



Registrar

National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, Ataturk Avenue (East) G-5/1, Islamabad
Ph: +92-51-9206500, Fax: +92-51-2600021
Web: www.nepra.org.pk, E-mail: info@nepra.org.pk

No. NEPRA/TRF-133/KESC-2009/3160-3163
March 31, 2014

Subject:- **Decision of the Authority in the matter of Karachi Electric Supply Company Limited Quarterly Adjustment in Tariff for the Quarter January 2013 to March 2013 [Case No. NEPRA/TRF-133/KESCL-2009(6)]**

Dear Sir,

Please find enclosed herewith the subject decision of the Authority along with revised schedule of electricity tariff, Annexure-I (12 pages) regarding quarterly adjustment for the quarter January 2013 to March 2013 in respect of Karachi Electric Supply Company Ltd. in Case No. NEPRA/TRF-133/KESC-2009(6).

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

3. Please note that revised schedule of tariff attached to the Decision as Annex-I is required 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.
3. Secretary, Privatization Commission, EAC Building, Islamabad.



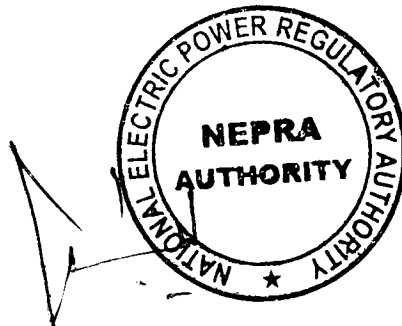
**DECISION OF THE AUTHORITY IN THE MATTER OF KARACHI ELECTRIC SUPPLY COMPANY LIMITED
QUARTERLY ADJUSTMENT IN TARIFF FOR THE QUARTER JANUARY, 2013 TO MARCH, 2013**

BACKGROUND

1. Pursuant to section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 and in accordance with the determination of the Authority in case No. NEPRA/TRF-133/KESC-2009(6) notified vide S.R.O. No. 11(I)/2010 dated January 01, 2010, Karachi Electric Supply Company Limited (hereinafter referred to as the "KESCL") has been allowed certain adjustments in its tariff on quarterly basis. The adjustments allowed in the KESCL's tariff on quarterly basis include the following:
 - Impact of variation in the fixed component of power purchase cost and variable operation and maintenance costs (hereinafter referred to as the "O&M costs") of power purchased by KESCL from the external sources.
 - The impact of transmission and distribution losses (hereinafter referred to as the "T & D losses") not recovered in the monthly fuel charges adjustment.
2. In addition to the aforesaid adjustments in tariff, for allowing KESCL recovery of its revenue in future on the latest price level, the tariff level is required to be adjusted to the price level of last month of the quarter i.e. in the current case, the price level of March, 2013.

CURRENT REQUEST

3. KESCL in accordance with the prescribed mechanism for adjustment of fuel cost and power purchase cost variation submitted quarterly adjustment request for the quarter January-March, 2013 (hereinafter referred to as the "current quarter") vide its letter No. RA&SP/NEPRA/071/1075 dated April 22, 2013. The summary of adjustment as requested by KESCL is tabulated below;

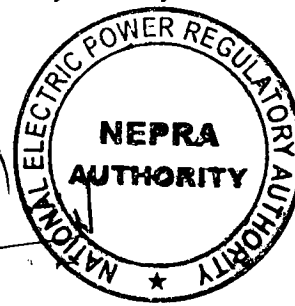




Sr. no.	DESCRIPTION	Requested Adjustment
1	Fuel Price Variation of March, 2013 over December, 2012 (Ps/kWh)	172.806
	Power Purchase Price Variation of March, 2013 over December, 2012 (Ps/kWh)	43.030
	Adjustment in Level of Tariff (Ps/kWh)	215.837
	Un recovered Cost	Million Rs.
	Variation in O&M cost of IPPs and Other External Sources	15.215
	Variation in Capacity charges of IPPs and Other External Sources	29.804
	Un-recovered cost of fuel in FCAs due to non-adjustment of T&D losses	708.608
	Adjustment of Unrecovered Cost of Previous Quarter (Oct-Dec'12)	(110.664)
	Other Adjustment in Power Purchase Costs	(239.727)
	Total Un-recovered Cost	403.238
	Estimated Units to be Sold April-June, 2013 (GWh)	3,132.130
2	Required Adjustments (Ps/kWh)	12.874
3	Adjustment of cost of the previous quarter (Oct-Dec,12)	(43.548)
1+2+3	Total Required Adjustment in KESCL's Tariff (Ps/kWh) (1+2+3)	185.163

PUBLIC HEARING

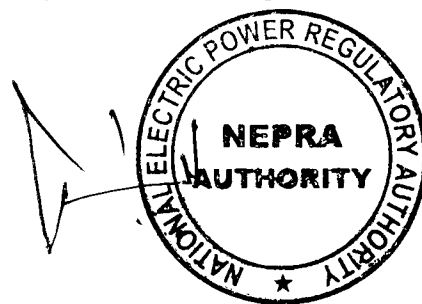
4. Since the impact of tariff adjustment, if any, affects the consumers, therefore, in order to meet the ends of natural justice, the Authority considered it just and appropriate to provide an opportunity of hearing/filing of objections/comments to all the stakeholders. Accordingly, a public hearing for consideration of the requested adjustments was scheduled by the Authority on June 03, 2013 at Marriott Hotel, Karachi; notice thereof was uploaded on NEPRA's website dated May 24, 2013 and separate notices were also sent to major stakeholders. In addition, a ticker was also run on the news channels on the same date inviting thereby comments/objections from the concerned stakeholders to make the process of hearing meaningful and to reach at an informed and just decision. The comments, related to subject matter of hearing, as submitted by different commentators are given hereunder;
5. Dr. Qazi Ahmed Kamal, representing Karachi Chambers of Commerce and Industry, during the hearing as well as in written comments submitted that NEPRA in its determination dated September 10, 2002 in case number NEPRA/TRF14/KESC/2002 has clearly stated that "KESC shall be allowed to increase its own generation or buy from elsewhere to cope with the increase in demand or replace its purchase from WAPDA and other external sources with lower cost of generation. Such permission will be given when KESC demonstrates to the satisfaction of NEPRA the need and comparative advantage of such acquisition." Dr. Qazi said that the above guideline provides that firstly KESCL will make effort to generate itself and after full utilization of its own power sources will purchase power from the external sources which should be justified and more economical than the production of KESC, however, the present situation is totally contrary to that and the same has become





the major reason for the increase in tariff. KESCL in response submitted that the commentator appears to suggest that KESCL is drawing expensive power from external sources without proper utilization of its own generation which is an untrue perception in light of the fact that KESCL management has invested USD 361 Million for adding new generation capacity and rehabilitation of network infrastructure over the past three years. Since the required quantity of gas is not being supplied and energy produced/purchased from furnace oil is around four (04) times expensive, therefore, KESCL in accordance with the international best utility practices, follows the Economic Merit Order (EMO) in dispatching power according to which gas based power on own generation fleet and power purchases from NTDC ranks over furnace oil based own generation/purchases which is a practice in favor of the consumers. The Authority noted that in its monthly fuel charges adjustment decisions for the subject period, it has already indicated that the issue of EMO will be taken up with KESCL separately, while allowing monthly fuel charges variations on provisional basis, subject to adjustments if the EMO is found to be not followed.

6. Mr. Qazi Ahmed Kamal further submitted that there are power stations in the generation fleet of KESCL that have an auxiliary consumption level higher than benchmark of 6.1% as set by NEPRA. The Authority noted that the adjustments in tariff of KESCL are allowed while taking into account the auxiliary consumption only to the extent of 6.1% of the overall generation fleet. Any figure over and above is absorbed by KESCL directly as a part of its efficiency loss under the tariff mechanism and the impact of this inefficiency is not passed on to the consumers.
7. Dr. Qazi further presented that KESCL's heat rates, i.e. the efficiency targets as allowed by NEPRA to the utility to work out the variations are on the higher side. KESCL in this regard submitted that the thermal efficiencies target upon which variations are worked out by NEPRA are on the quite lower side as compared to what is actually being incurred by the utility. As directed by the Authority vide its determination dated December 23, 2009, the heat rates of all the new power stations were carried out and reports were submitted to the Authority showing the actual heat rates on the higher side as compared to what is targeted by NEPRA. Despite of that, the variations are still being allowed on the set benchmarks and efficiency loss is being borne by the utility.
8. Mr. Qazi Ahmed Kamal also inquired regarding installation of ToU meters of 5 kW and above for which KESCL was directed by the Authority to install the same no later than June 30, 2011 for all existing consumers. The Authority has taken serious notice of this non-compliance on part of KESCL and the issue is currently under consideration of the Authority.
9. Mr. Qazi also asked regarding the existence or otherwise of any condition in the privatization agreement of KESCL which gives it the right to produce electric power only through cheap fuels and under-utilize its power stations in view of the cost constraints while subjecting the end users to load shed. Further, KESCL was also directed/warned by the Authority that if it continues the practice of reducing or underutilizing its generation





capacity from IPPs strict punitive action will be taken against it. Regarding this submission, it is informed that the Authority has already taken notice of under-utilization of KESCL's own generation and dedicated external power sources of KESCL's system and in relation to that, it has issued an explanation letter to KESCL and the proceedings in this regard are currently under consideration of the Authority.

ANALYSIS AND DECISION

10. The generation data, rates as submitted by KESCL (both from self generation and power purchased from external sources) were scrutinized with respective invoices and other underlying documents. KESCL's request for the current quarter has been discussed, in detail, under the following headings:

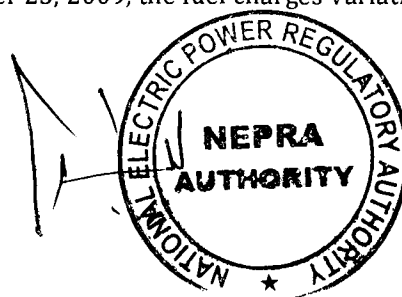
- a) Changing the reference tariff from December, 2012 to March, 2013
- b) Unrecovered costs for the Current Quarter
- c) Reversal of tariff adjustment pertaining to the previous quarter i.e. October-December, 2012 which was applicable for the current quarter only

a) Changing the reference tariff from December, 2012 to March, 2013

11. KESCL's last adjusted tariff is based on the fuel prices (both own generation and power purchase), O&M costs and capacity charges of December, 2012. For allowing KESCL recovery of its tariff in future on the latest price level, it is required that KESCL's tariff be adjusted to the price level of March, 2013. Changing the tariff level requires allowing variations in the fuel cost of KESCL's own generation as well as in the KESCL's power purchase cost (fuel cost, O&M costs and Capacity Charges) of March, 2013 over the reference month of December, 2012. KESCL has requested for allowing following adjustments in its tariff on this account:

Description	Requested
Fuel cost variation of March, 2013 over December, 2012 (Mill Rs.)	1,741.407
Power purchase cost variation of March, 2013 over December, 2012 (Mill. Rs.)	433.628
Total Variation (Mill Rs.)	2,175.035
Units sold at 19% T&D losses for March, 2013 (GWh)	1,007.722
Required adjustment in tariff (Ps/kWh)	215.837

12. According to KESCL, the main reason of variation as claimed by it is the increase in Furnace Oil (hereinafter referred to as "F.O) prices and more generation on the same fuel as compared to the reference month. The weighted average rate of F.O for the month of March, 2013, as submitted by KESCL, comes out to be Rs. 67,102/MTon as compared to Rs. 62,991/MTon in the reference month of December, 2012. Moreover, KESCL on its power station namely Bin Qasim-I generated around 194 GWh on F.O in the month of March, 2013 as compared to around 35 GWh during the reference month of December, 2012. Since, as per the mechanism approved vide Authority's determination dated December 23, 2009, the fuel charges variation on each power



4 *[Signature]*

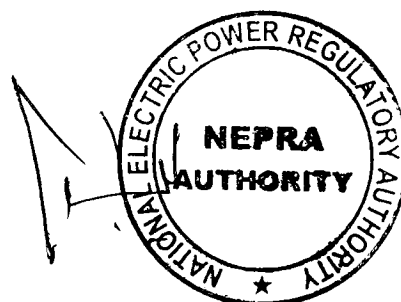


station in KESCL's owned generation fleet is worked out and allowed by taking into account the change both in price and generation mix, therefore, the aforementioned increase in prices coupled with a higher quantity of generation on F.O in the month of March, 2013 compared to the reference month are the factors towards the claimed variation. Further, prices of gas also increased from Rs. 487/MMBTUs in the month of December, 2012 to Rs. 515/MMBTUs in the month of March, 2013.

13. With respect to power purchase cost, it was submitted by KESCL that the overall power purchase cost of the energy purchased from external sources of KESCL, i.e. fuel cost, O&M cost and Capacity charges, has increased from Rs. 11.050/ kWh for the month of December, 2012 to Rs. 11.708/ kWh for the month of March, 2013 i.e. an increase of Rs. 0.658/KWh. As per KESCL, the major reason of this increase is the hike in the cost (fuel cost + fixed cost) of the electricity purchased from National Transmission and Dispatch Company (hereinafter referred to as "NTDC"). The cost of energy purchased from NTDC for the month of March, 2013, as per the submission of KESCL, comes out to be Rs. 10.694/kWh as against Rs. 10.673/kWh in the reference month.
14. A comparative analysis of the adjustment in KESCL tariff required for bringing it to the tariff level of March, 2013 as requested and as approved by the Authority after thorough analysis is tabulated below;

Description	As Requested	Approved
Fuel cost variation of Mar, 2013 over Dec, 2012 (Mill Rs.)	1,741.407	1,650.739
Power purchase cost variation of Mar, 2013 over Dec, 2012 (Mill. Rs.)	433.628	429.203
Total Variation (Mill Rs.)	2,175.035	2,079.942
Units sold at 19% T&D losses for Mar, 2013 (GWh)	1,007.722	1,007.722
Required adjustment in tariff (Ps/kWh)	215.837	206.400

15. The above mentioned difference in the worked out and requested figures of fuel charges variation in own generation is partly due to inconsistency in the working of furnace oil monthly rate (Rs/MTon) at KESCL's end and partially owing to the claim of KESCL, to the tune of around Rs. 80 million, on account of variations against Bin Qasim-II power station in the month of March, 2013. KESCL in its request worked out the furnace oil rate while taking the prices of furnace oil consumed on moving average method whereas the Authority has consistently been using monthly weighted average method to calculate the same. The Authority vide its monthly fuel charges adjustment decisions has already directed KESCL to work out the monthly rate of furnace oil on monthly weighted average basis to avoid any inconsistency in the future. With respect to the variation of Rs. 80 million as claimed by KESCL on energy generated from Bin Qasim-II, the Authority vide the monthly FCA decision of KESCL for the month of March, 2013 has decided not to allow the claimed variation for the said power station as the heat rate as used by KESCL was not consistent with the heat rate approved by the Authority. KESCL was previously directed to work out and claim the fuel charges variations for BQPS-II while using the heat rate as already approved by the Authority.





16. The difference between requested and worked out power purchase cost variation of around Rs. 4 million is mainly due to the reason that KESCL in its request used invoiced energy transfer rate of NTDC, i.e Rs. 9.136/kWh for the month of March, 2013 whereas the Authority's approved NTDC rate that is Rs. 9.093/kWh has been used in the aforementioned calculations.

b) Under Recovered costs for the current quarter

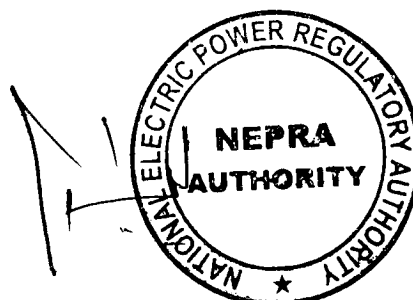
17. KESCL has requested for allowing adjustments of the following unrecovered costs:

Description	Requested by KESCL
Variation in O&M cost of IPPs and Other External Sources (Mill Rs.)	15.215
Variation in Capacity charges of IPPs and Other External Sources (Mill Rs.)	29.804
Un-recovered cost of fuel in FCAs due to non-adjustment of T&D losses (Mill Rs.)	708.608
Adjustment of un-recovered cost of Previous Quarter	(110.664)
Adjustment of Fixed Cost of KANUPP	44.033
Adjustment of Fixed Cost of PASMIC	1.756
Adjustment of WPPF Payment to IPPs	106.360
Adjustment of Revised Invoices of NTDC 2011-12	(391.876)
Total Un-recovered Cost (Mill Rs.)	403.238
Estimated Units to be Sold April-June, 2013 (GWh)	3,132.130
Required Adjustments (Ps/kWh)	12.874

18. Variations in O&M Cost: The variations in O&M costs are worked out by comparing the monthly weighted average O&M costs of all the power stations KESCL procures power from. This method yields results representing the change in both prices and energy mix on month to month basis.

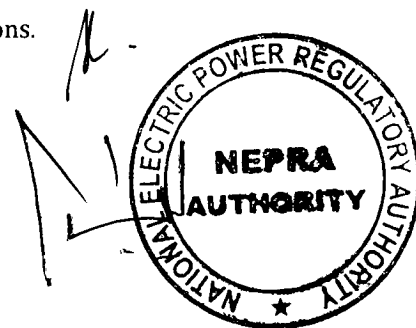
19. Variations in Capacity Charges: Similar to the mechanism of O&M cost, the variation in Capacity Charges is worked out by comparing the monthly weighted average cost of all the power stations KESCL procures power from, which represents change in both prices and energy mix. In case of capacity charges, it is noticed that the reason of the claimed variation is the increase in the Capacity Charges of the two IPPs (Tapal and Gul Ahmed) during the current quarter as compared to the reference month.

20. Un-recovered fuel cost due to non-adjustment of T&D losses in monthly FCA: The variations in the cost of fuel (own +power purchases) that were not allowed to KESCL to be passed on in the monthly FCA to the extent of targeted T&D losses is required to be taken care of on quarterly basis.





21. Adjustment of Un-recovered Costs of the Previous Quarter: The adjustment owing to the difference, if any, between the estimated and actual number of units sold is adjusted in the next quarterly adjustment under the head of unrecovered cost. KESCL under this head has claimed variation of around minus Rs. 111 million.
22. Adjustment of Fixed Cost of KANUPP: As per the power purchase agreement signed between KESCL and KANUPP, the fixed cost component of the energy purchased from KANUPP is equal to the **“yearly actual average fixed cost of the operating plants of KESCL (all old and new power plants) which is determined by the external auditor”**. KESCL, along with the current quarterly tariff adjustment request, submitted the statement of its fixed generation cost for the FY 2012 audited by RAHIM JAN & Co., Chartered Accountants. As per the audited statement submitted by KESCL, the average fixed cost per unit sent out of all the operating plants of KESCL applicable in FY 2013 comes out to be Rs. 0.687/kWh. The Authority noted that while allowing the quarterly tariff adjustments of the previous two quarters in the FY 2013 (Jul-Sep’12 and Oct-Dec’12) and in KESCL’s claim for the months of January and February, 2013, the average fixed cost per unit sent out, i.e. Rs. 0.560/kWh, which was applicable in the last year (FY 2012), was used hence KESCL has claimed an adjustment of difference to the tune of Rs. 44.033 million for the said period under this head.
23. Adjustment of Fixed Cost of PASMIC: As per the power purchase agreement signed between KESCL and PASMIC, the fixed cost component of the energy purchased from PASMIC is equal to the **“fixed cost of KESCL generation plus fixed cost of KESCL’s transmission plus 8% return on average net fixed assets of generation and transmission per unit sent out”**. KESCL, along with the current quarterly tariff adjustment request, has submitted the workings of the cost for FY 2012 to be charged by PASMIC from KESCL in the FY 2013. As per the provided workings, the average fixed cost per unit sent out of KESCL for the FY 2012 comes out to be Rs. 1.946. The Authority noted that while allowing the quarterly tariff adjustments during the FY 2013 (Jul-Sep’12 and Oct-Dec’12) and in KESCL’s claim for the months of January and February, 2013, the average fixed cost per unit sent out, i.e. Rs. 1.529/kWh, which was applicable in the last year (FY 2012), was used hence KESCL has claimed an adjustment of difference to the tune of Rs. 1.756 million for the said period under this head.
24. Adjustment of WPPF Payment to IPPs: KESCL has submitted that as per clause 14.2 of Power Purchase Agreement (PPA) signed between KESCL and Tapal & Gul Ahmed, WPPF and WWF are pass through items and have to be paid by KESCL under the head of Supplementary Charges. KESCL under this head has therefore claimed Rs. 106.360 million.
25. Adjustment of Revised Invoices of NTDC 2011-12: KESCL has claimed an adjustment of minus Rs. 391.876 million owing to revision in invoices by NTDC with respect to energy sold for the period July, 2011 to June, 2012. KESCL, along with its request, has submitted a statement as provided by NTDC for the energy delivered during the year 2011-12 showing the Use of System Charges and Capacity Charges as previously invoiced and revised by NTDC in accordance with the monthly NEPRA determinations.

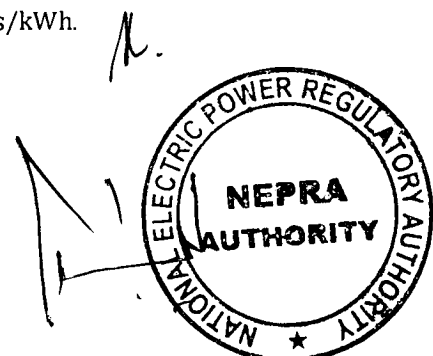




26. In view of the above, a comparative analysis of the adjustment in KESCL tariff for the un-recovered costs of the current quarter to be recovered as per request submitted by KESCL and calculation made after thorough analysis is tabulated below:

Description	Requested by KESCL	Approved
Variation in O&M Cost of IPPs and Other External Sources (Mill Rs.)	15.215	15.215
Variation in Capacity Charges of IPPs and Other External Sources (Mill Rs.)	29.804	29.804
Un-recovered Cost of fuel in FCAs due to non-adjustment of T&D losses (Mill Rs.)	708.608	689.277
Adjustment of Un-Recovered cost of Previous Quarter (Mill Rs.)	(110.664)	-
Adjustment of Fixed Cost of KANUPP	44.033	44.033
Adjustment of Fixed Cost of PASMIC	1.756	1.756
Adjustment of WPPF Payment to IPPs	106.360	-
Adjustment Revised Invoices of NTDC 2011-12	(391.876)	(391.876)
Total Un-recovered Cost (Mill Rs.)	403.238	388.209
Est. units to be sold @19% T&D losses in next quarter (April-June'13) GWh	3,132.130	3,453.284
Required Adjustment in KESCL's tariff (Ps/kWh)	12.874	11.242

27. The difference in the requested and worked out variation in un-recovered fuel cost due to non-adjustment of T&D losses is due to the reason that KESCL while claiming variation on this account used energy transfer rate as invoiced by NTDC whereas the aforementioned approved variations have been worked out on the basis of Authority's approved energy transfer rate of NTDC.
28. There is no need of any adjustment under the head of Adjustment of Un-Recovered costs of Previous Quarter as the previous quarter adjustment was allowed on the basis of the actual units sold on specified parameters. Since the decision of the previous quarter had not been issued till the time KESCL filed its request therefore KESCL claimed the captioned amount.
29. KESCL had also claimed the WPPF Payment to IPPs in some of its previous quarterly tariff adjustments requests; however, the Authority did not allow the same on the basis that such costs, as per the respective PPAs, are required to be passed on through supplemental charges for which there is no provision under the current adjustment mechanism. The Authority has considered the current claim of KESCL and observed that it has failed to provide any additional ground for claiming this cost. The same is therefore disallowed.
30. Further, KESCL in its request has estimated that 3,132.130 GWh units will be sold @ 19% T&D losses in the next quarter (April-June, 2013), however, as KESCL's quarterly request for the quarter of April-June, 2013 has been received, therefore, actual units sold out figure @ 19% T&D losses for the quarter April-June, 2013, i.e. 3,453.284 GWh has been used to calculate the unrecovered cost in Ps/kWh.





31. The variation in tariff allowed by the Authority under this head will be applicable for the next quarter only i.e. April-June, 2013 and will cease automatically at the end of that quarter.

c) **Reversal of tariff adjustment which was applicable for the current quarter only**

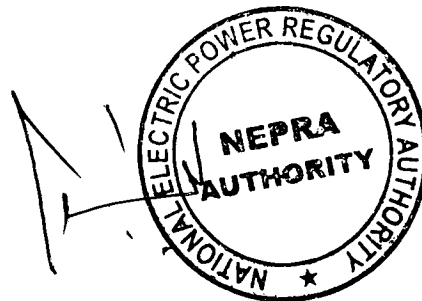
32. The Authority in its previous quarterly adjustment pertaining to October-December, 2012 allowed Ps. 24.273/kWh increase in KESCL's tariff for adjustment of unrecovered amount of Rs 619.841 million by KESCL. As per the direction in the same decision, this increase of Ps. 24.273/kWh is required to be adjusted back in the KESCL's current quarterly adjustment in order to nullify its impact in the schedule of tariff. KESCL in its request claimed that Ps. 43.548/kWh be deducted on this account as the decision for the quarter October-December, 2012 has not been issued by the Authority till the date of filing of request by KESCL.

Overall Adjustment in Tariff

33. The overall cumulative variation in the KESCL's tariff after making the quarterly adjustments as discussed in the preceding paragraphs works out to be Ps. 193.369/kWh against the claimed figure of Ps. 185.163/kWh as detailed below:

	<u>Paisas per kWh</u>
• Changing the reference tariff from Dec, 2012 to Mar, 2013	206.400
• Unrecovered costs for the current quarter	11.242
• Reversal of tariff adjustment which was applicable for the current quarter only	(24.273)
	<hr/> 193.369 <hr/>

34. In order to allow adjustment in KESCL's tariff for the aforesaid cost variation for the current quarter, KESCL is allowed a uniform increase in consumer-end tariff for all consumer categories by paisa 194 per kWh except for the life-line consumers. The revised schedule of tariff to be applicable from April 01, 2013 to June 30, 2013 is attached herewith as **Annexure-I**



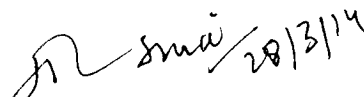
CLAW BACK OF PROFIT

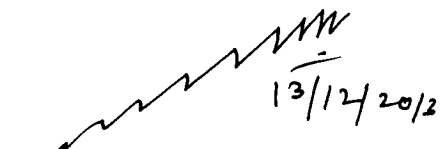
35. The determination of the Authority in case No. NEPRA/TRF-133/KESC-2009(6) required that:

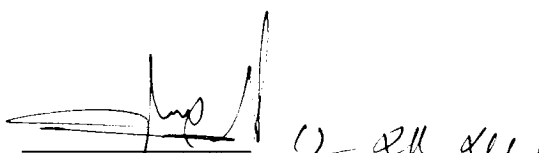
“ KESCL shall, on yearly basis and within the first week of January, submit the proposed adjustment of tariff arising out of the transfer of a portion of the profits of the preceding financial year to consumers according to the claw back formula as provided herein below along with the basis of the calculations supported with the relevant audited statements.”

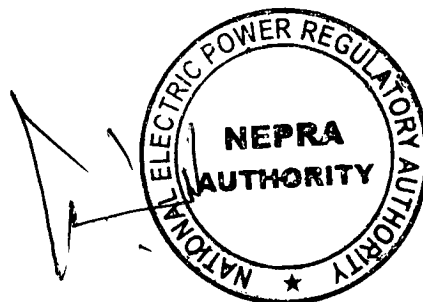
36. KESCL in this regard has submitted that according to its computation, the mechanism for claw back of profits is not applicable for the financial year 2011-12. The Authority, after detailed consideration, has provisionally worked out that certain amount of the profit needs to be the clawed back for the financial year 2011-12 and has sent the same to KESCL for its comments. The Authority has decided that applicability of claw back mechanism for the financial year 2011-12 will be determined by the Authority and the decision in this regard will be issued by the Authority after considering the submissions of KESCL.

Authority


Major (Retd.) Haroon Rashid
Member


Habibullah Khilji
Member


Khawaja Muhammad Naeem
Vice Chairman



**REVISED SCHEDULE OF ELECTRICITY TARIFF
FOR KARACHI ELECTRIC SUPPLY COMPANY LIMITED (KESCL)
DETERMINED FOR THE QUARTER JANUARY 13-MARCH 13**

A-1 GENERAL SUPPLY TARIFF - RESIDENTIAL

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
a)	For Sanctioned load less than 5 kW			
i	Up to 50 Units	-	2.00	
	For Consumption exceeding 50 Units			
ii	1- 100 Units	-	16.17	
iii	101- 300 Units	-	18.01	
iv	301- 700 Units	-	20.01	
v	Above 700 Units	-	22.01	
b)	For Sanctioned load 5 kW & above			
	Time Of Use	-	23.01	17.01

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 CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
a)	For Sanctioned load less than 5 kW		22.51	
b)	For Sanctioned load 5 kW & above	400.00	19.71	
	Time Of Use	400.00	24.01	18.51

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

B INDUSTRIAL SUPPLY TARIFFS

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	
B1	Less than 5 kW (at 400/230 Volts)	-	19.01	
B2(a)	5-500 kW (at 400 Volts)	400.00	17.61	
B3(a)	For all loads upto 5000 KW (at 11,33 kV)	380.00	17.21	
B4(a)	For all loads upto 5000 KW (at 66,132 kV)	360.00	16.81	
	Time Of Use		Peak	Off-Peak
B2(b)	5-500 kW (at 400 Volts)	400.00	23.01	16.76
B3(b)	For All Loads up to 5000 kW (at 11,33 kV)	380.00	22.51	16.26
B4(b)	For All Loads (at 66,132 kV & above)	360.00	22.01	16.01
B5	For All Loads (at 220 kV & above)	340.00	21.51	15.76

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.

For B5 consumers there shall be a fixed minimum charge of Rs. 1000,000 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 Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
C - 1	For supply at 400/230 Volts			
a)	Sanctioned load less than 5 kW	-		19.01
b)	Sanctioned load 5 kW & up to 500 kW	400.00		18.16
C - 2(a)	For supply at 11,33 kV up to and including 5000 kW	380.00		18.16
C - 3(a)	For supply at 132 and above, up to and including 5000 kW Time Of Use	360.00		18.01
C - 1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	23.01	17.01
C - 2(b)	For supply at 11,33 kV up to and including 5000 kW	380.00	22.51	16.21
C - 3(b)	For supply at 132 kV up to and including 5000 kW	360.00	22.01	16.01

D - AGRICULTURE TARIFF

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
D-1	For all Loads Time of Use	200.00		18.61
D-2	For all Loads	200.00	24.61	16.61

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 Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
E-1(i)	Residential Supply	-		22.41
E-1(ii)	Commercial Supply	-		25.31
E-2 (i)	Industrial Supply	-		22.01
E-2 (ii)	Bulk Supply			
	(a) at 400 Volts	-		22.41
	(b) at 11 kV			22.01

For the categories of E-1(i&ii) and E-2 (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 Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
	Street Lighting	-		22.01

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

H - RESIDENTIAL COLONIES ATTACHED TO INDUSTRIAL PREMISES

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
	Residential Colonies attached to industrial premises	-		20.01

