



Registrar

# National Electric Power Regulatory Authority

## Islamic Republic of Pakistan

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No. NEPRA/TRF-250/SEPCO-2013/6270-6272  
June 13, 2014

**Subject: Decision of the Authority in the matter of Motion for Leave for Review filed by Sukkur Electric Power Company Ltd. (SEPCO) against Tariff Determination of the Authority dated March 03, 2014 [Case # NEPRA/TRF-250/SEPCO-2013]**

Dear Sir,

In continuation of this office letter No. NEPRA/TRF-250/SEPCO-2013/2039-2041 dated March 03, 2014 whereby Determination of the Authority in the matter of petition filed by SEPCO for Determination of its consumer-end tariff pertaining to FY 2013-14 was sent to the Federal Government for notification in the official Gazette.

2. Please find enclosed herewith the decision of the Authority along with Annex-II & III (19 pages) in the matter of Motion for Leave for Review filed by Sukkur Electric Power Company Ltd. against NEPRA's determination dated 03.03.2014 in Case No. NEPRA/TRF-250/SEPCO-2013.

3. The Decision of the Authority is being intimated to the Federal Government for the purpose of notification in the official Gazette pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997) read with Rule 16(11) of the National Electric Power Regulatory Authority Tariff (Standards and Procedure) Rules, 1998.

4. Please be informed that the Annex-III (Schedule of Electricity Tariffs), earlier intimated vide Determination dated 03.03.2014 stands modified/amended to the extent as detailed in the Annex-III (Schedule of Electricity Tariffs) of the subject Authority's decision and needs to be notified in the official Gazette.

Enclosure: As above

( Syed Safer Hussain )

Secretary  
Ministry of Water & Power  
'A' Block, Pak Secretariat  
Islamabad

CC:

1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
2. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.



**DECISION OF THE AUTHORITY IN THE MATTER OF MOTION FOR LEAVE FOR  
REVIEW FILED BY SUKKUR ELECTRIC POWER COMPANY (SEPCO) AGAINST  
TARIFF DETERMINATION OF THE AUTHORITY DATED 3rd MARCH, 2014**

**1. Background**

1.1 Sukkur Electric Power Company Limited (SEPCO), hereinafter called "the Petitioner", being a Distribution Licensee of NEPRA filed a motion for leave for review vide letter No. GEO/SEPCO/FD/CPC/2528 dated 13<sup>th</sup> March, 2014 against the Authority's decision dated 3rd March, 2014. The Motion for review was based on the following issues / contentions:

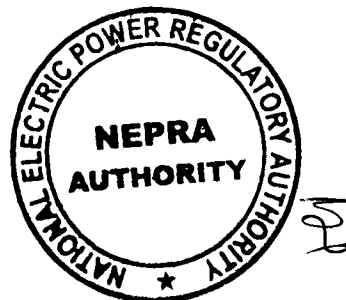
- i) Revision of T&D losses target to 37.07% from determined target of 15% for the FY 2013-14;
- ii) Revision of the Operating & Maintenance (O&M) expenses for the FY 2013-14 to Rs. 6,435 million as against the approved expense of Rs. 4,161 million;
- iii) Approval of actual Bad Debts written off in the FY 2012-13.

**2 Proceedings**

2.1 The motion for leave for review was considered by the Authority and the delay in filing of review motion was condoned off based on the Petitioner's request. A pre-admission hearing was facilitated to provide an opportunity to the intervener to plead its case before the Authority. The pre-admission hearing was scheduled on 17th April, 2014, however on the Petitioner's request the hearing was rescheduled on two occasions and finally was convened on 15th May, 2014. The Petitioner presented its case before the Authority and the review motion was admitted by the Authority to give a full hearing opportunity to the Petitioner and concerned stakeholders .

2.2 Notices of hearing were sent to the interested persons and stakeholders communicating the venue and date of hearing which was decided to be conducted on 12<sup>th</sup> June, 2014 at NEPRA's Head Office. During the hearing, the Petitioner was represented by its Chief Executive Officer, Finance Director and other technical professionals.

**3. Transmission and Distribution Losses**





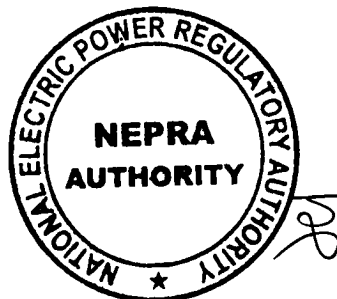
- 3.1 The Petitioner objected to the Transmission and Distribution (T&D) losses target of 15% approved by the Authority and requested to reconsider it at a level of 37.07%. The Petitioner contended that in the tariff determination of the FY 2013-14, the Authority has referred to the operational audit carried out by PDIP and MEPCO's study of T&D losses. According to the PDIP study the T&D losses of HESCO (combined) are calculated as 9% whereas MEPCO's losses are assessed as 15% by the Authority.
- 3.2 During the hearing, the Petitioner presented a summary of actual T&D losses over the last five years;

Financial Year	Actual T&D Losses in %	Transmission losses at 132 kV %	Technical losses on 11 kV/440 V %	Total Technical Losses %	Administrative Losses %
2009-10	42.15 %	4.94 %	14.77 %	19.71 %	22.44 %
2010-11	39.86 %	4.41 %	14.44 %	18.85 %	21.01 %
2011-12	39.14 %	4.39 %	14.52 %	18.91 %	20.23 %
2012-13	39.51 %	3.99 %	15.39 %	19.38 %	20.13 %
2013-14 (uptil March, 14)	37.34 %	2.88 %	14.77 %	17.65 %	19.69 %

- 3.3 In order to justify its claim, the Petitioner mentioned the following grounds for the consideration of Authority;

**Administrative Grounds;**

- worst law and order situation affecting the work including kidnapping.
- Tribal clashes preventing access to certain areas.





- worst socio economic position of the people especially in the right bank of Indus river due to floods in August, 2010.
- Out of total 707,429 consumers 569,007 are of domestic category and out of total consumption 61.40% consumption pertains to this tariff category.
- ratio of Rural consumers is 65% and of Rural feeders is 68%.
- absence of heavy industrial connections having zero load, even the number of industrial and commercial connections is less in comparison with MEPCO.
- non-cooperation of Provincial Government and police departments in lodging FIRs against personnel involved in theft of electricity, transformers and conductors.
- off site stolen conductors are replaced with substandard conductors and eroded conductors.
- higher number of villages.
- high number of illegal kunda connections but external pressure hinders action against these connections.
- extra ordinary village electrification and 100% use of illegal electricity connections in such villages.
- no efforts by Provincial Government to regularize the illegal electricity connections of Provincial Government (Police, Education & TMA departments).
- external pressure and political influence hinders the initiation of disciplinary action against officers and officials.
- Influential groups hindering and threatening the field staff.

Technical Grounds;

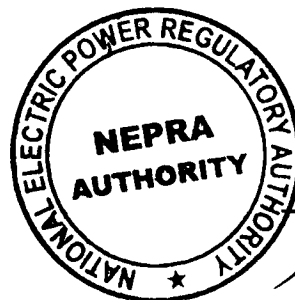




- Export of electricity by SEPCO to QESCO, HESCO and KESCL through lengthy 500KV & 220 KV transmission lines having length of 500 Km and 239.88 km respectively resulting in increase in Transmission and Grid losses up to 3.99% during FY 2012-13.
- transmission and distribution network of MEPCO and HESCO being much better than SEPCO.
- The 132 kV and 66 kV network is much longer than other DISCOs with 46 grid stations and 1,887 km length of 132 kV transmission line and 13 grid stations and 753 km length of 66 kV transmission line.
- The length of 11 kV feeders and LT lines is also long with lengths of 12,742 km and 13,175 km respectively.
- 50% of the power transformers are overloaded.
- 70% distribution transformers of 100 & 200 KVA are overloaded and 25% of 11 KV feeders are running with maximum load of 300 / 400 Amp.
- Approximately 50% distribution transformers are reclaimed.
- Some 5, 132 kV circuits are also overloaded.

3.4 The Petitioner also presented its efforts to reduce losses which are summarized as below;

- Replacement of LT Bare conductor with Aerial Bundle Cable (ABC) under which 37 11 KV high quantum loss feeders were selected of which ABC has been installed on 21 feeders. This project shall result in reduction of losses by 3.96% on completion.
- Proposal for regularization of illegal kunda connections through recovery of capital cost in easy installments is under progress.
- Replacement of sluggish meters with TOU / TOD meters and replacement of conventional meters with static solid meters.





- Measures for improvement in system loading conditions.
- Rehabilitation and bifurcation of over loaded 11 kV feeders.
- Augmentation of over loaded power and distribution transformers.
- Rehabilitation of H.T and L.T lines which includes up gradation of 66 KV system into 132 KV.
- Combing of high loss 11 kV feeders.
- Preventive maintenance of distribution system.
- Installation of 38 HT capacitors on 11 KV feeders.
- Installation of 11KV capacitor banks at 16 grid stations to enhance MVAR.
- Vigilance committees comprising Managers (S&I) & RM(M&T) and special task forces have been formed.
- Installation of Smart Energy Meters (AMR) and digital meters at common delivery points and grid stations.
- Special anti-theft cell established with toll free number.
- Establishment of Regional Customer Service Centre.
- Up gradation of Power Distribution Centre to monitor 11 kV feeder wise real time load management.

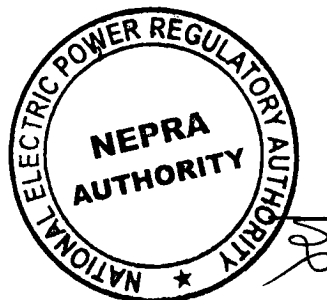
3.5 The Petitioner also informed the Authority regarding the study of T&D losses and stated that in compliance to the Authority's directives, the project of evaluation of T&D losses has been assigned to M/s Power Planner International Ltd (PPI). PPI have submitted draft report and final report was expected in May, 2014, however, due to law and order situation faced by the field staff of PPI, they have requested to extend the deadline till 31st July, 2014.

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- 3.6 During the hearing , it was informed that during the period from July, 2013 to April, 2014, it has provided electricity to 367 villages of which 70 villages have not applied for electricity connections. Further, during the aforementioned period, it has detected 10,518 theft cases and reported 485 cases for lodging of FIRs. The Petitioner also presented a detail of survey conducted on government connections, which shows that there were 5,569 direct electricity connections of government departments. In view of aforementioned, the Petitioner requested to reconsider its assessed losses of 15 % to a level of 37.07% for the FY 2013-14.
- 3.7 The Authority has discussed in detail the rational for fixing the T&D losses target of 15% from para 10.1 to para 10.14 of the tariff determination pertaining to the FY 2013-14. Although the Authority has referred to the USAID report, however, the same is not the sole basis for fixing of target, as the Authority has itself mentioned in para 10.13 of the determination pertaining to the FY 2013-14, that some allowance of error in this report has to be given to the Petitioner and therefore the losses indicated by USAID report of 9% were flexed to 15%.
- 3.8 While assessing the target of 15 % the Authority has given due consideration to all the arguments mentioned above. Although the Authority's decision dated 3rd March, 2014 on the issue of assessment of T&D losses, was a well considered decision but after careful consideration of the Petitioner's arguments particularly with respect to law and order situation and its efforts towards reduction of T&D losses , is of the view that some cushion of law and order situation must be allowed to the Petitioner. Here it pertinent to mention that the initial assessment of 15% also included a margin of administrative losses, which was to the extent of 0.5% only. The Authority considers that the same must be enhanced to a realistic level. In view thereof, the Authority has decided to allow it to the extent of 2.5% . Thus, reassessing the level of T&D losses to the level of 17 % for the FY 2013-14. The Authority at the same time directs the Petitioner to expedite its study of T&D losses. The Authority may reconsider its assessment in this regard, the light of the finding of the report on prospective basis.
4. **Operating & Maintenance Expenses**
- 4.1 The Petitioner stated in the review motion that it had requested an amount of Rs. 6,435 million in the tariff petition for the FY 2013-14 to be allowed as Operation and maintenance (O&M) expenses. However, the Authority has assessed an amount of Rs. 4,160 million. The Petitioner requested the Authority to reconsider its decision in this regard.





4.2 The Petitioner stated that the Authority has allowed an amount of Rs. 2,993 million under salaries and wages as against the requested amount of Rs. 4,662 million. The Petitioner argued that its requested amount was based on the following parameters ; 10% increase in basic salary

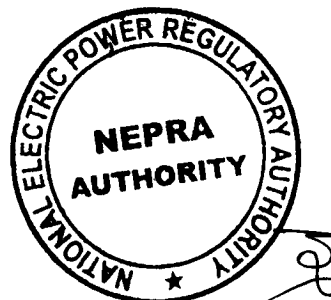
- 6% annual increment.
- Risk allowance to technical staff line men @ Rs. 5,000 / month
- Increase in daily wage rate.
- Increase in pensions by 10%.

The Petitioner submitted that incorporating the above mentioned increments, the requested amount of pay and allowances may be approved by the Authority

4.3 The Petitioner also submitted actuarial valuation report in respect of provision for post retirement benefits fund for the FY 2012-13 and requested for approval of this provision. The financial impact of new recruitments having an effect of Rs. 59 million for the FY 2013-14, was also requested .

4.4 On the issue of repair and maintenance , the Petitioner stated that the Authority has allowed an amount of Rs. 678 million in the subject head against the requested amount of Rs. 1,083 million. The Petitioner also submitted a break-up of actual expense incurred in FY 2012-13 as against the requested expense as below;

Account head	FY 2012-13	FY 2013-14	Increase in Expenditure	
	Actual Expense (Rs. In m)	Requested Expense (Rs. In m)	Amount (Rs. In m)	%
R&M - Building and civil works	144.38	160.83	16.45	11.39 %
R&M - Grid station and transmission line	112.42	133.28	20.86	18.56 %
R&M - Distribution Material	469.69	569.22	99.53	21.19 %







R&M - General Plant	15.65	21.30	5.65	36.10 %
R&M - Other Physical Property	155.48	193.04	37.56	24.16 %
Total	897.62	1,083.38	180.05	20.06 %

4.5 The Petitioner further submitted the following reasons for the increase in expense under this head;

- lengthy transmission lines and distribution lines with the increase in HT line 10% and in LT line 7%;
- overloaded transformers requiring regular maintenance
- high ratio of burnt out transformers owing to ethnic issues and mob action.
- village electrification leading to increase in this cost.
- most of the offices and residential building have expired their life and needs regular maintenance.

Based on the aforementioned grounds, the Petitioner has requested the Authority to reconsider its decision and allow expense under this head to the tune of Rs. 1,083 million.

4.6 On the issue of transportation expenses, the Petitioner stated that the Authority has allowed an amount of Rs. 138 million under this head as against the requested expense of Rs. 218.49 million. The Petitioner has presented following updated break-up of this expense during the hearing;

Account head	FY 2012-13	FY 2013-14	Increase in Expenditure	
	Actual Expense (Rs. In m)	Requested Expense (Rs. In m)	Amount (Rs. In m)	%
Vehicle Repair and Others	15.64	18.76	3.12	19.95 %





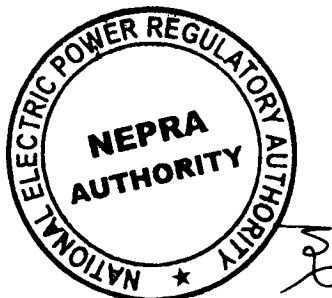
Fuel & Oil	143.68	198.42	55.74	38.79 %
Total	159.32	218.49	59.17	37.14 %

In addition to this, the Petitioner has submitted a justification for increase in transportation expense by showing a comparison of prices of petrol, diesel and cng as below;

Description	Unit	Petrol (Rs. / Liter)	Diesel (Rs. / Liter)	CNG (Rs. / kg)
Maximum	Rs. / Liter	121.86	126	85.2
Minimum	Rs. / Liter	99.27	107	79.2
Increase (% age)	%	22.76 %	17.76 %	7.58 %
Average Fuel Consumption	%	30 %	25 %	45 %

- 4.7 The Petitioner further submitted that 97.5% expense under this head is on vehicles that are used for operational activities and the average cost per vehicle comes out to be Rs. 67,435 / month including fuel, renewal of registration and repair and maintenance. The Petitioner also informed the Authority that average age of vehicles is more than 10 years old causing heavy maintenance and there is ban on purchase of new vehicles. Concluding on these grounds, the Petitioner requested the Authority to allow Rs. 218 million under this head as the current estimation of the Authority is based on past trend and comparison with other DISCOs which is not a valid basis.
- 4.8 On the issue of other expenses, the Petitioner pleaded that it requested the Authority to approve an amount of Rs. 272 million under the head of other expenses, whereas the Authority has assessed an amount of Rs. 153 million. The Petitioner has submitted details / break-up of expenses forming part of this head and the grounds pleaded by the Petitioner are also summarized as below;

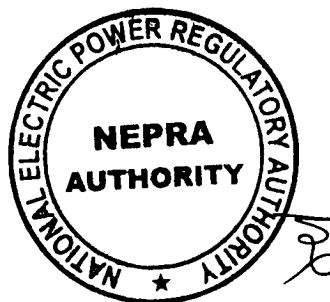
Account head	FY 2012-13	FY 2013-14	Basis
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	Actual Expense (Rs. In m)	Requested Expense (Rs. In m)	
Rent, Rates and taxes	4.39	5.19	Tenancy agreements, creation of new offices and renewal of arms license fee.
Light, heat, water & Power	24.61	28.55	Increase in rates
Annual Distribution license fee of NEPRA		9.13	Computation
Postage & Telephone	10.04	11.48	Inflation and increase in volume of work
Office supplies and other expenses	22.55	24.80	Estimation
Bill Collection expenses		49.88	Computation
Professional fee	4.3	12.15	Estimation
Management fee	4.86	5.84	Estimation
Bank charges	0.98	1.12	Estimation
Insurance charges to WAPDA		4.40	Computation
Other miscellaneous expenses	30.60	36.13	Estimation

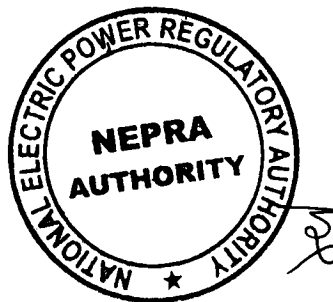
- 4.9 The Authority has discussed the rationale for the approved O&M expenses under para 13 of the tariff determination for the FY 2013-14 with sufficient clarity. The Authority





has assessed **salaries and wages** by taking into account all the approved increments of Government of Pakistan. The increments mentioned by the Petitioner have been incorporated in the working with the exception of risk allowance that has been disallowed by the Authority in para 13.2.4 of the tariff determination for FY 2013-14

- 4.10 The only difference between the Petitioner's requested expense and Authority's approved expense is in respect of cost of new recruitments and provision for post retirement benefits fund, therefore, the argument of Petitioner is baseless. The actuarial valuation report provided by the Petitioner is of no relevance as the Authority has no disagreement with the provisions. The Authority has given clear direction to the Petitioner to create a separate fund and deposit the amount of provision in the said fund in order to claim that. In absence of that the Authority allows only GOP increase along with actual payments in this regard. Here it is pertinent to mention that the Petitioner has not updated, the Authority in respect of progress in this regard. As regards the financial impact of new recruitments, the Authority directed the Petitioner to get an audit certificate and to facilitate the DISCOs, the professionals of NEPRA have finalized a framework to conduct this audit in accordance with International Standards on Auditing and the same shall be forwarded to DISCOs for implementation in due course of time.
- 4.11 The matter of **maintenance expenses** has been addressed by the Authority in para 13.3 of the tariff determination for the FY 2013-14. The Authority had dismissed the claim of Petitioner for want of verifiable documentary evidence which the Petitioner has again failed to submit at this stage.
- 4.12 The issue of **transportation / vehicle running expenses** has been addressed by the Authority in para 13.5 of the tariff determination for the FY 2013-14. The grounds presented by the Petitioner are similar to the justifications given by the Petitioner in the tariff petition for FY 2013-14. Therefore, the Authority concludes that no new evidence or fact has been presented by the Petitioner to justify the reconsideration of this expense.
- 4.13 The issue of **other expenses** has been addressed by the Authority in para 13.6 of the tariff determination for the FY 2013-14. The break-up and basis for estimation submitted by the Petitioner have been duly considered by the Authority in determining and approving expense under this category in its decision pertaining to the FY 2013-14.
- 4.14 In view of aforementioned discussion, the Authority concludes that the Petitioner has failed to submit any new evidence in support of its claim or pointed out any error in the computation of expenses and the facts submitted by the Petitioner have been given





due consideration by the Authority in determining O&M expenses in tariff determination for the FY 2013-14. Consequently, the Authority turns down the request of the Petitioner.

## 5. Bad Debt Written off in FY 2012-13

5.1 The Petitioner pleaded that the Authority has declined their request for bad debts in the tariff determination for the FY 2013-14 on the grounds that the write off is abnormal and it is not clear as to what period it relates to. Explaining the basis for write off, the Petitioner submitted that the write offs pertain to multiple electricity connections of Departments of Government of Sindh (GoS) that are using electricity through both sanctioned and unsanctioned connections but avoid from payment by taking different pleas. As per the Petitioner, the following sequence of events have lead to the write-off of this balance;

- a) SEPCO receivables against GoS ending June, 2010 were Rs. 12,623.94 million.
- b) GoS filed a Civil Suit No. 351/2010 dated 10th March, 2013 against PEPCO, HESCO and Federal Adjustor in Honorable High Court Karachi.
- c) A meeting was held on 11th April, 2010 to resolve the billing dispute for the period July, 2003 to June, 2010 and the Court ordered "Status quo" to refrain federal adjustor from deduction at source.
- d) As per the decision of federal adjuster during meeting held on 28th July, 2011, an amount of Rs. 3.9 billion as per calculation of GoS, is to be paid within a month, however issue of unauthorized connections will be surveyed and completed within 90 days amounting to Rs. 9.86 billion.
- e) In the light of minutes of meeting held under chairmanship of Chief Secretary Sindh on 26th September, 2011, GoS agreed to par Rs. 3.9 billion to HESCO / SEPCO against the dues of sanctioned connections and the matter of additional unauthorized connections after 2002-03 may be resolved by a committee.
- f) GoS released a payment of Rs. 3.9 billion in September, 2011 as per the 'Terms and conditions of payment of Rs. 3.9 billion for disputed billing paid ending 30th June, 2010' duly signed by CEO's of HESCI/ SEPCO and representative of GoS
- g) The amount of Rs. 9.86 billion against unauthorized connections remained disputed which was decided in the meeting of a sub Committee constituted by Counsel of Common Interest (CCI) to resolve the issue related to electricity dues of the province was held under the chairmanship of the Chief Minister Sindh on 28th January, 2013 wherein it was decided to close the matter of billing dispute upto June, 2010 as under;





- i) An amount of Rs. 19.28 billion billed against sanctioned connections for the period July, 2003 to June, 2010 was recalculated / decided on the basis of per connection billing of FY 2003-04 which came to Rs. 17.06 billion. Hence Rs. 2.2 billion was proposed to be written-off.
  - ii) The billing against direct connections for the same period was Rs. 7.37 billion but Sub Committee of Counsel of Common Interest directed GoS for payment of Rs. 2.5 billion to both HESCO and SEPCO, and HESCO / SEPCO shall write off the remaining amount of dues ending June, 2010.
  - h) GoS released payment of Rs. 2.5 billion to HESCO / SEPCO on 19th February, 2013.
  - i) MD PEPCO Lahore was requested for necessary action.
  - j) GoS requested CEO HESCO for mutually withdrawal of Civil Suit on 29th December, 2011.
- 5.2 The Petitioner submitted that in the light of above decision of Sub Committee of CCI, the Board of Directors (BOD) of SEPCO approved write off of Rs. 9.424 billion to settle the long outstanding dispute on 27th March, 2013.
- 5.3 The Authority has briefed upon the matter in para 17.4 of the tariff determination of the FY 2013-14 wherein Petitioner was directed to submit details of nature of debts and procedures followed in write off of this huge amount. The Authority notes that the Petitioner has submitted details of meetings held at various forums, yet has failed to submit the ageing analysis and details of nature of billing on these connections as in what made them to be written-off as the GOS departments are not closed. Furthermore, considering the fact that the amount is significant, the Authority cannot pass on its burden to consumers without detailed verification. Based on the fact that the Petitioner has failed to submit any important matter of evidence in support of its claim, the Authority declines the request of Petitioner and directs it to resubmit its case with afore stated evidences with the next year's tariff petition.

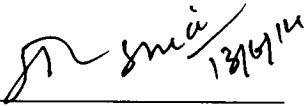
## 6. Decision

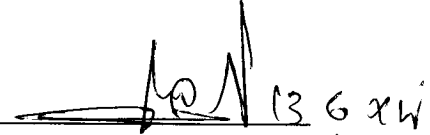
- 6.1 Based on the revision of T&D losses target, the Authority considers that the review would result in the modification of its determination to the extent of losses target and the SOT part is revised accordingly.


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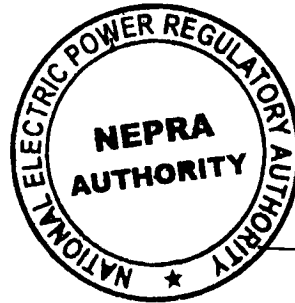


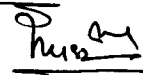
AUTHORITY

  
(Major (R) Haroon Rashid)  
Member

  
(Khawaja Naeem)  
Member

  
(Habibullah Khilji)  
Vice Chairman

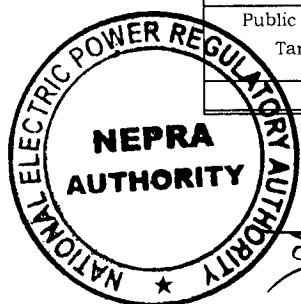


  
13.06.2014

**Sukkur Electric Power Supply Company (SEPCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

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Description	New Tariff (NEPRA) Revenue (as per NEPRA)						
	Sales GWh	Sales Mix	Fixed Charge Rs./kW/ Month	Variable Charge Rs./ kWh	Fixed Charge Rs.Mlns.	Variable Charge Rs.Mlns.	Total
<b>Residential</b>							
Up to 50 Units	93	2.57%		4.00	-	371	371
For peak load requirement less than 5 kW							
01-100 Units	651	18.05%		10.50	-	6,827	6,827
101-300 Units	720	19.98%		12.50	-	9,002	9,002
301-700 Units	365	10.13%		15.50	-	5,656	5,656
Above 700 Units	386	10.70%		17.50	-	6,747	6,747
For peak load requirement 5 kW & above							
Time of Use (TOU) - Peak	1	0.02%		17.50	-	11	11
Time of Use (TOU) - Off-Peak	8	0.21%		11.50	-	88	88
<b>Total Residential</b>	<b>2,222</b>	<b>61.66%</b>				<b>28,603</b>	<b>28,702</b>
<b>Commercial - A2</b>							
For peak load requirement less than 5 kW	123	3.43%		17.50	-	2,160	2,160
For peak load requirement 5 kW & above							
Regular	27	0.76%	400.00	15.00	91	412	503
Time of Use (TOU) - Peak	5	0.14%		17.50		85	85
Time of Use (TOU) - Off-Peak	66	1.82%	400.00	11.50	234	753	987
<b>Total Commercial</b>	<b>221</b>	<b>6.14%</b>			<b>325</b>	<b>3,411</b>	<b>3,735</b>
<b>Industrial</b>							
B1	249	6.91%		14.50	-	3,612	3,612
B1 - TOU (Peak)	0	0.01%		17.50	-	5	5
B1 - TOU (Off-peak)	1	0.04%		11.50	-	17	17
B2	109	3.02%	400.00	14.00	213	1,524	1,738
B2 - TOU (Peak)	7	0.20%		17.50	-	123	123
B2 - TOU (Off-peak)	130	3.60%	400.00	11.30	214	1,465	1,678
B3 - TOU (Peak)	1	0.03%		17.50	-	19	19
B3 - TOU (Off-peak)	24	0.66%	380.00	11.20	23	266	289
B4 - TOU (Peak)	1	0.02%		17.50	-	14	14
B4 - TOU (Off-peak)	20	0.55%	360.00	11.10	15	218	233
<b>Total Industrial</b>	<b>542</b>	<b>15.03%</b>			<b>465</b>	<b>7,263</b>	<b>7,728</b>
<b>Single Point Supply for further distribution</b>							
C1(a) Supply at 400 Volts-less than 5 kW	7	0.18%		15.00	-	99	99
C1(b) Supply at 400 Volts- 5 kW & up to	43	1.18%	400.00	14.50	58	618	677
Time of Use (TOU) - Peak	1	0.04%		17.50	2	23	25
Time of Use (TOU) - Off-Peak	19	0.52%	400.00	11.50	26	217	242
C2 Supply at 11 kV	1	0.03%	380.00	14.30	1	15	16
Time of Use (TOU) - Peak	15	0.42%		17.50	11	266	277
Time of Use (TOU) - Off-Peak	98	2.73%	380.00	11.30	70	1,112	1,182
C3 Supply above 11 kV	-	0.00%	360.00	14.20	-	-	-
Time of Use (TOU) - Peak	-	0.00%		17.50	-	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	360.00	11.20	-	-	-
<b>Total Single Point Supply</b>	<b>184</b>	<b>5.11%</b>			<b>168</b>	<b>2,349</b>	<b>2,517</b>
<b>Agricultural Tube-wells - Tariff D</b>							
Scarp	266	7.38%		13.60		3,617	3,617
Agricultural Tube-wells	30	0.84%	200.00	13.00	21	393	414
Time of Use (TOU) - Peak	2	0.04%		17.50		26	26
Time of Use (TOU) - Off-Peak	38	1.06%	200.00	11.20	27	427	454
<b>Total Agricultural</b>	<b>336</b>	<b>9.32%</b>			<b>48</b>	<b>4,464</b>	<b>4,512</b>
Public Lighting - Tariff G	97	2.68%		15.00	-	1,448	1,448
Tariff H - Residential Colonies attached to industries	2	0.06%		15.00	-	33	33
<b>Total</b>	<b>3,604</b>	<b>100.00%</b>			<b>1,005</b>	<b>47,570</b>	<b>48,674</b>





**SCHEDULE OF ELECTRICITY TARIFFS  
FOR SUKKUR ELECTRIC POWER SUPPLY COMPANY (SEPCO)**

**A-1 GENERAL SUPPLY TARIFF - RESIDENTIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED	VARIABLE CHARGES	
		CHARGES Rs/kW/M	Rs/kWh	
a)	For Sanctioned load less than 5 kW			
i	Up to 50 Units	-	4.00	
	For Consumption exceeding 50 Units			
ii	01-100 Units	-	10.50	
iii	101-300 Units	-	12.50	
iv	301-700 Units	-	15.50	
v	Above 700 Units	-	17.50	
b)	For Sanctioned load 5 kW & above			
	Time Of Use	-	Peak 17.50	Off-Peak 11.50

As per the Authority's decision residential consumers will be given the benefits of only one previous Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 75/- per consumer per month

b) Three Phase Connections:

Rs. 150/- per consumer per month

**A-2 GENERAL SUPPLY TARIFF - COMMERCIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED	VARIABLE CHARGES	
		CHARGES Rs/kW/M	Rs/kWh	
a)	For Sanctioned load less than 5 kW		17.50	
b)	For Sanctioned load 5 kW & above	400.00	15.00	
			Peak	Off-Peak
c)	Time Of Use	400.00	17.50	11.50

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections;

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month



**SCHEDULE OF ELECTRICITY TARIFFS  
FOR SUKKUR ELECTRIC POWER SUPPLY COMPANY (SEPCO)**

**B INDUSTRIAL SUPPLY TARIFFS**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
B1	Upto 25 kW (at 400/230 Volts)	-	14.50	
B2(a)	exceeding 25-500 kW (at 400 Volts)	400.00	14.00	
	Time Of Use		Peak	Off-Peak
B1 ( b)	Up to 25 KW		17.50	11.50
B2(b)	exceeding 25-500 kW (at 400 Volts)	400.00	17.50	11.30
B3	For All Loads up to 5000 kW (at 11,33 kV)	380.00	17.50	11.20
B4	For All Loads (at 66,132 kV & above)	360.00	17.50	11.10

For B1 consumers there shall be a fixed minimum charge of Rs. 350 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.

**C SINGLE POINT SUPPLY FOR PURCHASE IN BULK BY A DISTRIBUTION LICENSEE AND MIXED LOAD CONSUMERS NOT FALLING IN ANY OTHER CONSUMER CLASS**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
C -1	For supply at 400/230 Volts			
a)	Sanctioned load less than 5 kW	-	15.00	
b)	Sanctioned load 5 kW & up to 500 kW	400.00	14.50	
C -2(a)	For supply at 11,33 kV up to and including 5000 kW	380.00	14.30	
C -3(a)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	14.20	
	Time Of Use		Peak	Off-Peak
C -1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	17.50	11.50
C -2(b)	For supply at 11,33 kV up to and including 5000 kW	380.00	17.50	11.30
C -3(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	17.50	11.20



**SCHEDULE OF ELECTRICITY TARIFFS  
FOR SUKKUR ELECTRIC POWER SUPPLY COMPANY (SEPCO)**

**D - AGRICULTURE TARIFF**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
D-1(a)	SCARP less than 5 kW	-	13.60	
D-2	Agricultural Tube Wells	200.00	13.00	
			Peak	Off-Peak
D-1(b)	SCARP and Agricultural 5 kW & above	200.00	17.50	11.20

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.

Note:- The consumers having sanctioned load less than 5 kW can opt for TOU metering.

**E - TEMPORARY SUPPLY TARIFFS**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES
		Rs/kW/M	Rs/kWh
E-1(i)	Residential Supply	-	17.50
E-1(ii)	Commercial Supply	-	17.50
E-2	Industrial Supply	-	14.50

For the categories of E-1(i&ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

**F - SEASONAL INDUSTRIAL SUPPLY TARIFF**

125% of relevant industrial tariff

Note:

*Tariff F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.*

**G - PUBLIC LIGHTING**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES
		Rs/kW/M	Rs/kWh
	Street Lighting		15.00

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.



**SCHEDULE OF ELECTRICITY TARIFFS  
FOR SUKKUR ELECTRIC POWER SUPPLY COMPANY (SEPCO)**

**H - RESIDENTIAL COLONIES ATTACHED TO INDUSTRIAL PREMISES**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES
		Rs/kW/M	Rs/kWh
	Residential Colonies attached to industrial premises	-	15.00

