gangal (New).	GC		18.000	9.000	27.000
12	132KV Grid Station Pirwadhai (Extension).	GC		1.188	0.594	1.782
13	132KV SDT T/Line Feed For Pirwadhai-MES.	GC		7.423	3.711	11.134
14	132KV D/C MES to Cantt.	GC		3.567	1.784	5.351
15	132KV D/C Old Jhelum to Jhelum Cantt.	GC		1.911	0.955	2.866
16	132KV SDT T/Line Talagang to Tamman.	GC		10.400	5.200	15.601
17	132KV SDT T/Line Talagang to O.S.Bilawal.	GC		12.123	6.062	18.185
18	132KV SDT T/Line D.S.Bilawal -Mianwali.	GC		13.399	6.700	20.099
19	132KV SDT T/Line Lakamar-Tamman.	GC		15.425	7.713	23.138
20	132KV SDT T/Line Hattian-Bagh.	GC		9.175	4.587	13.762
21	132KV D/CT/Line Feed For Gangal.	GC		2.055	1.027	3.082
22	132KV SDT T/Line Fateh Jang-Pindi Gheb.	GC		0.000	0.000	0.000
	Sub Total			164.528	82.264	246.792
23	132 KV T/L Choa Saidan Shah to Dandot	T&G		2.280	1.140	3.420
24	132 KV T/L Dandot to Pinarwal for Pinarwal G/S	T&G		5.040	2.520	7.560
25	132 KV T/L Murree to Minhasa (Conversion)	T&G		5.880	2.940	8.820
26	132 KV T/L Murree to Nathiagali for Ring System & 2nd Source.	T&G		13.320	6.660	19.980
27	132 KV Azad Pattan to Plandri T/L for Ring System & 2nd Source	T&G		3.600	1.800	5.400

28	132 KV Feed for Adyala G/S (In/Out of Rewat to Chakri)	T&G		1.080	0.540	1.620
29	132 KV T/L Feed for Bahtar More G/S in & Out of Burhan Sangjani T/L	T&G		4.619	2.309	6.928
30	132 KV Basal to Jand for conversion of Jand G/S	T&G		10.800	5.400	16.200
31	132 KV Jand to Lakarmar for conv. of Lakarmar G/S	T&G		10.800	5.400	16.200
32	132 KV T/L Pindi Gheb-Talagang for Ring System & second source.	T&G		4.800	2.400	7.200
33	132 KV T/Line Remodeling for University to Nilore	T&G		1.680	0.840	2.520
34	132 KV Adyala Road (Jarahi) Rawalpindi (Turn Key)	T&G		22.360	21.180	43.540
35	132 KV Bahtar More Wah G/STATION (Turn Key)	T&G		20.920	20.460	41.380
36	132 KV G/S Dandot (Under World Bank APL-I)	T&G		3.840	1.920	5.760
37	132 KV G/S Pinanwal (Under World Bank APL-I)	T&G		3.960	1.980	5.940
38	33 KV G/S Minhassa (NCB-102)	T&G		6.000	3.000	9.000
39	132 KV Fatehjang	T&G		0.960	0.480	1.440
40	132 KV C.S Shah	T&G		0.960	0.480	1.440
41	132 KV Trarkhal	T&G		2.307	1.153	3.460
42	132 KV Murree	T&G		2.187	1.093	3.280
43	132 KV Azad Pattan	T&G		1.800	0.900	2.700
44	132 KV Sohawa	T&G		26.000	18.000	44.000
45	132 KV Jand	T&G		16.400	13.200	29.600
46	132 KV Lakarmar	T&G		16.400	13.200	29.600
	<b>S.TOTAL</b>		<b>0.000</b>	<b>187.992</b>	<b>128.996</b>	<b>316.988</b>
47	132 KV G/S Adyala Road Rawalpindi	Civil		0.000	40.000	40.000
48	132 KV G/S Gangal	Civil		0.000	40.000	40.000
49	132 KV G/S Bahtar More	Civil		0.000	30.000	30.000
	<b>S.TOTAL</b>		<b>0.000</b>	<b>0.000</b>	<b>110.000</b>	<b>110.000</b>
	<b>G.TOTAL</b>		<b>0.000</b>	<b>352.520</b>	<b>321.260</b>	<b>673.780</b>

64

59

00. 064

(C61)

Annex - C

## ISLAMABAD ELECTRIC SUPPLY COMPANY

## Shedual of Comparitive Charges

(Monthly, Quarterly as well as Consolidated)

Description	NEPRA Existing Tariff		Proposed New Tariff	
	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge
	(Rs/kW/M)	(Rs/kWh)	(Rs/kW/M)	(Rs/kWh)
<b>Residential</b>				
Up to 50 Units		3.00		7.50
For peak load requirement up to 5 kW				
01-100 Units		8.70		13.87
101-300 Units		10.20		15.30
301-700 Units		14.00		19.60
Above 700 Units		16.50		22.28
For peak load requirement exceeding 5 kW				
Time of Use (TOU) - Peak		15.50		22.48
Time of Use (TOU) - Off-Peak		9.10		11.38
Temporary E-1 (i)		16.50		23.10
<b>Total Residential</b>				
<b>Commercial - A2</b>				
Commercial -				
For peak load requirement up to 5 kW		16.50		20.63
Commercial (< 100)				
Commercial (< 20 KW)				
For peak load requirement exceeding 5 kW				
Regular	400	11.00	460	15.95
Time of Use (TOU) - Peak (A-2)	400	15.00	460	21.75
Time of Use (TOU) - Off-Peak (Temp)	400	9.30	460	11.35
Temporary E-1 (ii)		16.50		21.45
<b>Total Commercial</b>				
<b>Industrial</b>				
B1		11.70		15.44
B1 - TOU (Peak)		15.50		21.08
B1 - TOU (Off-peak)		9.10		11.47
B2	400	10.30	460	13.96
B2 - TOU (Peak)	400	14.30	460	20.07
B2 - TOU (Off-peak)	400	9.00	460	11.25
B3 - TOU (Peak)	380	14.10	440	19.74
B3 - TOU (Off-peak)	380	8.90	440	11.13
B4 - TOU (Peak)	360	13.90	415	19.46
B4 - TOU (Off-peak)	360	8.80	415	11.00
Temporary		11.70		
<b>Total Industrial</b>				
<b>Bulk</b>				
C1(a) Supply at 400 Volts - up to 5 kW		12.50		17.50
C1(b) Supply at 400 Volts - exceeding 5 kW	400	11.50	460	16.10
Time of Use (TOU) - Peak	400	14.30	480	20.02
Time of Use (TOU) - Off-Peak	400	9.00	460	11.25
C2 Supply at 11 kV	380	11.30	440	15.82
Time of Use (TOU) - Peak	380	14.10	440	19.74
Time of Use (TOU) - Off-Peak	380	8.90	440	11.13
C3 Supply above 11 kV	360	11.10	415	15.54
Time of Use (TOU) - Peak	360	13.90	415	19.46
Time of Use (TOU) - Off-Peak	360	8.80	415	11.00
Temporary E-2 (i)				
<b>Total Single Point Supply</b>				
<b>Agricultural Tube-wells - Tariff D</b>				
D1 Scarp		11.20		16.24
D2 Agricultural Tube-wells	200	8.00	230	9.60
Time of Use (TOU) - Peak D-2	200	13.00	230	18.85
Time of Use (TOU) - Off-Peak D2	200	6.00	230	9.60
<b>Total Agricultural</b>				
<b>Public Lighting G</b>		15.00		19.50
<b>Residential Colonies (I)</b>		14.00		18.20
<b>Special Contracts - Tariff K (AJK)</b>	360	9.80	360	9.80
Time of Use (TOU) - Peak	360	11.59	360	11.59
Time of Use (TOU) - Off-Peak	360	8.41	360	8.41
<b>Rawal Lab K (D)</b>		11.50		16.10
<b>Railway Traction Traction - I</b>				
<b>Co-Generation-J</b>				

065

60

# STANDARD PETITION FORMATS FOR DISTRIBUTION COMPANIES

## INDEX

FORM NO.	DESCRIPTION
<u>1</u>	Company Statistics
<u>2</u>	Profit & Loss Statement
<u>3</u>	Profit & Loss Statement ( Month wise )
<u>4</u>	Balance Sheet
<u>5</u>	Cash Flow Statement
<u>6</u>	Power Purchase (Provisional for the Last Corresponding period)
<u>7</u>	Line Losses Statement
<u>8</u>	DISCO load factors
<u>9</u>	Average Rate per Unit Purchased and Sold
<u>10</u>	DEMAND (Actual and Calculated) and Number of Customers
<u>11</u>	Sold Energy Evaluation and Setting up Sold Energy Average
<u>12</u>	Load Growth Evaluation and Setting up Load Average
<u>13</u>	Asset Register
<u>14</u>	Aging of Accounts Receivables
<u>15</u>	Sales Growth with Distribution losses
<u>16</u>	Operating Cost
<u>17</u>	Distribution Margin Comparison
<u>18</u>	Financial Charges
<u>19</u>	RORB Calculation
<u>20</u>	Revenue Requirement
<u>21</u>	Investment
<u>22</u>	Interest on Development Loans
<u>23</u>	Development Loan Disbursement
<u>24</u>	BONDS
<u>25</u>	Domestic Consumer's Analysis
<u>26</u>	Provision for Tax
<u>27</u>	Existing and Proposed Tariff Statement
<u>28</u>	Revenue and Subsidy Statement
<u>29</u>	Proposed Revenue and Subsidy Statement

## FORM - 1

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Company Statistics

Peak demand during FY 2011-12	MW	1645
Number of Consumers (Est)	No.	2,256,820
Area (Circles Estimated)	Sq KM	45,000
Circles	No.	9
Divisions	No.	36
Sub Divisions	No.	145
Length of Feeders	Km	22,874
Average Length of Feeders	Km	28.8
Maximum Length of Feeder	Km	393
Minimum Length of Feeder	Km	0.15
Target for new connections		90,000
Length of High Voltage Transmission lines (13 km		2,605.5
Length of STG lines (66 and 11 kV),	km	581.3
Length of Low Voltage Distribution lines (400 \ km		25,392
Number of HV transformers	No	260
Number of <b>burned down</b> HV transformers	No	Nil
Number of STG transformers	No	206
Number of <b>burned down</b> STG transformers	No	Nil
Number of LV transformers	No	41,727 Up to 3/2012
Number of <b>burned down</b> LV transformers	No	1,033 Up to 3/2012

	Strength		Cost *	
	June-12	June-13 Projected	June-12 Provisional	June-13 Projected
<b>Number of Employees</b>	13611	14418		
<b>A Qualified Professionals</b>	380	425		
Engineers	286	325		
Others	94	100		
<b>B Staff</b>	13231	13993		
Technical	8823	9240		
Clerical	623	661		
Non Technical	3785	4092		
<b>Total</b>			4,871	5,871

62

067

FORM - 2

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Profit &amp; Loss Statement

2011-12					2012-13				
		Jul to March Prov	Apr to Jun	Provisional	Projected	Q 1	Projected	Q 3	Projected
<b>Power Balances</b>									
Units Received	[MkWh]	6,229	2,101	8,330	8,327	2,665	1,923	1,656	2,083
Units Lost	[MkWh]	494	300	793	790	270	145	69	306
Units Lost	[%age]	7.92%	14.26%	9.52%	9.49%	10.13%	7.54%	4.17%	14.71%
Units Sold	[MkWh]	5,735	1,802	7,537	7,537	2,395	1,778	1,587	1,777
<b>Revenue</b>									
Sales Revenue	[Mln Rs]	46,156	17,618	63,774	94,531	30,041	22,302	19,906	22,283
Subsidy	[Mln Rs]	4,178	6,018	10,196	-	-	-	-	-
Fuel Price Adjustment	[Mln Rs]	-	-	-	-	-	-	-	-
Total Sales Revenue	[Mln Rs]	50,334	23,636	73,970	94,531	30,041	22,302	19,906	22,283
Rental & Service Income	[Mln Rs]	21	7	28	31	8	8	8	8
Amortization of Def Credits	[Mln Rs]	569	219	788	867	201	205	220	241
Other Income	[Mln Rs]	1,479	2	1,481	1,376	587	517	295	(22)
Total Revenue	[Mln Rs]	52,402	23,864	76,266	96,805	30,836	23,031	20,428	22,510
<b>Operating Cost</b>									
Power Purchase Cost	[Mln Rs]	58,511	20,971	79,482	83,439	23,019	18,634	19,817	21,970
O&M Expenses	[Mln Rs]	4,221	2,041	6,262	7,516	1,809	1,618	1,850	2,240
Depreciation	[Mln Rs]	1,101	378	1,479	1,549	381	383	392	393
Amortization	[Mln Rs]	-	-	-	-	-	-	-	-
Provision for Bad Debt	[Mln Rs]	-	-	-	-	-	-	-	-
Total Operating Cost	[Mln Rs]	63,833	23,390	87,223	92,505	25,209	20,634	22,059	24,603
Operating Income	[Mln Rs]	(11,431)	474	(10,957)	4,301	5,628	2,397	(1,631)	(2,093)
Working Capital	[Mln Rs]	-	-	-	1,676	533	395	353	395
EBIT	[Mln Rs]	(11,431)	474	(10,957)	2,625	5,095	2,002	(1,984)	(2,488)
Financial Charges	[Mln Rs]	87	49	136	360	84	89	92	95
EBT	[Mln Rs]	(11,518)	425	(11,093)	2,265	5,011	1,913	(2,076)	(2,583)
Tax	[Mln Rs]	-	-	-	-	-	-	-	-
EAT	[Mln Rs]	(11,518)	425	(11,093)	2,265	5,011	1,913	(2,076)	(2,583)
WPPF	[Mln Rs]	-	-	-	113	251	96	(104)	(129)
Profit for the period	[Mln Rs]	(11,518)	425	(11,093)	2,152	4,761	1,817	(1,972)	(2,454)
Prior Year Adjustment	[Mln Rs]	-	-	-	10,092	3,207	2,381	2,125	2,379
Net Profit		-	-	-	12,243	7,968	4,198	153	(75)

63

000 008



FORM - 3

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Profit &amp; Loss Statement (Provisional 2011-12)

		Month 1	Month 2	Month 3	1st Qtr's Total	Month 4	Month 5	Month 6	2nd Qtr's Total	Month 7	Month 8	Month 9	3rd Qtr's Total	Month 10	Month 11	Month 12	4th Qtr's Total	Total
<b>Power Balances</b>																		
Units Received	(MkWh)	884	951	829	2,664	709	586	598	1,893	558	569	545	1,672	580	716	805	2,101	8,330
Units Lost	(MkWh)	134	164	1	299	37	-	58	95	38	34	28	100	39	144	117	300	793
Units Lost	(%)	15.16%	17.25%	0.12%	11.22%	5.15%	0.00%	9.70%	4.99%	6.81%	5.98%	5.14%	5.98%	6.64%	20.11%	14.53%	14.26%	9.52%
Units Sold	(MkWh)	750	787	828	2,365	672	586	540	1,798	520	535	517	1,572	542	572	688	1,802	7,537
		0.631	0.612	0.594	0.612	0.634	0.737	0.807	0.720	1.058	0.860	0.909	0.941	1.280	1.012	1.118	1.133	0.831
		8.55													-80	-120		
<b>Revenue</b>																		
Sales Revenue	(Min Rs)	5,896	5,842	7,103	18,841	4,887	5,051	4,882	14,820	3,709	3,615	5,171	12,495	3,684	5,012.00	8,922.00	17,618	63,774
Subsidy	(Min Rs)	406	517	552	1,475	478	455	420	1,353	375	392	583	1,350	1,869	1,941	2,208	6,018	10,198
Total Sales Revenue	(Min Rs)	6,302	6,359	7,655	20,316	5,365	5,506	5,302	16,173	4,084	4,007	5,754	13,845	5,553	6,953	11,130	23,636	73,970
Rental & Service Income	(Min Rs)	2	2	2	6	2	2	2	7	2	2	2	7	2	2	2	7	28
Amortization of Def Credits	(Min Rs)	61	61	61	183	61	62	63	186	63	68	69	200	71	73	75	219	788
Other Income	(Min Rs)	190	216	225	631	151	186	194	531	132	19	166	317	110	(63)	(45)	2	1,481
Total Revenue	(Min Rs)	6,555	6,638	7,943	21,136	5,579	5,756	5,561	16,897	4,281	4,096	5,991	14,369	5,736	6,965	11,162	23,864	76,266
<b>Operating Cost</b>																		
Power Purchase Cost	(Min Rs)	7,260	8,171	6,508	21,939	6,437	5,259	5,859	17,555	6,682	5,656	6,679	19,017	6,858	7,381	6,732	20,971	79,482
O&M Expenses	(Min Rs)	473	482	492	1,447	428	432	436	1,294	550	460	470	1,480	693	579	769	2,041	6,262
Depreciation	(Min Rs)	119	119	120	358	120	122	125	367	125	125	126	376	126	126	126	378	1,479
Amortization	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provision for Bad Debt	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Cost	(Min Rs)	7,852	8,772	7,120	23,744	6,983	5,813	6,420	19,216	7,357	6,241	7,275	20,873	7,577	8,086	7,627	23,390	87,223
EBIT	(Min Rs)	(1,297)	(2,134)	823	(2,608)	(1,404)	(57)	(859)	(2,319)	(3,076)	(2,145)	(1,284)	(6,504)	(1,941)	(1,121)	3,535	474	(10,957)
Financial Charges	(Min Rs)	13	14	13	40	1	34	-	35	1	11	-	12	1	26	22	49	136
EBT	(Min Rs)	(1,310)	(2,148)	810	(2,648)	(1,405)	(91)	(859)	(2,354)	(3,077)	(2,156)	(1,284)	(6,516)	(1,942)	(1,147)	3,513	425	(11,093)
Tax	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAT	(Min Rs)	(1,310)	(2,148)	810	(2,648)	(1,405)	(91)	(859)	(2,354)	(3,077)	(2,156)	(1,284)	(6,516)	(1,942)	(1,147)	3,513	425	(11,093)
WPPF	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Profit for the period	(Min Rs)	(1,310)	(2,148)	810	(2,648)	(1,405)	(91)	(859)	(2,354)	(3,077)	(2,156)	(1,284)	(6,516)	(1,942)	(1,147)	3,513	425	(11,093)

\* Where actual figures are available, these should be replaced by the actual figures.

64

## Profit &amp; Loss Statement 2012-13

Projected

		Month 1	Month 2	Month 3	1st Qrt's Total	Month 4	Month 5	Month 6	2nd Qrt's Total	Month 7	Month 8	Month 9	3rd Qrt's Total	Month 10	Month 11	Month 12	4th Qrt's Total	Total
<b>Power Balances</b>																		
Units Received	(MkWh)	874	941	850	2,665	719	596	608	1,923	553	563	540	1,656	585	719	779	2,083	8,327
Units Lost	(MkWh)	114	144	12	270	57	10	78	145	28	23	18	69	49	153	104	306	790
Units Lost	(%)	13.04%	15.30%	1.41%	10.13%	7.93%	1.68%	12.83%	7.54%	5.06%	4.09%	3.33%	4.17%	8.45%	21.28%	13.35%	14.71%	9.49%
Units Sold	(MkWh)	760	797	838	2,395	662	586	530	1,778	525	540	522	1,587	536	566	675	1,777	7,537
<b>Revenue</b>																		
Sales Revenue	(Min Rs)	9,533	9,997	10,511	30,041	8,304	7,350	6,648	22,302	6,585	6,773	6,547	19,906	6,717	7,099	8,466	22,283	94,531
Subsidy	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Sales Revenue	(Min Rs)	9,533	9,997	10,511	30,041	8,304	7,350	6,648	22,302	6,585	6,773	6,547	19,906	6,717	7,099	8,467	22,283	94,531
Rental & Service Income	(Min Rs)	3	3	3	8	3	3	3	8	3	3	3	8	3	3	3	8	31
Amortization of Def Credits	(Min Rs)	67	67	67	201	67	68	69	205	69	75	76	220	78	80	83	241	867
Other Income	(Min Rs)	177	201	209	587	140	173	204	517	123	18	154	295	78	(59)	(42)	(22)	1,376
Total Revenue	(Min Rs)	9,779	10,267	10,790	30,836	8,514	7,584	6,923	23,031	6,780	6,868	6,780	20,428	6,876	7,124	8,510	22,510	96,805
<b>Operating Cost</b>																		
Power Purchase Cost	(Min Rs)	7,558	8,511	6,949	23,019	6,833	5,578	6,223	18,634	6,968	5,884	6,965	19,817	7,264	7,779	6,927	21,970	83,439
O&M Expenses	(Min Rs)	591	603	615	1,809	533	540	545	1,618	688	575	588	1,850	757	637	846	2,240	7,516
Depreciation	(Min Rs)	127	127	127	381	127	128	128	383	130	131	131	392	131	131	131	393	1,549
Amortization	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Provision for Bad Debt	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Operating Cost	(Min Rs)	8,276	9,241	7,691	25,209	7,493	6,246	6,896	20,634	7,786	6,590	7,684	22,059	8,152	8,547	7,904	24,603	92,505
<b>Operating Income</b>	(Min Rs)	1,503	1,026	3,099	5,628	1,021	1,348	28	2,397	(1,006)	279	(904)	(1,631)	(1,276)	(1,423)	606	(2,093)	4,301
Working Capital Requirement	(Min Rs)	169	177	186	533	147	130	118	395	117	120	116	353	119	126	150	395	1,676
EBIT	(Min Rs)	1,334	849	2,912	5,095	874	1,218	(90)	2,002	(1,123)	159	(1,020)	(1,984)	(1,395)	(1,549)	456	(2,488)	2,625
Financial Charges	(Min Rs)	-	-	84	84	-	-	89	89	-	-	92	92	-	-	95	95	360
EBT	(Min Rs)	1,334	849	2,828	5,011	874	1,218	(179)	1,913	(1,123)	159	(1,112)	(2,076)	(1,395)	(1,549)	361	(2,583)	2,265
Tax	(Min Rs)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EAT	(Min Rs)	1,334	849	2,828	5,011	874	1,218	(179)	1,913	(1,123)	159	(1,112)	(2,076)	(1,395)	(1,549)	361	(2,583)	2,265
WPPF	(Min Rs)	67	42	141	251	44	61	(9)	96	(56)	8	(56)	(104)	(70)	(77)	18	(129)	113
Profit for the period	(Min Rs)	1,267	807	2,687	4,761	830	1,157	(170)	1,817	(1,067)	151	(1,056)	(1,972)	(1,325)	(1,472)	343	(2,454)	2,152
Prior Year Adjustment		1,017.65	1,067.20	1,122.10	3,206.94	888.43	784.66	709.68	2,380.77	702.98	723.07	698.97	2,125.02	717.10	757.88	903.84	2,378.82	10,092
Net Profit		2,284.52	1,873.87	3,809.11	7,967.51	1,716.26	1,941.92	539.59	4,197.76	(363.57)	873.75	(357.08)	153.11	(608.14)	(713.83)	1,246.66	(75.31)	12,243

\* Where actual figures are available, these should be replaced by the actual figures.

## FORM - 4

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Balance Sheet [in million Rupees]

Description	Provisional FY as on 30/6/2012	2012-13			
		Q1 projected	Q2 Projected	Q3 Projected	Q4 Projected
Intangible Fixed Assets	-	-	-	-	-
Net Fixed Assets in Operations	48,999	50,509	52,199	53,749	56,246
<b>Total Net Fixed Assets in Operations</b>	<b>48,999</b>	<b>50,509</b>	<b>52,199</b>	<b>53,749</b>	<b>56,246</b>
Capital Work in Progress	4,944	5,029	5,139	5,194	5333
Long Term Loans to Employees	51	53	49	46	44
Deferred Cost & Long Term Deposits	4,995	5,082	5,188	5,240	5,377
<b>Current Assets</b>					
Stores & Spares	1,876	2,958	2,641	2553	2184
Trade Debts	8,305	9,981	10,416	12301	18120
Advances, Prepayments, Other Receivables	3,489	8,261	9,752	10322	7242
Tariff Subsidy (Receivable from GoP)					
Receivable from Associated Companies					
Cash & Bank Balances	2,507	2,837	3,159	3369	3676
<b>Total Current Assets</b>	<b>16,177</b>	<b>24,037</b>	<b>25,968</b>	<b>28,545</b>	<b>31,222</b>
<b>Total Assets</b>	<b>70,172</b>	<b>79,629</b>	<b>83,356</b>	<b>87,535</b>	<b>92,845</b>
Subscribed Equity	5,798	5,798	5,798	5,798	5,798
Unappropriated Profit	(4,820)	3,148	7,345	7,498	10,387
<b>Total Equity</b>	<b>978</b>	<b>8,946</b>	<b>13,143</b>	<b>13,296</b>	<b>16,185</b>
<b>Surplus on Revaluation of Fixed Assets</b>	<b>11007</b>	<b>11007</b>	<b>11007</b>	<b>11007</b>	<b>10764</b>
<b>Long Term Liability</b>					
Security Deposits	2,575	2,507	2,562	2,615	2671
Employee Retirement Benefits	5,678	5,813	5,948	5,813	5,678
TFCs & SUKUK					
Deferred Credits	16,991	17,591	18,201	18,811	18612
Total Long Term Loan	4,787	8,787	9,052	9,340	8788
<b>Total Long Term Liability</b>	<b>30,031</b>	<b>34,698</b>	<b>35,763</b>	<b>36,579</b>	<b>35,749</b>
<b>Current Liability</b>					
Current Maturity on Long Term Loans	862	862	862	862	608
Subsidy Received in Advance from GoP					
Provision for Taxation (Deferred)	3,025	3,025	3,025	3025	3025
Payable to NTDC					
Creditors, Accrued and Other Liabilities	24,269	21,091	19,556	22765	26514
<b>Total Current Liability</b>	<b>28,156</b>	<b>24,978</b>	<b>23,443</b>	<b>26,652</b>	<b>30,147</b>
<b>Total Liabilities and Commitments</b>					
<b>Total Liabilities and Equity</b>	<b>70,172</b>	<b>79,629</b>	<b>83,356</b>	<b>87,535</b>	<b>92,845</b>

While submitting Quarterly Petitions, this form should be submitted with actual balance sheet of previous quarters and projected balance sheet of next quarter. The Balance Sheet should be substantiated with notes to the accounts.

66

071

FORM - 5  
ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Cash Flow Statement [in million Rupees]

Description		2012-13			
		Projected for Qtr/FY ending	Projected for Qtr/FY ending	Projected for Qtr/FY ending	Projected for Qtr/FY ending
		Q 1	Q 2	Q 3	Q 4
Average Monthly Demand Index (MDI)	[MW]				
Units Purchased	[GWh]	2,665	1,923	1,656	2,083
Transmission Losses (132 kV)	[GWh]				
Distribution Losses	[GWh]	270	145	69	306
Units Sold to Customers	[GWh]	2,395	1,778	1,587	1,777
Average Tariff Required	[Rs/unit]	14.10	14.10	14.10	14.10
Average Tariff Existing	[Rs/unit]	10.74	10.74	10.74	10.74
Tariff Difference	[Rs/unit]	3.360	3.360	3.360	3.360
Revenue from Sales		30,041	22,302	19,906	22,283
Collection from Required	[%]	98.0%	98.0%	98.0%	98.0%
<b>Inflows from Operations</b>					
Collection from Current Sales		29,440	21,856	19,508	21,838
Prior Year Recovery /Working Capital		3,665	2,721	2,428	2,718
<b>Total Inflows from Operations</b>		<b>33,105</b>	<b>24,576</b>	<b>21,936</b>	<b>24,556</b>
<b>Outflow from Operations</b>					
Payment for electricity (to CPPA)		23,019	18,634	19,817	21,970
Distribution Service Cost (=DMC)		1,809	1,618	1,850	2,240
<b>Total Outflow from Operations</b>		<b>24,828</b>	<b>20,251</b>	<b>21,667</b>	<b>24,210</b>
<b>Surplus/Deficit from Operations</b>		<b>8,277</b>	<b>4,325</b>	<b>269</b>	<b>346</b>
<b>Inflows from Other Sources</b>					
Capital Contributions		801	815	830	42
Consumer Security Deposits		50	55	53	56
Other Incomes		796	730	523	226
GOP Subsidy (Actual and Estimated)		0	0	0	0
Long Term Loan / Redeemable Capital		4,126	317	545	545
<b>Total Inflows from Other Sources</b>		<b>5,773</b>	<b>1,918</b>	<b>1,951</b>	<b>869</b>
<b>Outflow Others</b>					
Financial Charges		84	89	92	95
Repayment of Long Term Loans		126	52	256	1,097
Investment Program		1,727	1,996	2,533	2,821
Working Capital/Other Changes		11,783	3,782	-872	-3,105
<b>Total Outflow Others</b>		<b>13,720</b>	<b>5,919</b>	<b>2,009</b>	<b>908</b>
<b>Surplus/Deficit Others</b>					
<b>Total Inflows (Operations + Others)</b>		<b>38,878</b>	<b>26,492</b>	<b>23,887</b>	<b>25,425</b>
<b>Total Outflows (Operations + Others)</b>		<b>38,548</b>	<b>26,170</b>	<b>23,677</b>	<b>25,118</b>
<b>Opening Balance</b>		<b>2,507</b>	<b>2,837</b>	<b>3,159</b>	<b>3,369</b>
<b>Surplus/Deficit for Fiscal Year</b>		<b>330</b>	<b>322</b>	<b>210</b>	<b>307</b>
<b>Deficit from Financing/Loans</b>					
<b>Closing Balance</b>		<b>2,837</b>	<b>3,159</b>	<b>3,369</b>	<b>3,676</b>
		0	(0)	0	0

While submitting Quarterly Petitions, this form should be submitted with actual cash flow of previous quarters and projected cash flow of next quarter.

FORM - 6

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Power Purchase (Provisional for the Last Corresponding period)

		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
Demand & Energy		1.73												
Units Received	[MkWh]	884	951	829	709	586	598	558	569	545	580	716	805	8,330
MDI	[MW]	2.01	2.08	1.96	1.77	1.52	1.58	1.30	1.35	1.23	1.21	1.73	1.55	
Energy Purchase Price	[Rs/ kWh]	6.4275	6.6621	5.6736	6.9531	6.3269	7.2667	9.2862	7.1874	9.6355	9.6950	8.0656	6.6956	7.3247
Capacity Purchase Price	[Rs/ kW/ M]	1.5894	1.7424	1.9747	1.9153	2.4249	2.3027	2.4875	2.5483	2.4239	1.9483	2.0349	1.5033	2.0181
Transmission Charge	[Rs/ kW/ M]	0.1957	0.1882	0.2027	0.2145	0.2235	0.2274	0.2007	0.2039	0.1945	0.1793	0.2081	0.1658	0.1992
Power Purchase Cost														
Energy Charge	[Min Rs]	5.682	6.336	4.703	4.926	3.708	4.346	5.182	4.090	5.251	5.623	5.775	5.390	61,011
Capacity Charge	[Min Rs]	1.405	1.657	1.637	1.357	1.421	1.377	1.388	1.450	1.321	1.130	1.457	1.210	16,810
Transmission Charge	[Min Rs]	173	179	168	152	131	136	112	116	106	104	149	133	1,659
Adjustment **	[Min Rs]													
Total Operating Cost	[Min Rs]	7,260	8,172	6,508	6,435	5,260	5,859	6,682	5,656	6,678	6,857	7,381	6,734	79,481

FORM - 6 (A)

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Power Purchase (Projected\*)

		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
Demand & Energy														
Units Received	[MkWh]	874	941	850	719	596	608	553	563	540	585	719	779	8,327
MDI	[MW]	2.05	2.13	1.99	1.80	1.56	1.61	1.33	1.38	1.26	1.23	1.77	1.58	1.64
Energy Purchase Price	[Rs/ kWh]	6.8014	7.0497	6.0037	7.3577	6.6950	7.6895	9.8265	7.6056	10.1961	10.2590	8.5349	7.1281	7.7509
Capacity Purchase Price	[Rs/ kW/ M]	1.6445	1.8014	1.9702	1.9308	2.4391	2.3169	2.5677	2.6347	2.5026	1.9761	2.0730	1.5892	2.07
Transmission Charge	[Rs/ kW/ M]	0.2019	0.1940	0.2016	0.2156	0.2242	0.2282	0.2066	0.2102	0.2002	0.23	0.20	0.18	0.20
		8.65	9.05	8.18	9.50	9.36	10.23	12.60	10.45	12.90	12.42	10.82	8.89	10.02
Power Purchase Cost														
Energy Charge	[Min Rs]	5,944	6,634	5,103	5,290	3,990	4,675	5,434	4,282	5,506	6,002	6,137	5,553	64,550
Capacity Charge	[Min Rs]	1,437	1,695	1,675	1,388	1,454	1,409	1,420	1,483	1,351	1,156	1,491	1,238	17,197
Transmission Charge	[Min Rs]	176	183	171	155	134	139	114	118	108	106	152	136	1,693
Adjustment **	[Min Rs]													
Total Operating Cost	[Min Rs]	7,558	8,511	6,949	6,833	5,578	6,223	6,968	5,884	6,965	7,264	7,779	6,927	83,439

\* Where actual figures are available, these should be replaced by the actual figures.

\*\* In case of actual figures, adjustment should show monthly fuel adjustment separately and under the month to which it relates.

83439

7

68

FORM - 7

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Line Losses 2012-13

		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
<b>Power Balances</b>														
Units Received	[MkWh]	884	951	829	709	586	598	558	569	545	580	716	805	8,330
Units Sold	[MkWh]	750	787	828	672	586	540	520	535	517	542	572	688	7,537
Units Lost	[MkWh]	134	164	1	37	-	58	38	34	28	39	144	117	793
Units Lost	[%age]	15%	17%	0%	5%	0%	10%	7%	6%	5%	7%	20%	15%	9.52%
Technical Losses	[%age]													
Administrative Losses	[%age]													
<b>Technical Losses at Different Levels</b>														
Transmission Losses 132 kV	[%age]	2.02%	2.54%	2.67%	1.67%	0.57%	2.36%	1.52%	1.79%	1.68%	-0.47%	2.72%	1.24%	1.78%
11 kV Losses	[%age]	13.39%	15.07%	-3.15%	3.54%	4.66%	7.50%	5.34%	4.27%	3.43%	7.05%	17.92%	16.89%	7.74%
LT Losses	[%age]	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Total Technical Losses	[%age]	15%	18%	0%	5%	5%	10%	7%	6%	5%	7%	21%	18%	9.52%

FORM - 7 (A)

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Line Losses \* (Projected) 2012-13

		Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Total
<b>Power Balances</b>														
Units Received	[MkWh]	874	941	850	719	596	608	553	563	540	585	719	780	8,328
Units Sold	[MkWh]	760	797	838	662	586	530	525	540	522	536	566	675	7,537
Units Lost	[MkWh]	114	144	12	57	10	78	28	23	18	49	153	105	791
Units Lost	[%age]	13%	15%	1%	8%	2%	13%	5%	4%	3%	8%	21%	13%	9.50%
Technical Losses	[%age]													
Administrative Losses	[%age]													
<b>Technical Losses at Different Levels</b>														
Transmission Losses 132 kV	[%age]	2.06%	2.66%	2.35%	2.23%	1.68%	1.32%	1.08%	1.42%	1.67%	1.20%	1.40%	1.13%	1.78%
11 kV Losses	[%age]	10.98%	12.65%	-0.94%	5.70%	0.00%	11.51%	3.98%	2.66%	1.67%	7.26%	19.88%	12.28%	7.72%
LT Losses	[%age]	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.00%
Total Technical Losses	[%age]	13%	15%	1%	8%	2%	13%	5%	4%	3%	8%	21%	13%	9.50%

69

FORM - 8

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Operational and Technical Information

DISCO load factors on yearly basis

---

NTDC/DISCO Delivery Points metering accuracy	0.10%
--	-------

DISCO metering accuracy

For all customers (residential, commercial, industrial, etc.)	2.00%
---	-------

Estimated High Voltage Transmission lines losses (132 kV)	< 1.0%
---	--------

---

*[Handwritten signature]*

70

FROM - 9

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Average Rate per Unit Purchased and Sold

- Weighted Average Cost per Unit Sold to Customers

10.01	<u>Use of System Charges (NTDC)</u>			
10.02	Estimated Average Rate	(Table 11 - 11.16)	(Rs/kW/Month)	85.91
10.03	Estimated Maximum Demand Indicator (MDI)	(Table 11 - 11.17)	[MW]	1.64
10.04	Number of Months (Fiscal Year)		[#]	12
10.05	Estimated Use of System Charges = (10.02 x 10.03 x 10.04)		[,000,000 Rs]	1,693.80
10.06	<u>Fixed Capacity Charge</u>			
10.07	Estimated Average Rate	(Table 11 - 11.33)	(Rs/kW/Month)	872.43
10.08	Estimated MDI	Form 5 (A)	[MW]	1.64
10.09	Number of Months (Fiscal Year)		[#]	12
10.10	Estimated Capacity Charge = (10.07 x 10.08 x 10.09)		[,000,000 Rs]	17,209.83
10.11	<u>Energy Charge</u>			
10.12	Estimated Average Energy Charge	(Table 11 - 11.33)	(Rs/kWh)	7.7520
10.13	Estimated Energy Purchase for Fiscal Year		[GWh]	8,327
10.14	Estimated Energy Charges = (10.12 x 10.13)		[,000,000 Rs]	64,546.34
10.15	Estimated Power Purchase Price = (10.05 + 10.10 + 10.14)		[,000,000 Rs]	63,442.97
10.16	Average Rate per Unit Purchased = (10.15 / 10.13)		[Rs/kWh]	18.02
10.17	Estimated Energy Sold		[GWh]	7,537
10.18	Average Energy Rate per Unit Sold = (10.15 / 10.17)		[Rs/kWh]	11.0718
10.19	Distribution Margin		[,000,000 Rs]	11,092.08
10.20	Distribution Margin per Unit Sold = (10.19 / 10.17)		[Rs/kWh]	1.4718
10.21	Total Cost per Unit Sold to Customers = (10.20 + 10.18)		[Rs/kWh]	12.5436
10.22	Estimated Revenue from Energy Sold (10.15 + 10.19)		[,000,000 Rs]	94,534.97
10.23	Prior Period Adjustment (Uncovered Costs)/Working Capital		[,000,000 Rs]	11,764.55
10.24			[,000,000 Rs]	
10.25	Required Estimated Revenue from Energy Sold (10.22 + 10.23 + 10.24)		[,000,000 Rs]	106,299.52

While submitting Quarterly Petition, this form should be submitted with actual amounts of previous quarters and projected figures of next quarter.

Figures in the terms should be substantiated with the terms below.

71



FORM - 9 (A)

Table 11 - CPPA Charges: Use of System, Capacity and Energy

## 11.01 Use of System Charges (INTDC)

11.02	Month	Year	Demand [kW]	Fixed Use of System Rate [Rs/kWh]	Fixed Use of System Charges [Rs]	Energy [kWh]	Variable Use of System Rate [Rs/kWh]	Variable Use of System Charges [Rs]	Sum Use of System Charges [Rs]
11.03	1	2	3	4	5 = 3 x 4	6	7	8 = 6 x 7	9
11.04	Jul	2012	2,048,837	85.910	178,015,619	874	874,047,040	-	178,015,619
11.05	Aug	2012	2,130,294	85.910	183,013,852	941	941,245,225	-	183,013,852
11.06	Sep	2012	1,992,991	85.910	171,217,826	850	849,501,523	-	171,217,826
11.07	Oct	2012	1,807,280	85.910	155,263,421	719	719,745,321	-	155,263,421
11.08	Nov	2012	1,562,267	85.910	134,214,321	508	508,605,654	-	134,214,321
11.09	Dec	2012	1,613,709	85.910	138,833,719	608	608,033,612	-	138,833,719
11.10	Jan	2013	1,329,943	85.910	114,255,364	553	553,231,231	-	114,255,364
11.11	Feb	2013	1,371,501	85.910	117,825,832	583	583,150,112	-	117,825,832
11.12	Mar	2013	1,266,689	85.910	108,621,231	540	540,070,125	-	108,621,231
11.13	Apr	2013	1,231,830	85.910	105,828,525	585	584,514,585	-	105,828,525
11.14	May	2013	1,761,682	85.910	151,889,721	719	719,301,562	-	151,889,721
11.15	Jun	2013	1,489,620	85.910	126,564,222	779	779,201,521	-	126,564,222
11.16			19,719,642	85.910	1,893,341,253		8,326,869,531		1,893,341,253
11.17	Avg per month [MWh]		1,643				693,889		

## 11.18 Capacity and Energy

11.19	Month	Year	Capacity Charge [Rs]	Energy Charge [Rs]	Sum of all Charges [Rs]	Use of System Rate per kWh [Rs/kWh]	Capacity Rate per kWh [Rs/kWh]	Energy Rate per kWh [Rs/kWh]	Final Rate per kWh [Rs/kWh]
11.20	1	2	11	12	13 = 9+11+12	14 = 9 / 6	15 = 11 / 6	16 = 12 / 6	17 = 13 / 6
11.21	Jul	2012	1,437,392,348	3,944,778,481.94	7,558,166,459	9.20136003	1.64453	8.80143896	8.6473
11.22	Aug	2012	1,695,552,747	6,635,479,473.93	8,514,045,973	0.194437801	1.80139	7.049681951	9.0455
11.23	Sep	2012	1,673,664,912	3,106,149,911.75	8,945,036,850	0.201550835	1.87018	6.003697196	8.1754
11.24	Oct	2012	1,387,719,278	3,248,293,867.46	8,631,276,586	0.218020079	1.93075	7.357874148	9.5044
11.25	Nov	2012	1,452,721,164	3,987,597,136.66	5,574,532,822	0.225340912	2.43907	8.895029018	9.3594
11.26	Dec	2012	1,408,733,509	4,673,490,931.66	8,222,877,260	0.228002631	2.31869	7.889500318	10.2344
11.27	Jan	2013	1,420,569,131	3,436,547,857.51	9,971,332,352	9.208518233	2.56787	8.826471875	12.6007
11.28	Feb	2013	1,483,748,504	4,283,093,934.62	5,884,865,970	9.209225978	2.83472	7.805589011	10.4495
11.29	Mar	2013	1,351,538,492	3,506,418,539.25	6,969,998,262	8.201484832	2.50258	10.19811768	12.9002
11.30	Apr	2013	1,133,836,795	3,996,556,670.10	7,257,413,990	0.181050273	1.97605	10.25903686	12.4161
11.31	May	2013	1,491,136,148	4,139,164,906.59	7,781,993,878	9.210884737	2.97303	8.534981538	10.8168
11.32	Jun	2013	1,238,310,358	3,554,234,226.09	8,929,128,806	0.17526175	1.5692	7.12813578	8.8926
11.33			17,196,158,356	64,647,988,138	83,437,487,766	0.203363572	2.9652	7.752	10.9295
11.34	Avg Cap. Charge =		872.43						

72

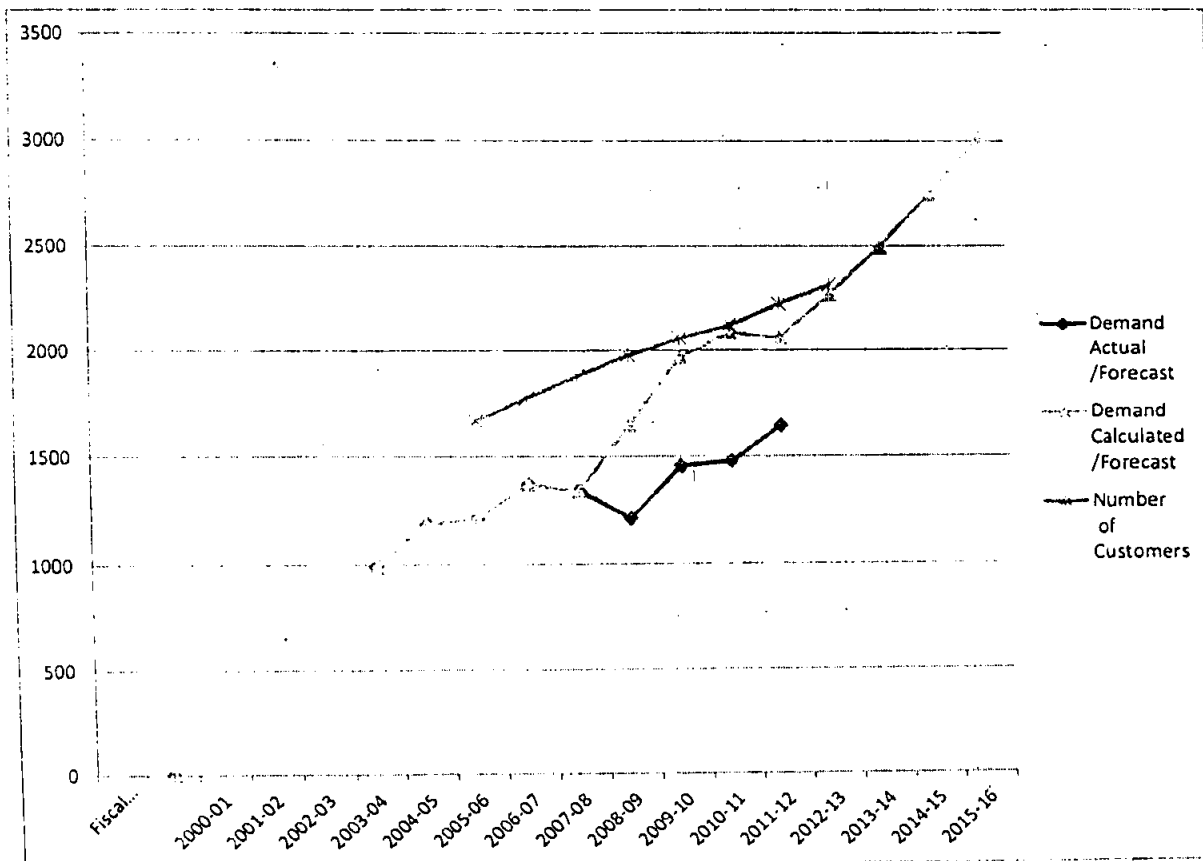
FORM - 10

DEMAND (Actual and Calculated) and Number of Customers

A. Actuals for Demands and Number of Customers

B. Forecasted Demands and Number of Customers using regression analysis

Fiscal Year	Demand Actual /Forecast [ ,000 kW ]	change	Demand Calculated /Forecast [ ,000 kW ]	change	Number of Customers [ ,000 ]	change
12.01 2000-01						
12.02 2001-02						
12.03 2002-03						
12.04 2003-04	994		994			
12.05 2004-05	1,187	19.42%	1,187	19.42%		
12.06 2005-06	1,211	2.02%	1,211	2.02%	1,668	
12.07 2006-07	1,373	13.38%	1,373	13.38%	1,774	6.35%
12.08 2007-08	1,342	-2.26%	1,342	-2.26%	1,880	5.98%
12.09 2008-09	1,211	-9.76%	1,643	22.43%	1,978	5.21%
12.10 2009-10	1,457	20.31%	1,968	19.78%	2,059	4.10%
12.11 2010-11	1,479	1.51%	2,087	6.05%	2,122	3.06%
12.12 2011-12	1,645	11.22%	2,062	-1.20%	2,225	4.85%
12.13 2012-13			2,268	9.99%	2,315	4.04%
12.14 2013-14			2,495	10.01%		
12.15 2014-15			2,745	10.02%		
12.16 2015-16			3,020	10.02%		

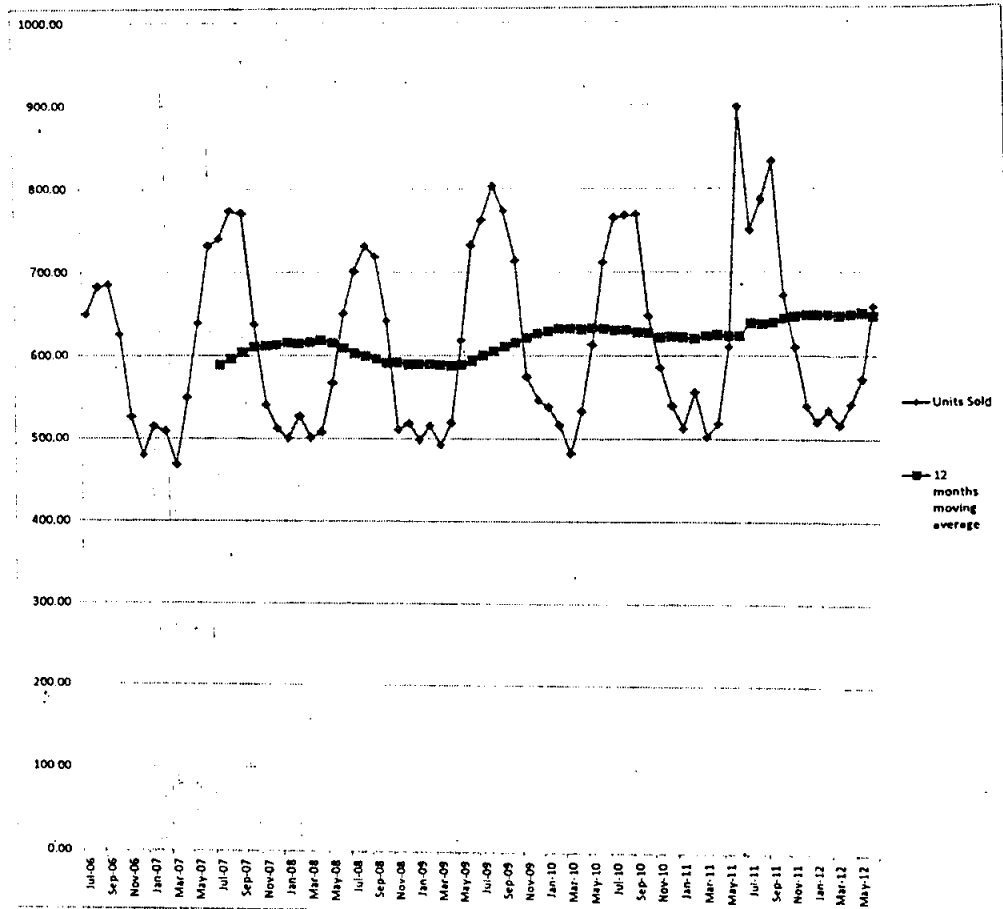


73

300 078

Table/Graph 14 - Sold Energy Evaluation and Setting up Sold Energy Average

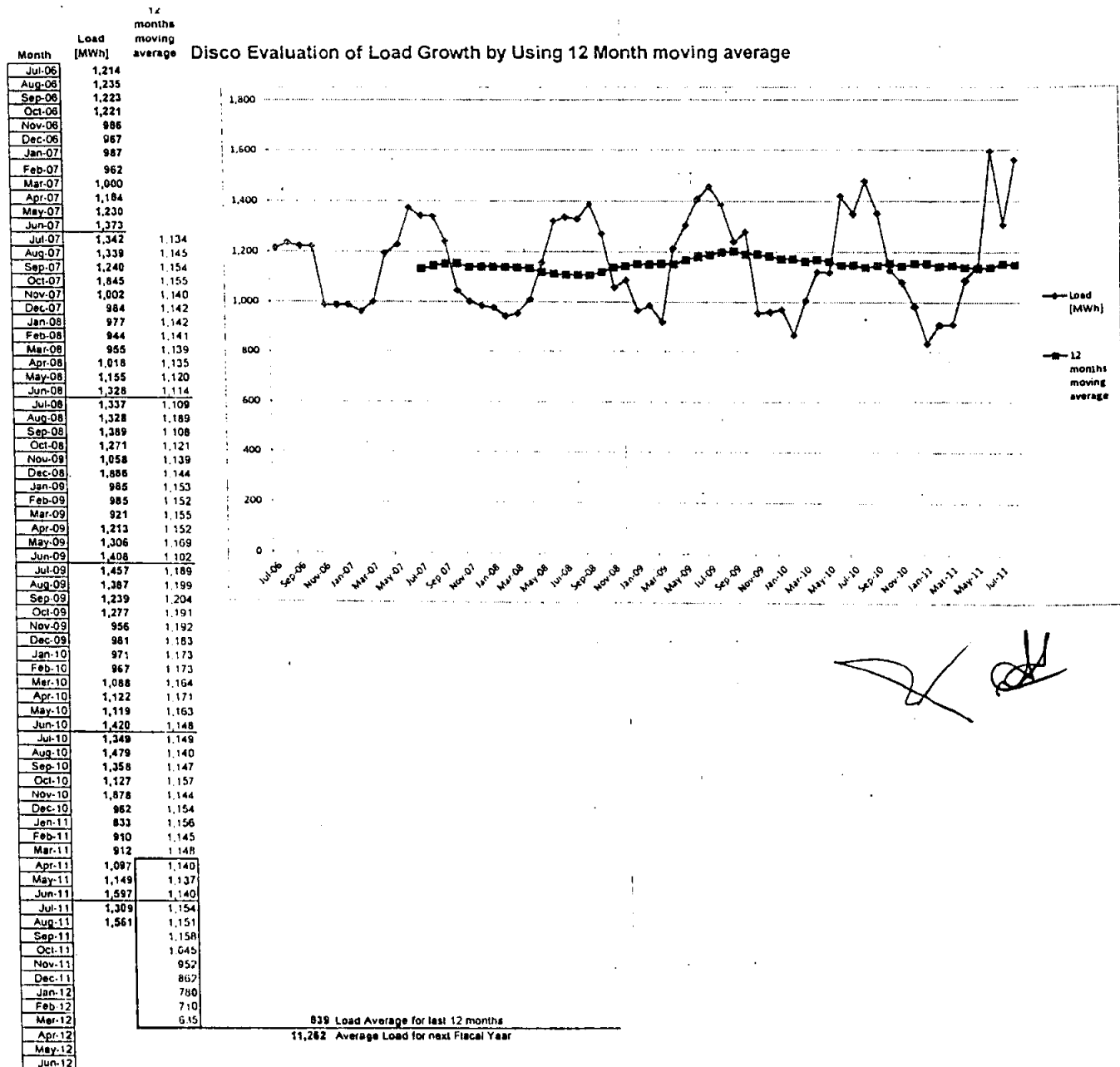
Month	Units Sold	12 months moving average
Jul-06	650.48	
Aug-06	683.22	
Sep-06	886.23	
Oct-06	626.03	
Nov-06	526.26	
Dec-06	480.06	
Jan-07	514.82	
Feb-07	509.23	
Mar-07	468.79	
Apr-07	549.18	
May-07	839.42	
Jun-07	731.85	
Jul-07	740.25	589
Aug-07	773.66	596
Sep-07	770.97	604
Oct-07	638.17	611
Nov-07	541.02	612
Dec-07	512.44	613
Jan-08	500.46	616
Feb-08	527.50	615
Mar-08	501.29	616
Apr-08	508.01	619
May-08	567.36	615
Jun-08	650.82	609
Jul-08	701.56	603
Aug-08	731.20	599
Sep-08	719.38	596
Oct-08	642.14	592
Nov-08	511.07	592
Dec-08	518.44	589
Jan-09	496.51	590
Feb-09	515.74	590
Mar-09	492.14	569
Apr-09	519.35	588
May-09	618.53	589
Jun-09	732.73	593
Jul-09	762.45	600
Aug-09	603.82	605
Sep-09	774.09	611
Oct-09	714.38	616
Nov-09	574.36	622
Dec-09	546.96	627
Jan-10	536.52	629
Feb-10	516.33	633
Mar-10	482.26	633
Apr-10	533.51	632
May-10	613.33	633
Jun-10	712.18	633
Jul-10	785.64	631
Aug-10	767.84	631
Sep-10	788.79	628
Oct-10	647.62	626
Nov-10	565.64	622
Dec-10	540.50	623
Jan-11	512.60	623
Feb-11	556.26	621
Mar-11	502.37	624
Apr-11	518.24	626
May-11	610.91	624
Jun-11	696.94	624
Jul-11	750.25	639
Aug-11	787.21	638
Sep-11	832.14	640
Oct-11	671.94	645
Nov-11	610.21	647
Dec-11	539.96	649
Jan-12	520.56	649
Feb-12	535.04	650
Mar-12	517.23	648
Apr-12	541.74	649
May-12	572.00	651
Jun-12	658.60	648
		628
		580



646 Average Sold Energy for last 12 months  
 7,754 Assumed Average Load for next Fiscal Year

74

Table/Graph 13 - Load Growth Evaluation and Setting up Load Average



95

## Asset register as the year ended at date

No.	Description	Cost			Accumulated Depreciation				Book Value as on
		As at July 91, 2011	Additlen/ deletions	Aa at March 31 2012	As at July 91, 2011	Charge during the year	Adjuat ments	Aa at March 31 2011	March 31, 2011
<b>A. Land</b>									
1	Freehold	6,164,813,220	-	6,164,813,220	-	-	-	-	6,164,813,220
2	Leasehold	3,013,542,600	-	3,013,542,500	465,823,365	60,270,850	-	526,094,215	2,487,448,285
	<b>Total</b>	<b>9,178,155,720</b>	<b>-</b>	<b>9,178,155,720</b>	<b>465,823,365</b>	<b>60,270,850</b>	<b>-</b>	<b>526,094,215</b>	<b>8,652,061,505</b>
<b>B. Buildings</b>									
1	Residential Buildings	-	-	-	-	-	-	-	-
2	Non-Residential Build	2,603,551,290	225,895,305	2,829,446,595	81,808,226	35,805,361	-	117,613,587	2,711,833,008
3	GSO Residential Build	-	-	-	-	-	-	-	-
4	Non-GSO Residential	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>2,603,551,290</b>	<b>225,895,305</b>	<b>2,829,446,595</b>	<b>81,808,226</b>	<b>35,805,361</b>	<b>-</b>	<b>117,613,587</b>	<b>2,711,833,008</b>
<b>C. Sub Transmission</b>									
1	132 KV Sub Transmis	6,469,528,247	-	5,469,529,247	372,871,270	155,499,359	-	528,151,629	4,941,377,818
2	66 KV Sub Transmis	384,626,842	-	384,626,042	29,983,257	12,496,652	-	42,449,909	342,176,133
3	33 KV Sub Transmis	83,406,000	-	83,406,000	5,057,079	2,109,639	-	7,166,716	56,239,062
	<b>Total</b>	<b>6,917,561,269</b>	<b>-</b>	<b>6,917,561,269</b>	<b>407,861,806</b>	<b>178,088,859</b>	<b>-</b>	<b>577,769,458</b>	<b>5,339,792,833</b>
<b>D. Grid Station</b>									
1	132 KV Grid Station	6,639,767,810	46,849,842	6,686,616,452	292,714,577	122,122,818	-	414,636,595	6,271,771,857
2	66 KV Grid Station	187,620,593	-	187,620,593	18,949,191	8,654,884	-	22,603,275	165,217,319
3	33 KV Grid Station	43,639,000	-	43,639,000	3,786,618	1,579,797	-	5,366,415	36,272,585
	<b>Total</b>	<b>6,871,227,403</b>	<b>46,849,842</b>	<b>6,918,068,445</b>	<b>314,458,388</b>	<b>130,355,899</b>	<b>-</b>	<b>442,806,285</b>	<b>6,475,261,769</b>
<b>E. 11 KV Distribution Equipments</b>									
1	11 KV Poles	1,664,979,494	138,064,745	2,002,125,239	113,074,827	47,175,436	-	160,250,365	1,841,874,874
2	11KV Line	5,032,229,532	372,891,468	5,404,920,996	305,256,153	127,354,428	-	432,610,581	4,972,319,417
3	Distribution Transform	5,147,199,887	891,236,729	6,038,436,616	370,826,144	154,752,284	-	525,679,426	6,222,759,989
	<b>Total</b>	<b>11,844,408,913</b>	<b>1,111,984,949</b>	<b>14,155,484,653</b>	<b>789,257,224</b>	<b>329,292,150</b>	<b>-</b>	<b>1,116,539,374</b>	<b>13,036,945,279</b>
<b>F. LV Distribution Equipments</b>									
1	LV Poles	1,833,681,134	282,838,433	1,916,439,567	87,963,119	36,898,663	-	124,661,782	1,791,777,785
2	440 LV Distribution Lin	355,778,587	23,984,231	378,760,818	143,925,821	60,004,743	-	203,930,264	174,950,554
3	220 LV Distribution Lin	2,168,864,695	99,392,958	2,268,257,653	14,809,642	6,178,408	-	20,987,450	2,243,409,303
4	KWh Meters & Service	3,835,619,711	897,473,937	4,733,084,849	197,845,123	82,541,997	-	280,397,120	4,452,697,526
5	Misc. Equipment	549,443,732	317,375,147	866,818,879	21,042,342	8,778,973	-	29,821,315	836,997,564
	<b>Total</b>	<b>8,536,526,559</b>	<b>1,619,993,806</b>	<b>10,156,520,665</b>	<b>465,485,147</b>	<b>194,202,784</b>	<b>-</b>	<b>659,887,931</b>	<b>9,498,832,734</b>
<b>G. Vehicles</b>									
1	132/66/33 KV GSO Ve	464,678,660	737,556	465,416,216	402,885,603	1,609,992	-	404,495,595	60,920,621
2	Vehicles	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>464,678,660</b>	<b>737,556</b>	<b>465,416,216</b>	<b>402,885,603</b>	<b>1,609,992</b>	<b>-</b>	<b>404,495,596</b>	<b>60,920,621</b>
<b>H. Detail of General Plant Assets</b>									
1	Computer Equipment	95,148,854	10,662,312	105,811,166	92,148,361	12,171,906	-	104,320,267	1,372,899
2	Furniture	32,167,062	4,259,881	36,426,943	21,211,723	2,332,670	-	23,544,293	12,902,450
3	Workshop Equipment	28,837,888	-	28,837,888	29,260,717	2,178,399	-	31,427,119	(1,589,550)
4	Laboratory Equipment	21,939,305	22,800	21,962,105	18,321,489	1,363,209	-	19,684,678	1,368,427
5	Misc. Equipment	89,631,184	5,130,264	94,761,448	29,854,302	2,228,750	-	32,083,952	53,778,306
	<b>Total</b>	<b>269,028,771</b>	<b>16,886,057</b>	<b>285,914,828</b>	<b>180,888,672</b>	<b>20,272,834</b>	<b>-</b>	<b>211,169,406</b>	<b>87,832,422</b>
<b>J. O&amp;M Equipments</b>									
	<b>Grand Total</b>	<b>48,876,227,705</b>	<b>3,025,417,306</b>	<b>49,901,645,011</b>	<b>3,116,278,129</b>	<b>941,869,728</b>	<b>-</b>	<b>4,058,164,849</b>	<b>45,843,480,182</b>

While submitting Quarterly Petitions, this form should be submitted with actual figures of previous quarters and projected figures of next quarter. The Asset Register should be substantiated with notes to the accounts, if required.

26

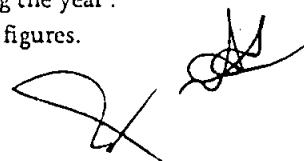
**FORM - 14**

Aging of Accounts Receivables as on 30th June .....

		Provisional 2012	Projected 2013
Outstanding for current year	Rs In Million	2,244	14,383
Outstanding for more than 1 year	Rs In Million	4,673	1,518
Outstanding for more than 2 years	Rs In Million	-	1,518
Outstanding for more than 3 years	Rs In Million	882	350
Outstanding for more than 4 years	Rs In Million	506	234
Outstanding for more than 5 years	Rs In Million	0	117
Total Receivables as on June 30, .....	Rs In Million	8,305	18,120

This form should be accompanied with a reconciliation of bad debts written off during the year .

In case of quarterly filing this form should be replaced with the most recent updated figures.



77

**ISLAMABAD ELECTRIC SUPPLY COMPANY**  
Projected Energy Sales by Tariffs for Fiscal Year 2011-12

Form -15

Category	Energy Sales 2010-11	Projection 2011-12
<b>A1 Domestic</b>		
Residential		
Up to 50 Units	259	219
For peak load requirement up to 5 kW	-	-
001 - 100 Units	1,294	1,261
101 - 300 Units	983	1,036
301 - 700 Units	340	297
Above 700 Units	72	137
For peak load requirement exceeding 5 kW	-	-
Time of Use (TOU) Peak	57	55
Time of Use (TOU) Off Peak	286	288
Temporary Domestic	1	1
<b>Total Residential</b>	<b>3,293</b>	<b>3,293</b>
Commercial A2		
For peak load requirement up to 5 kW	277	277
For peak load exceeding 5 kW	-	-
Regular	-	-
Time of Use (TOU) Peak	24	24
Time of Use (TOU) Off Peak	93	91
Temporary Commercial	463	485
<b>Total Commercial</b>	<b>11</b>	<b>11</b>
Industrial	869	869
B1		
B-1 (TOD) Peak	9	9
B-1 (TOD) Off Peak	7	7
B2	44	44
B-2 (TOU) Peak	27	27
B-2 (TOU) Off Peak	33	33
B-3	282	202
B-3 (TOU) Peak	29	29
B-3 (TOU) Off Peak	372	372
B-4	85	85
B-4 (TOU) Peak	752	752
B-4 (TOU) Off Peak	-	-
<b>Total Industrial</b>	<b>1,639</b>	<b>1,640</b>
Single Point Supply for further distribution		
C-1(a) Supply at 400 Volts - upto 5kW	0.14	0.15
C-1(b) Supply at 400 Volts - exceeding 5kW	21	21
Time of Day (TOU) - Peak	9	10
Time of Day (TOU) - Off-Peak	47	47
C-2 Supply at 11 kV	119	119
Time of Day (TOU) - Peak	50	47
Time of Day (TOU) - Off-Peak	250	253
C-3 Supply above 11 kV	2	2
Time of Day (TOU) - Peak	28	27
Time of Day (TOU) - Off-Peak	138	138
TEMPORARY E2-aa E2-bb E2-cc	0	-
<b>TOTAL BULK</b>	<b>663</b>	<b>663</b>
Special Contract Tariff K (AJK)	905	905
Time of Day (TOU) - Peak	12	12
Time of Day (TOU) - Off-Peak	6	8
Special Contract Tariff K (RAWAT)		
Total K	992	992
D-1 Scarp	10	10
Time of Day (TOU) - Peak	-	-
Time of Day (TOU) - Off-Peak	57	57
D-2 Agricultural Tube-well	4	4
AGRI T/W D-2(i)STOD	2	2
Time of Day (TOU) - Peak	-	-
Time of Day (TOU) - Off-Peak	1	1
<b>Total Tubewells</b>	<b>78</b>	<b>76</b>
Public Lighting- Tariff G-1	83	83
Public Lighting- Tariff G-2	-	-
Tariff-H1 Residential Colonies attached to industries	-	-
Tariff-H2 Residential Colonies attached to industries	-	-
<b>GRAND TOTAL</b>	<b>7,537</b>	<b>7,637</b>

*[Handwritten signature]*

78

100 083

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED



## Operating Cost

		2012-13	Qrt 1	Qrt 2	Qrt 3	Qrt 4
		Projected	Projected	Projected	Projected	Projected
<b>A Power Purchase Cost</b>						
Energy Charge	[Min Rs]	64,550	17,681	13,956	15,222	17,691
Capacity Charge	[Min Rs]	17,197	4,807	4,251	4,255	3,884
Transmission Charge	[Min Rs]	1,693	530	427	341	394
Adjustment *	[Min Rs]	-	-	-	-	-
<b>Total Power Purchase Cost</b>	[Min Rs]	<b>83,439</b>	<b>23,019</b>	<b>18,634</b>	<b>19,817</b>	<b>21,970</b>

\* Provide the detail of adjustment

**B Operation & Maintenance \***

## Employees Cost \*\*

		2011-12	2012-13	Qrt 1	Qrt 2	Qrt 3	Qrt 4
		Provis.	Proj.	Proj.	Proj.	Proj.	Proj.
Salaries, Wages & Benefits	[Min Rs]	3,056	3,813	901	910	966	1,036
Retirement Benefits	[Min Rs]	1,815	2,058	520	368	445	725
<b>Total Employees Cost</b>	[Min Rs]	<b>4,871</b>	<b>5,871</b>	<b>1,421</b>	<b>1,278</b>	<b>1,411</b>	<b>1,761</b>
Admin Expenses	[Min Rs]						
Repair & Maintenance	[Min Rs]	490	565	145	115	145	160
Travelling	[Min Rs]	170	230	55	55	60	60
Transportation	[Min Rs]	270	357	85	90	95	87
Miscellaneous Expenses	[Min Rs]	462	493	103	80	139	171
<b>Total O&amp;M</b>	[Min Rs]	<b>6,263</b>	<b>7,516</b>	<b>1,809</b>	<b>1,618</b>	<b>1,850</b>	<b>2,239</b>

\* The reasons of increase/ decrease in actual expenses against the determined expenses and the justification of the increase required for the period under consideration.

\*\* The details of existing and increase in number of employees department wise along with cost and strength analysis should be provided.

**C Depreciation & Amortization**

Depreciation	[Min Rs]	1,549	381	383	392	393
Amortization of Leased Assets	[Min Rs]					
<b>Total</b>	[Min Rs]	<b>1,549</b>	<b>381</b>	<b>383</b>	<b>392</b>	<b>393</b>

72

084



FORM - 17

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

	Determined	provisional	Projected
	2012	2012	2013
O&M Expenses	5,072.000	6,262	7,516.000
Increase in %			39.4%
Depreciation	1,450.000	1,479	1,549.000
RORB	2,260.000	(10,957)	4,303.000
Income Tax			
Other Income	(2,069.000)	(2,297.000)	(2,276.000)
Distribution Margin	6,713.00	(5,513.00)	11,092.00
Energy Sold	7,938.000	7,536.500	7,537
DM per unit	0.8457	-0.7315	1.4718

21

20

FORM - 18

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

Financial Charges

Period 2011-12				
	Q1	Q2	Q3	Q4
<b>A Long Term Loans</b>	-	-	-	-
GOP loans	-	-	-	-
Foreign Loans	82	87	89	92
Bonds	-	-	-	-
TFCs	-	-	-	-
Others	-	-	-	-
<b>Total</b>	<b>82</b>	<b>87</b>	<b>89</b>	<b>92</b>
<b>B Short Term Loan</b>	-	-	-	-
Running Finance	-	-	-	-
Short Term Loan	-	-	-	-
Bank Charges	2	2	3	3
<b>Total</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>C Total Financial Charges (A+B)</b>	<b>84</b>	<b>89</b>	<b>92</b>	<b>95</b>



81

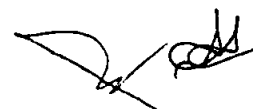
FORM - 19

ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

RORB Calculation

2011-12 2012-13

A	Gross Fixed Assets in Operation - Opening Bal	[Mln Rs]	40,665	47,394
B	Addition in Fixed Assets	[Mln Rs]	6,729	8795
C	Gross Fixed Assets in Operation - Closing Bal	[Mln Rs]	47,394	56,189
D	Less: Accumulated Depreciation	[Mln Rs]	12,897	14,863
E	Net Fixed Assets in Operation	[Mln Rs]	34,497	41326
F	Add: Capital Work In Progress - Closing Bal	[Mln Rs]	4,944	5333
G	Investment in Fixed Assets	[Mln Rs]	39,441	46659
H	Less: Deferred Credits	[Mln Rs]	16,991	18612
I	Regulatory Assets Base	[Mln Rs]	22,450	28,047
J	Average Regulatory Assets Base	[Mln Rs]		25,249
	Rate of Return	[%age]		17.04%
	Return on Rate Base	[Mln Rs]		4,302



82

FORM - 20

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Revenue Requirement

		2012-13	Q1	Q2	Q3	Q4	
		projected	projected	projected	Projected	Projected	
A	Power Purchase Price	[Mln Rs]	83,439	23,019	18,634	19,817	21,970
B	DM						
	O&M	[Mln Rs]	7,516	1,809	1,618	1,850	2,240
	Depreciation	[Mln Rs]	1,549	381	383	392	393
	RORB	[Mln Rs]	4,301	5,628	2,397	(1,631)	(2,093)
	Other Income	[Mln Rs]	(2,274)	(796)	(730)	(523)	(226)
	Impact of Disallowed Losses	[Mln Rs]					-
	Total DM	[Mln Rs]	11,092	7,022	3,668	89	314
	Working Capital Requirement		1,676	533	395	353	395
C	Revenue Requirement (A+B)	[Mln Rs]	96,207	30,573	22,697	20,259	22,678
D	Less/ (Excess) Recovery	[Mln Rs]	10,092	3,207	2,381	2,125	2,379
		[Mln Rs]	-	-	-	-	-
E	Total Revenue Requirement (C+D)	[Mln Rs]	106,299	33,780	25,078	22,384	25,057

FORM - 20 ( A )

## Revenue Requirement (per unit sold)

		2012-13	Q1	Q2	Q3	Q4	
		projected	projected	projected	Projected	Projected	
		7537	2395	1778	1587	1776.54	
A	Power Purchase Price	[Rs/ kWh]	11.07	9.61	10.48	12.49	12.37
B	DM						
	O&M	[Rs/ kWh]	1.00	0.76	0.91	1.17	1.26
	Depreciation	[Rs/ kWh]	0.21	0.16	0.22	0.25	0.22
	RORB	[Rs/ kWh]	0.57	2.35	1.35	(1.03)	(1.18)
	Other Income	[Rs/ kWh]	(0.30)	(0.33)	(0.41)	(0.33)	(0.13)
	Impact of Disallowed Losses	[Rs/ kWh]					
	Total DM	[Rs/ kWh]	1.47	2.93	2.06	0.06	0.18
	Working Capital Requirement		0.22	0.22	0.22	0.22	0.22
C	Revenue Requirement (A+B)	[Rs/ kWh]	12.77	12.77	12.77	12.77	12.77
D	Less/ (Excess) Recovery	[Rs/ kWh]	1.34	1.34	1.34	1.34	1.34
E	0	[Rs/ kWh]	-	-	-	-	-
f	Total Revenue Requirement (C+D)	[Rs/ kWh]	14.10	14.10	14.10	14.10	14.10

83

000 088

FORM - 21 (A)

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Investment

	2011-12	2012-13	Q 1	Q 2	Q 3	Q 4
	Determined	Proposed				

## A Investment Plan

DOP	[Min Rs]		772	125	170	225	252
ELR	[Min Rs]		335	52	67	92	124
STG	[Min Rs]	3700	5442	960	1225	1555	1702
Village Electrification	[Min Rs]		28	5	7	8	8
TOU Meters/AMI	[Min Rs]		250	35	42	63	110
Deposit/Capital Contribution	[Min Rs]	2500	2250	550	485	590	625
ERP			0				
Total	[Min Rs]	6,200	9,077	1,727	1,996	2,533	2,821


## B Financing Arrangement

Local	[Min Rs]						
Loan	[Min Rs]		4,364	690	955	1285	1432
PSDP / Own Resources	[Min Rs]		2,463	487	556	658	764
Grant	[Min Rs]						
Consumer Contribution	[Min Rs]		2250	550	485	590	625
Others (Please Mention)	[Min Rs]						
Total	[Min Rs]	-	9,077	1,727	1,996	2,533	2,821

84

Sr. No.	Loans	Interest Rate %	FY				Total
			1st Qrt	2nd Qrt	3rd Qrt	4th Qrt	
1	ADB Lopan 2438-PAK (Tranche-I)	17%	32.262	136.275	222.734	106.912	498.183
2	WB Loan # 7565 (IBRD)	17%	274.663	315.800	450.773	216.718	1,257.954
			306.925	452.075	673.507	323.630	1,756.137

This form should be submitted for each loan appearing on the DISCO's Balance Sheet



85

[illegible]

86

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## BONDS

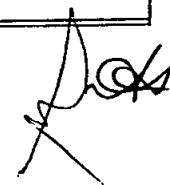
Particulars	Interest Rate	FY 2011-12			
		Opening Balance	Redemption	Closing Balance	Interest Charges
		N	I	L	

87



## Domestic Consumers

Slabs	No. of Customers	Units MKwh	Revenue Rs.Million	Average Rate Ps./kWh
Up to 50 Units	638,981	259.18	657	2.53
For peak load requirment up to 5 kW				
001 - 100 Units	329,107	1,294.46	4,816	3.72
101 - 300 Units	663,553	983.30	8,057	8.19
301 - 700 Units	139,622	340.38	4,501	13.22
Above 700 Units	17,824	71.87	1,748	24.33
For peak load requirment exceeding 5 kW				
Time of Use (TOU) Peak	58,744	57.21	527	9.21
Time of Use (TOU) Off Peak		286.04	2,693	9.41
Temporary Domestic	1,182	0.50	7	13.45
Total	1,849,013	3,293	23,006	6.99



## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Provision for Tax

Rs. Million

Sr. No.	Provision for Tax allowed	Actual tax paid during the FY				Total
		1st Qrt	2nd Qrt	3rd Qrt	4th Qrt	
		N	I	L		
			-	-		-



89

**ISLAMABAD ELECTRIC SUPPLY COMPANY**  
Existing & Proposed Tariff Statement For Fiscal Year 2012-13

(Monthly, Quarterly as well as Consolidated)

Description	Sales		No. of Consumers (12 Months)	Committed Load (MW)	ISREPA Existing Tariff		Proposed New Tariff		Monthly Change	
	(MkWh)	(%)			(Rs/kWh)	(Rs/kWh)	(Rs/kWh)	(Rs/kWh)	(Rs/kWh)	(Rs/kWh)
<b>Residential</b>										
Up to 50 Units	219	2.90%	6,807,077	0.00		3.00		7.50		4.50
For peak load requirement up to 5 kW				0.00						
D1-100 Units	1,261	16.73%	3,958,043	0.00		8.70		13.87		5.17
101-300 Units	1,036	13.75%	8,419,118	0.00		10.20		15.30		5.10
301-700 Units	297	3.94%	1,704,302	0.00		14.00		19.80		5.80
Above 700 Units	137	1.81%	239,749	0.00		16.50		22.28		5.78
For peak load requirement exceeding 5 kW				0.00						
Time of Use (TOU) - Peak	55	0.73%		27.36		15.50		22.48		6.98
Time of Use (TOU) - Off-Peak	288	3.82%	152,361	194.75		9.10		11.38		2.28
Temporary E-1 (i)	1	0.01%	13,347	0.00		16.50		23.10		6.60
<b>Total Residential</b>	<b>3,293</b>	<b>43.7%</b>	<b>21,293,996</b>	<b>222</b>						
<b>Commercial - A2</b>		0%								
Commercial -										
For peak load requirement up to 5 kW	277	3.68%	3,522,756	0.11		18.50		20.63		4.13
Commercial (<100)		0.00%		0.00						
Commercial (<20 kW)										
For peak load requirement exceeding 5 kW		0.00%		0.00						
Regular	24	0.32%	2,030	213.54	400	11.00	460	15.95	60	4.95
Time of Use (TOU) - Peak (A-2)	91	1.20%		256.25	400	15.00	460	21.75	60	6.75
Time of Use (TOU) - Off-Peak (Temp)	465	6.17%	80,078	1586.45	400	9.30	460	11.35	60	2.05
Temporary E-1 (i)	11	0.15%	40,651	0.00		16.50		21.45		4.95
<b>Total Commercial</b>	<b>869</b>	<b>11.53%</b>	<b>3,645,515</b>	<b>2,838</b>						
<b>Industrial</b>		8.00%		0.00						
B1	9	8.13%	78,139	0.00		11.70		15.44		3.74
B1 - TOU (Peak)	7	0.09%		0.00		15.50		21.08		5.58
B1 - TOU (Off-peak)	44	0.59%	43,416	0.00		9.10		11.47		2.37
B2	27	0.36%	8,983	179.22	400	10.30	460	13.96	60	3.66
B2 - TOU (Peak)	33	0.43%		195.89	400	14.30	460	20.07	60	5.77
B2 - TOU (Off-peak)	262	3.74%	8,057	1505.85	400	9.00	460	11.25	60	2.25
B3 - TOU (Peak)	29	0.39%		101.40	380	14.10	440	19.74	60	5.64
B3 - TOU (Off-peak)	372	4.93%	963	939.39	380	8.90	440	11.13	60	2.23
B4 - TOU (Peak)	85	1.13%		255.55	360	13.90	415	19.48	55	5.58
B4 - TOU (Off-peak)	752	9.98%	79	1584.96	360	8.60	415	11.00	55	2.20
Temporary				0.00		11.70				
<b>Total Industrial</b>	<b>1,640</b>	<b>21.76%</b>	<b>133,637</b>	<b>4,762</b>						
<b>Bulk</b>		0.09%								
C1(a) Supply at 400 Volts - up to 5 kW	0.15	0.00%	311	0.46		12.50		17.50		5.00
C1(b) Supply at 400 Volts - exceeding 5 kW	21	0.27%	4,014	104.38	400	11.50	480	16.10	60	4.60
Time of Use (TOU) - Peak	10	0.13%		16.35	400	14.30	480	20.02	60	5.72
Time of Use (TOU) - Off-Peak	47	0.62%	3,347	93.12	400	9.00	480	11.25	60	2.25
C2 Supply at 11 kV	119	1.58%	1,197	486.88	380	11.30	440	15.82	60	4.52
Time of Use (TOU) - Peak	47	0.63%		90.16	380	14.10	440	19.74	60	5.64
Time of Use (TOU) - Off-Peak	253	3.36%	887	585.25	360	8.90	440	11.13	60	2.23
C3 Supply above 11 kV	2	0.02%	14	124.37	360	11.10	415	15.54	55	4.44
Time of Use (TOU) - Peak	27	0.36%		20.80	360	13.90	415	19.48	55	5.58
Time of Use (TOU) - Off-Peak	138	1.84%	22	116.48	360	8.60	415	11.00	55	2.20
Temporary E-2 (i)		0.00%	36	0.00						
<b>Total Single Point Supply</b>	<b>663</b>	<b>8.88%</b>	<b>8,829</b>	<b>1,640</b>						
<b>Agricultural Tube-wells - Tariff D</b>		0.00%		0.00						
D1 Scarf	12	0.16%	15,970	0.00		11.20		18.24		5.04
D2 Agricultural Tube-wells	8	0.11%	51,585	126.41	200	6.00	230	9.60	30	1.60
Time of Use (TOU) - Peak D-2	10	0.13%		19.87	200	13.00	230	18.85	30	5.85
Time of Use (TOU) - Off-Peak D2	57	0.75%	20,947	138.09	200	8.00	230	9.60	30	1.60
<b>Total Agricultural</b>	<b>87</b>	<b>1.15%</b>	<b>88,503</b>	<b>284</b>						
<b>Public Lighting O</b>	70	1.01%	17,183	0.00		15.00		19.50		4.50
<b>Residential Colonies H</b>	4	0.05%	484	8.00		14.00		19.20		4.20
<b>Special Contracts - Tariff K (AJK)</b>	905	12.00%	1,028	2435.42	360	9.60	360	9.60		
Time of Use (TOU) - Peak		0.00%		0.00	360	11.59	360	11.59		
Time of Use (TOU) - Off-Peak		0.00%		0.00	360	8.41	360	8.41		
<b>Rawat Lab K (B)</b>	0	0.00%	24	12.28		11.50		18.10		4.60
<b>Railway Traction - I</b>		0.00%		0.00						
<b>Co-Generation-J</b>		0.00%		0.00						
<b>Grand Total</b>	<b>7,537</b>	<b>108%</b>	<b>25,190,178</b>	<b>11,395</b>						

**ISLAMABAD ELECTRIC SUPPLY COMPANY**  
Existing & Proposed Tariff Statement For Fiscal Year 2012-13

(Monthly, Quarterly as well as Consolidated)

Description	Sales		No. of Consumers	Connected Load (MW)	NEPRA Existing Tariff		Proposed New Tariff		Difference	
	(MW)	(%)			Fixed Charge	Variable Charge	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge
	(MW)	(%)		(MW)	Rs Min	Rs Min	Rs Min	Rs Min	Rs Min	Rs Min
<b>Residential</b>										
Up to 50 Units	219	2.90%	6,807,077	0		656		1,639		984
For peak load requirement up to 5 kW				0.00						
01-100 Units	1,261	16.73%	3,958,043	0.00		10,970		17,490		6,520
101-300 Units	1,036	13.75%	6,419,118	0.00		10,569		15,853		5,284
351-700 Units	297	3.84%	1,704,302	8.00		4,159		5,823		1,664
Above 700 Units	137	1.81%	239,749	0.00		2,254		3,043		789
For peak load requirement exceeding 5 kW				0.00						
Time of Use (TOU) - Peak	55	0.73%		27.36		855		1,240		385
Time of Use (TOU) - Off-Peak	268	3.82%	152,361	194.75		2,623		3,279		656
Temporary F-1 (i)	1	0.01%	13,347	0.00		8		12		3
<b>Total Residential</b>	<b>3,293</b>	<b>43.70%</b>	<b>21,293,996</b>	<b>222.11</b>		<b>32,094</b>	<b>0</b>	<b>48,379</b>		<b>16,285</b>
<b>Commercial - A2</b>										
Commercial -		8.00%		0.00						
For peak load requirement up to 5 kW	277.49	3.66%	3,522,756	0.11		4,579		5,723		1,145
Commercial (<100)		0.00%		0.00						
Commercial (<20 KW)										
For peak load requirement exceeding 5 kW		0.00%		0.00						
Regular	24	0.32%	2,030	213.54	65	269	98	391	13	121
Time of Use (TOU) - Peak (A-2)	91	1.20%		258.25	103	1,358	119	1,970	15	611
Time of Use (TOU) - Off-Peak (Temp)	465	6.17%	80,078	1566.45	627	4,327	721	5,279	94	952
Temporary E-1 (a)	11	0.15%	40,651	0.00		189	0	245		57
<b>Total Commercial</b>	<b>869</b>	<b>11.53%</b>	<b>3,645,515</b>	<b>2038.35</b>	<b>815</b>	<b>10,722</b>	<b>938</b>	<b>13,608</b>	<b>122</b>	<b>2,688</b>
<b>Industrial</b>										
B1	9	0.13%	78,139	0.00		111	0	146		35
B1 - TOU (Peak)	7	0.00%				107	0	146		39
B1 - TOU (Off-peak)	44	0.33%	43,416			402	0	507		105
B2	27	0.36%	6,983	179.22	72	282	82	382	11	100
B2 - TOU (Peak)	33	0.43%		195.89	76	467	90	656	12	189
B2 - TOU (Off-peak)	282	3.74%	6,057	1505.85	602	2,534	693	3,167	90	633
B3 - TOU (Peak)	29	0.39%		101.40	39	410	45	574	6	164
B3 - TOU (Off-peak)	372	4.93%	963	939.39	357	3,309	413	4,137	56	827
B4 - TOU (Peak)	85	1.13%		255.55	92	1,181	106	1,654	14	473
B4 - TOU (Off-peak)	752	9.98%	79	1584.96	571	6,617	658	8,271	87	1,654
<b>Total Industrial</b>	<b>1,640</b>	<b>21.76%</b>	<b>133,637</b>	<b>4762.26</b>	<b>1,818</b>	<b>15,420</b>	<b>2,087</b>	<b>19,639</b>	<b>277</b>	<b>4,219</b>
<b>Bulk</b>										
C1(a) Supply at 400 Volts - up to 5 kW	0	0.00%	311	0.46		2	0	3		1
C1(b) Supply at 400 Volts - exceeding 5 kW	21	0.27%	4,014	104.38	42	237	48	331	6	95
Time of Use (TOU) - Peak	10	0.13%		16.35	7	136	8	190	1	54
Time of Use (TOU) - Off-Peak	47	0.62%	3,347	93.12	37	423	43	528	6	106
C2 Supply at 11 kV	119	1.58%	1,197	486.88	165	1,343	214	1,680	29	537
Time of Use (TOU) - Peak	47	0.63%		90.16	34	669	40	937	5	268
Time of Use (TOU) - Off-Peak	253	3.36%	887	585.25	222	2,251	258	2,814	35	563
C3 Supply above 11 kV	2	0.02%	14	124.37	45	18	52	25	7	7
Time of Use (TOU) - Peak	27	0.36%		20.60	7	372	9	521	1	149
Time of Use (TOU) - Off-Peak	138	1.84%	22	118.48	43	1,219	49	1,523	7	305
Temporary F-2 (i)		0.00%	36	0.00			0			
<b>Total Single Point Supply</b>	<b>663</b>	<b>8.80%</b>	<b>9,829</b>	<b>1640.06</b>	<b>622</b>	<b>6,666</b>	<b>719</b>	<b>8,752</b>	<b>97</b>	<b>2,083</b>
<b>Agricultural Tube-wells - Tariff D</b>										
D1 Scarp	12	0.18%	15,870	0.00		134	0	195		60
D2 Agricultural Tube-wells	8	0.11%	51,585	126.41	25	65	29	78	4	13
Time of Use (TOU) - Peak O-2	10	0.13%		19.87	4	127	5	184	1	57
Time of Use (TOU) - Off-Peak (D2)	57	0.75%	20,947	136.09	28	453	32	543	4	91
<b>Total Agricultural</b>	<b>87</b>	<b>1.15%</b>	<b>88,503</b>	<b>264.37</b>	<b>57</b>	<b>779</b>	<b>65</b>	<b>1,000</b>	<b>9</b>	<b>221</b>
<b>Public Lighting G</b>	76	1.01%	17,183	0.00		1,140	0	1,482		342
<b>Residential Colonies H</b>	4	0.05%	484	0.00		51	0	66		15
<b>Special Contracts - Tariff K (A/K)</b>	905	12.00%	1,028	2435.42	877	8,684	877	6,684		
Time of Use (TOU) - Peak		0.00%		0.00			0			
Time of Use (TOU) - Off-Peak		0.00%		0.00			0			
<b>Rawat Lab K (B)</b>	0	0.00%	24	12.26		3	0	4		1
<b>Railway Traction/Irrigation - I</b>		0.00%		0.00			0			
<b>Co-Generation J</b>		0.00%		0.00			0			
<b>Grand Total</b>	<b>7,537</b>	<b>100%</b>	<b>25,190,179</b>	<b>11394.85</b>	<b>4,181</b>	<b>75,562</b>	<b>4,886</b>	<b>101,614</b>	<b>584</b>	<b>26,052</b>

94

194

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Revenue &amp; Subsidy Statement

(Monthly, Quarterly as well as Consolidated)

Description	Sales (MWh)	Sales (%)	No. of Consumers	Connected Load (MW)	SNEPRA Determined Tariffs		GOP Modified Tariff (May 12)		Subsidy	
					Fixed Charge (Rs/KWh)	Variable Charge (Rs/KWh)	Fixed Charge (Rs/KWh)	Variable Charge (Rs/KWh)	Fixed Charge (Rs/KWh)	Variable Charge (Rs/KWh)
<b>Residential</b>										
Up to 50 Units	218.57	2.90%	8,807,077	-	-	3.00	-	2.00	-	1.00
For peak load requirement up to 5 kW		0.00%								
01-100 Units	1,260.94	16.73%	3,958,043	-	-	8.70	-	5.79	-	2.91
101-300 Units	1,036.15	13.75%	8,419,118	-	-	10.20	-	8.11	-	2.09
301-700 Units	297.10	3.94%	1,704,302	-	-	14.00	-	12.33	-	1.67
Above 700 Units	136.62	1.81%	239,749	-	-	16.50	-	15.07	-	1.43
For peak load requirement exceeding 5 kW		0.00%								
Time of Use (TOU) - Peak	55.17	0.73%	-	27.38	-	15.50	-	13.89	-	1.51
Time of Use (TOU) - Off-Peak	266.24	3.82%	152,361	194.75	-	9.10	-	6.22	-	0.88
Temporary E-1 (i)	0.50	0.01%	13,347	-	-	18.50	-	15.50	-	1.00
<b>Total Residential</b>	<b>3,293.28</b>	<b>43.70%</b>	<b>21,293,996.13</b>	<b>222.11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>		0%								
For peak load requirement up to 5 kW	277.49	3.66%	3,522,756	0.11	-	18.50	-	14.77	-	1.73
Commercial (<100)		0.00%								
For peak load requirement exceeding 5 kW		0.00%								
Regular	24.48	0.32%	2,030	213.54	400	11.00	400.00	9.72	-	1.26
Time of Use (TOU) - Peak (A-2)	90.56	1.20%	-	258.25	400	15.00	400.00	13.20	-	1.80
Time of Use (TOU) - Off-Peak (Temp)	465.25	8.17%	60,076	1,566.45	400	8.30	400.00	6.01	-	1.29
Temporary E-1 (ii)	11.44	0.15%	40,851	-	-	18.50	-	15.00	-	1.50
<b>Total Commercial</b>	<b>899.22</b>	<b>11.53%</b>	<b>3,645,514.90</b>	<b>2,038.35</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial</b>		0.00%								
B1	9.47	0.13%	78,139	-	-	11.70	-	10.51	-	1.19
B1 - TOU (Peak)	6.92	0.09%	-	-	-	15.50	-	13.99	-	1.51
B1 - TOU (Off-peak)	44.19	0.59%	43,416	-	-	9.10	-	6.22	-	0.88
B2	27.38	0.36%	6,983	179.22	400	10.30	400.00	9.14	-	1.16
B2 - TOU (Peak)	32.87	0.43%	-	195.89	400	14.30	400.00	12.77	-	1.53
B2 - TOU (Off-peak)	261.53	3.74%	6,057	1,505.85	400	9.00	400.00	8.01	-	0.99
B3 - TOU (Peak)	29.06	0.39%	-	101.40	380	14.10	380.00	12.68	-	1.42
B3 - TOU (Off-peak)	371.63	4.93%	963	939.39	380	8.90	380.00	7.75	-	1.15
B4 - TOU (Peak)	85.00	1.13%	-	255.55	380	13.90	380.00	12.37	-	1.53
B4 - TOU (Off-peak)	751.89	9.98%	79	1,584.98	380	8.80	380.00	7.46	-	1.34
<b>Total Industrial</b>	<b>1,639.94</b>	<b>21.76%</b>	<b>133,637.29</b>	<b>4,762.26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Bulk</b>		0.00%								
C1(a) Supply at 400 Volts - up to 5 kW	0.15	0.00%	311	0.48	-	12.50	-	11.50	-	1.00
C1(b) Supply at 400 Volts - exceeding 5 kW	20.59	0.27%	4,014	104.38	400	11.50	400.00	10.50	-	1.00
Time of Use (TOU) - Peak	9.51	0.13%	-	16.35	400	14.30	400.00	13.01	-	1.29
Time of Use (TOU) - Off-Peak	46.95	0.62%	3,347	93.12	400	9.00	400.00	6.01	-	0.99
C2 Supply at 11 kV	118.82	1.58%	1,197	486.88	380	11.30	380.00	10.25	-	1.05
Time of Use (TOU) - Peak	47.46	0.63%	-	90.18	380	14.10	380.00	12.60	-	1.50
Time of Use (TOU) - Off-Peak	252.90	3.36%	897	585.25	380	8.90	380.00	7.75	-	1.15
C3 Supply above 11 kV	1.58	0.02%	14	124.37	380	11.10	380.00	10.10	-	1.00
Time of Use (TOU) - Peak	26.77	0.36%	-	20.80	380	13.90	380.00	12.18	-	1.72
Time of Use (TOU) - Off-Peak	138.48	1.84%	22	118.48	380	8.80	380.00	7.35	-	1.45
Temporary E-2 (i)	-	0.00%	36	-	-	-	-	6.90	-	(8.90)
<b>Total Single Point Supply</b>	<b>663.21</b>	<b>8.80%</b>	<b>9,828.87</b>	<b>1,640.06</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff O</b>		0.00%								
O1 Scarp	11.98	0.18%	15,970	-	-	11.20	-	10.00	-	1.20
O2 Agricultural Tube-wells	8.16	0.11%	51,585	126.41	200	8.00	120.00	8.77	80.00	1.23
Agricultural Tube-wells O-2 (i)		0.00%								
Time of Use (TOU) - Peak O-2(i)		0.00%								
Time of Use (TOU) - Peak O-2	9.76	0.13%	-	19.67	200	13.00	200.00	13.00	-	-
Time of Use (TOU) - Off-Peak O2	56.58	0.75%	20,947	136.09	200	8.00	200.00	8.00	-	-
<b>Total Agricultural</b>	<b>86.51</b>	<b>1.15%</b>	<b>88,502.81</b>	<b>284.37</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting G</b>	78.00	1.01%	17,163	-	-	15.00	-	13.73	-	1.27
<b>Residential Colonies H</b>	3.82	0.05%	484	-	-	14.00	-	12.92	-	1.08
<b>Special Contracts - Tariff K (AJK)</b>	904.55	12.00%	1,028	2,435.42	380	9.60	380.00	5.83	-	3.97
Time of Use (TOU) - Peak		0.00%			380	11.59	380.00	11.59	-	-
Time of Use (TOU) - Off-Peak		0.00%			380	6.41	380.00	6.41	-	-
<b>Rawal Lab K (B)</b>	0.27	0.00%	24	12.28	-	-	-	-	-	-
<b>Railway Traction - 1</b>		0.00%								
<b>Co-Generation - J</b>		0.00%								
<b>Grand Total</b>	<b>7,530.61</b>	<b>100%</b>	<b>25,190,179.25</b>	<b>11,394.85</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Revenue &amp; Subsidy Statement

(Monthly, Quarterly as well as Consolidated)

Description	Sales	Sales Mix	No. of Consumers	Connected Load	NEPRA Determined Tariff		GOP Notified Tariff (MAY 12)		Subsidy	
	(MkWh)	(%)		(MkWh)	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge
					(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)
<b>Residential</b>										
Up to 50 Units	219	2.90%	6,807,077	0	-	656	-	437	-	219
For peak load requirement up to 5 kW	-	0.00%	-	0	-	-	-	-	-	-
01-100 Units	1,201	16.73%	3,958,043	0	-	10,970	-	7,301	-	3,689
101-300 Units	1,036	13.75%	8,419,118	0	-	10,569	-	8,403	-	2,166
301-700 Units	297	3.94%	1,704,302	0	-	4,159	-	3,663	-	496
Above 700 Units	137	1.81%	239,749	0	-	2,254	-	2,059	-	195
For peak load requirement exceeding 5 kW	-	0.00%	-	0	-	-	-	-	-	-
Time of Use (TOU) - Peak	55	0.73%	-	27	-	855	-	772	-	83
Time of Use (TOU) - Off-Peak	288	3.82%	152,361	195	-	2,623	-	2,369	-	254
Temporary E-1 (i)	1	0.01%	13,347	0	-	8	-	8	-	1
<b>Total Residential</b>	<b>3,293</b>	<b>43.70%</b>	<b>21,293,996</b>	<b>222</b>	<b>-</b>	<b>32,094</b>	<b>-</b>	<b>25,012</b>	<b>-</b>	<b>7,082</b>
<b>Commercial - A2</b>										
For peak load requirement up to 5 kW	277	3.08%	3,522,756	0	-	4,579	-	4,099	-	480
Commercial (<100)	-	0.00%	-	0	-	-	-	-	-	-
For peak load requirement exceeding 5 kW	-	0.00%	-	0	-	-	-	-	-	-
Regular	24	0.32%	2,030	214	85	269	85	238	-	31
Time of Use (TOU) - Peak (A-2)	91	1.20%	-	258	103	1,358	103	1,195	-	163
Time of Use (TOU) - Off-Peak (Temp)	465	6.17%	80,078	1566	627	4,327	627	3,727	-	600
Temporary E-1 (ii)	11	0.15%	40,651	0	-	189	-	172	-	17
<b>Total Commercial</b>	<b>869</b>	<b>12%</b>	<b>3,645,515</b>	<b>2,038</b>	<b>815</b>	<b>10,722</b>	<b>815</b>	<b>9,430</b>	<b>-</b>	<b>1,292</b>
<b>Industrial</b>										
B1	9	0.13%	78,139	0	-	111	-	100	-	11
B1 - TOU (Peak)	7	0.09%	-	0	-	107	-	97	-	10
B1 - TOU (Off-peak)	44	0.59%	43,418	0	-	402	-	363	-	39
B2	27	0.36%	8,983	179	72	282	72	250	-	32
B2 - TOU (Peak)	33	0.43%	-	196	78	467	78	417	-	50
B2 - TOU (Off-peak)	282	3.74%	8,057	1506	802	2,534	802	2,255	-	279
B3 - TOU (Peak)	29	0.39%	-	101	39	410	39	368	-	41
B3 - TOU (Off-peak)	372	4.93%	963	939	357	3,309	357	2,882	-	428
B4 - TOU (Peak)	85	1.13%	-	256	92	1,181	92	1,051	-	130
B4 - TOU (Off-peak)	752	9.98%	79	1585	571	6,817	571	5,809	-	1,008
<b>Total Industrial</b>	<b>1,640</b>	<b>21.76%</b>	<b>133,637</b>	<b>4762</b>	<b>1,810</b>	<b>15,470</b>	<b>1,810</b>	<b>13,393</b>	<b>-</b>	<b>2,028</b>
<b>Bulk</b>										
C1(a) Supply at 400 Volts - up to 5 kW	0	0.00%	311	0	-	2	-	2	-	0
C1(b) Supply at 400 Volts - exceeding 5 kW	21	0.27%	4,014	104	42	237	42	219	-	21
Time of Use (TOU) - Peak	10	0.13%	-	16	7	136	7	124	-	12
Time of Use (TOU) - Off-Peak	47	0.62%	3,347	93	37	423	37	376	-	46
C2 Supply at 11 kV	119	1.56%	1,197	487	185	1,343	185	1,218	-	125
Time of Use (TOU) - Peak	47	0.63%	-	90	34	869	34	598	-	71
Time of Use (TOU) - Off-Peak	253	3.36%	867	565	222	2,251	222	1,900	-	291
C3 Supply above 11 kV	2	0.02%	14	124	45	18	45	16	-	2
Time of Use (TOU) - Peak	27	0.36%	-	21	7	372	7	326	-	46
Time of Use (TOU) - Off-Peak	138	1.84%	22	118	43	1,219	43	1,010	-	201
<b>Agricultural Tube-wells - Tariff D</b>										
D1 Scarf	12	0.16%	15,970	0	-	134	-	120	-	14
D2 Agricultural Tube-wells	8	0.11%	51,585	126	25	85	15	55	10	10
Agricultural Tube-wells D-2 (a)	-	0.00%	-	0	-	-	-	-	-	-
Time of Use (TOU) - Peak D-2(i)	-	0.00%	-	0	-	-	-	-	-	-
Time of Use (TOU) - Peak D-2	10	0.13%	-	20	4	127	4	127	-	-
Time of Use (TOU) - Off-Peak D2	57	0.75%	20,947	138	26	453	26	453	-	-
<b>Total Agricultural</b>	<b>87</b>	<b>1.15%</b>	<b>88,503</b>	<b>284</b>	<b>57</b>	<b>779</b>	<b>47</b>	<b>755</b>	<b>10</b>	<b>24</b>
<b>Public Lighting G</b>	<b>76</b>	<b>1.01%</b>	<b>17,163</b>	<b>0</b>	<b>-</b>	<b>1,140</b>	<b>-</b>	<b>1,043</b>	<b>-</b>	<b>97</b>
<b>Residential Colonies H</b>	<b>4</b>	<b>0.05%</b>	<b>484</b>	<b>0</b>	<b>-</b>	<b>51</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>4</b>
<b>Special Contracts - Tariff K (A/K)</b>	<b>905</b>	<b>12.00%</b>	<b>1,028</b>	<b>2435</b>	<b>877</b>	<b>8,084</b>	<b>877</b>	<b>5,093</b>	<b>-</b>	<b>3,591</b>
Time of Use (TOU) - Peak	-	0.00%	-	0	-	-	-	-	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	0	-	-	-	-	-	-
Rawat Lab K (B)	0	0.00%	24	12	-	3	-	3	-	-
Railway Traction Iraction - I	-	0.00%	-	0	-	-	-	-	-	-
Co-Generation-J	-	0.00%	-	0	-	-	-	-	-	-
<b>Grand Total</b>	<b>7,537</b>	<b>100%</b>	<b>25,190,179</b>	<b>11395</b>	<b>4,181</b>	<b>75,562</b>	<b>4,171</b>	<b>60,629</b>	<b>10</b>	<b>14,932</b>

43

001 096

## ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED

## Proposed Revenue &amp; Subsidy Statement

(Monthly, Quarterly as well as Consolidated)

Description	Sales (MWh)	Sales (%)	Load (%)	Proposed New Tariff		GOP Notified Tariff (MAY 12)		Subsidy	
				Fixed Charge	Variable Charge	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge
	(MWh)	(%)	(%)	(Rs/KW/M)	(Rs/KWh)	(Rs/KW/M)	(Rs/KWh)	(Rs/KW/M)	(Rs/KWh)
<b>Residential</b>									
Up to 50 Units	219	2.90%	0	-	7.50	-	2.00	-	5.50
For peak load requirement up to 5 kW	-	0.00%	0	-	-	-	-	-	-
01-100 Units	1,261	16.73%	0	-	13.87	-	5.79	-	8.08
101-300 Units	1,036	13.75%	0	-	15.30	-	8.11	-	7.19
301-700 Units	297	3.94%	0	-	19.60	-	12.33	-	7.27
Above 700 Units	137	1.81%	0	-	22.26	-	15.07	-	7.21
For peak load requirement exceeding 5 kW	-	0.00%	0	-	-	-	-	-	-
Time of Use (TOU) - Peak	55	0.73%	27	-	22.48	-	13.99	-	8.49
Time of Use (TOU) - Off-Peak	288	3.62%	195	-	11.38	-	8.22	-	3.16
Temporary E-1 (i)	1	0.01%	0	-	23.10	-	15.50	-	7.60
<b>Total Residential</b>	<b>3,293</b>	<b>43.70%</b>	<b>222</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>									
Commercial -	-	0%	-	-	-	-	-	-	-
For peak load requirement up to 5 kW	277	3.68%	0	-	20.63	-	14.77	-	5.86
Commercial (<100)	-	0.00%	0	-	-	-	-	-	-
For peak load requirement exceeding 5 kW	-	0.00%	0	-	-	-	-	-	-
Regular	24	0.32%	214	460.00	15.95	400.00	9.72	60.00	6.23
Time of Use (TOU) - Peak (A-2)	91	1.20%	258	460.00	21.75	400.00	13.20	60.00	8.55
Time of Use (TOU) - Off-Peak (Temp)	465	6.17%	1566	460.00	11.35	400.00	8.01	60.00	3.34
Temporary E-1 (ii)	11	0.15%	0	-	21.45	-	15.00	-	6.45
<b>Total Commercial</b>	<b>869</b>	<b>12%</b>	<b>2,038</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial</b>									
B1	9	0.13%	0	-	15.44	-	10.51	-	4.93
B1 - TOU (Peak)	7	0.09%	0	-	21.08	-	13.99	-	7.09
B1 - TOU (Off-peak)	44	0.59%	0	-	11.47	-	8.22	-	3.25
B2	27	0.36%	179	460.00	13.96	400.00	9.14	60.00	4.82
B2 - TOU (Peak)	33	0.43%	196	460.00	20.07	400.00	12.77	60.00	7.30
B2 - TOU (Off-peak)	262	3.74%	1506	460.00	11.25	400.00	8.01	60.00	3.24
B3 - TOU (Peak)	29	0.39%	101	440.00	19.74	380.00	12.68	60.00	7.06
B3 - TOU (Off-peak)	372	4.93%	939	440.00	11.13	380.00	7.75	60.00	3.38
B4 - TOU (Peak)	85	1.13%	256	415.00	19.46	360.00	12.37	55.00	7.09
B4 - TOU (Off-peak)	752	9.98%	1585	415.00	11.00	360.00	7.46	55.00	3.54
<b>Total Industrial</b>	<b>1,640</b>	<b>21.76%</b>	<b>4,762</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Bulk</b>									
C1(a) Supply at 400 Volts - up to 5 kW	0	0.00%	0	-	17.50	-	11.50	-	6.00
C1(b) Supply at 400 Volts - exceeding 5 kW	21	0.27%	104	460.00	16.10	400.00	10.50	60.00	5.60
Time of Use (TOU) - Peak	10	0.13%	16	460.00	20.02	400.00	13.01	60.00	7.01
Time of Use (TOU) - Off-Peak	47	0.62%	93	460.00	11.25	400.00	8.01	60.00	3.24
C2 Supply at 11 kV	119	1.58%	487	440.00	15.82	380.00	10.25	80.00	5.57
Time of Use (TOU) - Peak	47	0.63%	90	440.00	19.74	380.00	12.60	80.00	7.14
Time of Use (TOU) - Off-Peak	253	3.36%	585	440.00	11.13	380.00	7.75	80.00	3.38
C3 Supply above 11 kV	2	0.02%	124	415.00	15.54	360.00	10.10	55.00	5.44
Time of Use (TOU) - Peak	27	0.36%	21	415.00	19.46	360.00	12.18	55.00	7.28
Time of Use (TOU) - Off-Peak	136	1.84%	116	415.00	11.00	360.00	7.35	55.00	3.65
<b>Total Single Point Supply</b>	<b>663</b>	<b>8.80%</b>	<b>1,640</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>									
D1 Scarp	12	0.18%	0	-	18.24	-	10.00	-	6.24
D2 Agricultural Tube-wells	9	0.11%	126	230.00	9.60	120.00	6.77	110.00	2.83
Agricultural Tube-wells D-2 (ii)	-	0.00%	0	-	-	-	-	-	-
Time of Use (TOU) - Peak D-2(i)	-	0.00%	0	-	-	-	-	-	-
Time of Use (TOU) - Peak D-2	10	0.13%	20	230.00	18.65	200.00	13.00	30.00	5.65
Time of Use (TOU) - Off-Peak D2	57	0.75%	138	230.00	9.60	200.00	8.00	30.00	1.60
<b>Total Agricultural</b>	<b>87</b>	<b>1.15%</b>	<b>284</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting G</b>	76	1.01%	0	-	19.50	-	13.73	-	5.77
<b>Residential Colonies H</b>	4	0.05%	0	-	16.20	-	12.82	-	5.28
<b>Special Contracts - Tariff K (AJK)</b>	905	12.00%	2,435	360.00	9.80	360.00	5.63	-	3.97
Time of Use (TOU) - Peak	-	0.00%	0	360.00	11.59	360.00	11.59	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	0	360.00	6.41	360.00	6.41	-	-
<b>Rawat Lab K (B)</b>	0	0.00%	12	-	16.10	-	11.50	-	4.60
<b>Railway Traction Traction - 1</b>	-	0.00%	0	-	-	-	-	-	-
<b>Co-Generation-J</b>	-	0.00%	0	-	-	-	-	-	-
<b>Grand Total</b>	<b>7,537</b>	<b>100%</b>	<b>11,395</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**ISLAMABAD ELECTRIC SUPPLY COMPANY LIMITED**  
**Proposed Revenue & Subsidy Statement**

(Monthly, Quarterly as well as Consolidated)

Description	Sales	Sales Mix	Load Factor	GOP Notified Tariff (MAY12)		Tariff Subsidy		Total	
				Fixed Charge	Variable Charge	Fixed Charge	Variable Charge	Fixed Charge	Variable Charge
	(MkWh)	(%age)	(%age)	(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)	(Min Rs)
<b>Residential</b>									
Up to 50 Units	219	2.90%		-	437	-	1,202	-	1,639
For peak load requirement up to 5 kW	-	0.00%		-	-	-	-	-	-
01-100 Units	1,261	16.73%		-	7,301	-	10,189	-	17,490
101-300 Units	1,036	13.75%		-	8,403	-	7,450	-	15,853
301-700 Units	297	3.94%		-	3,663	-	2,160	-	5,823
Above 700 Units	137	1.81%		-	2,059	-	984	-	3,043
For peak load requirement exceeding 5 kW	-	0.00%		-	-	-	-	-	-
Time of Use (TOU) - Peak	55	0.73%		-	772	-	468	-	1,240
Time of Use (TOU) - Off-Peak	288	3.82%		-	2,369	-	909	-	3,279
Temporary E-1 (i)	1	0.01%		-	8	-	4	-	12
<b>Total Residential</b>	<b>3,293</b>	<b>43.70%</b>		<b>-</b>	<b>25,012</b>	<b>-</b>	<b>23,367</b>	<b>-</b>	<b>48,379</b>
<b>Commercial - A2</b>									
For peak load requirement up to 5 kW	277	3.68%		-	4,099	-	1,625	-	5,723
Commercial (<100)	-	0.00%		-	-	-	-	-	-
For peak load requirement exceeding 5 kW	-	0.00%		-	-	-	-	-	-
Regular	24	0.32%		85	238	12.81	153	98	391
Time of Use (TOU) - Peak (A-2)	91	1.20%		103	1,195	15.49	774	119	1,970
Time of Use (TOU) - Off-Peak (Temp)	465	6.17%		627	3,727	93.99	1,552	721	5,279
Temporary E-1 (ii)	11	0.15%		-	172	-	74	-	245
<b>Total Commercial</b>	<b>869</b>	<b>12%</b>		<b>815</b>	<b>9,430</b>	<b>122</b>	<b>4,177</b>	<b>938</b>	<b>13,608</b>
<b>Industrial</b>									
B1	9	0.13%		-	100	-	47	-	146
B1 - TOU (Peak)	7	0.09%		-	97	-	49	-	146
B1 - TOU (Off-peak)	44	0.59%		-	363	-	143	-	507
B2	27	0.36%		72	250	10.75	132	82	382
B2 - TOU (Peak)	33	0.43%		78	417	11.75	239	90	656
B2 - TOU (Off-peak)	282	3.74%		602	2,255	90.35	912	693	3,167
B3 - TOU (Peak)	29	0.39%		39	368	6.08	205	45	574
B3 - TOU (Off-peak)	372	4.93%		357	2,882	56.36	1,255	413	4,137
B4 - TOU (Peak)	85	1.13%		92	1,051	14.06	603	106	1,654
B4 - TOU (Off-peak)	752	9.98%		571	5,609	87.17	2,662	658	8,271
<b>Total Industrial</b>	<b>1,640</b>	<b>21.76%</b>		<b>1,810</b>	<b>13,393</b>	<b>277</b>	<b>6,246</b>	<b>2,087</b>	<b>19,639</b>
<b>Bulk</b>									
C1(a) Supply at 400 Volts - up to 5 kW	0	0.00%		-	12	-	1	-	3
C1(b) Supply at 400 Volts - exceeding 5 kW	21	0.27%		42	216	6.26	115	48	331
Time of Use (TOU) - Peak	10	0.13%		7	124	0.98	67	8	190
Time of Use (TOU) - Off-Peak	47	0.62%		37	376	5.59	152	43	528
C2 Supply at 11 kV	119	1.58%		185	1,218	29.21	662	214	1,880
Time of Use (TOU) - Peak	47	0.63%		34	598	5.41	339	40	937
Time of Use (TOU) - Off-Peak	253	3.36%		222	1,990	35.11	854	258	2,814
C3 Supply above 11 kV	2	0.02%		45	16	6.84	9	52	25
Time of Use (TOU) - Peak	27	0.36%		7	326	1.13	195	9	521
Time of Use (TOU) - Off-Peak	138	1.84%		43	1,018	6.52	505	49	1,523
<b>Total Single Point Supply</b>	<b>663</b>	<b>8.80%</b>		<b>622</b>	<b>5,853</b>	<b>97</b>	<b>2,898</b>	<b>719</b>	<b>8,762</b>
<b>Agricultural Tube-wells - Tariff D</b>									
O1 Scarp	12	0.16%		-	120	-	75	-	195
O2 Agricultural Tube-wells	8	0.11%		15	55	13.91	23	29	78
Agricultural Tube-wells O-2 (ii)	-	0.00%		-	-	-	-	-	-
Time of Use (TOU) - Peak O-2(i)	-	0.00%		-	-	-	-	-	-
Time of Use (TOU) - Peak O-2	10	0.13%		4	127	0.60	57	5	184
Time of Use (TOU) - Off-Peak O2	57	0.75%		28	453	4.14	91	32	543
<b>Total Agricultural</b>	<b>87</b>	<b>1.15%</b>		<b>47</b>	<b>755</b>	<b>19</b>	<b>246</b>	<b>65</b>	<b>1,000</b>
<b>Public Lighting G</b>	<b>70</b>	<b>1.01%</b>		<b>-</b>	<b>1,043</b>	<b>-</b>	<b>439</b>	<b>-</b>	<b>1,482</b>
<b>Residential Colonies H</b>	<b>4</b>	<b>0.05%</b>		<b>-</b>	<b>47</b>	<b>-</b>	<b>19</b>	<b>-</b>	<b>66</b>
<b>Special Contracts - Tariff K (AUK)</b>	<b>905</b>	<b>12.00%</b>		<b>877</b>	<b>5,093</b>	<b>-</b>	<b>3,591</b>	<b>877</b>	<b>8,084</b>
Time of Use (TOU) - Peak	-	0.00%		-	-	-	-	-	-
Time of Use (TOU) - Off-Peak	-	0.00%		-	-	-	-	-	-
Railway K (B)	0	0.00%		-	3	-	1	-	4
Railway Traction L	-	0.00%		-	-	-	-	-	-
Co-Generation J	-	0.00%		-	-	-	-	-	-
<b>Grand Total</b>	<b>7,537</b>	<b>100%</b>		<b>4,171</b>	<b>60,629</b>	<b>516</b>	<b>40,984</b>	<b>4,686</b>	<b>101,614</b>