



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-2009/3154-3157
March 31, 2014

Subject:- Decision of the Authority in the matter of Karachi Electric Supply Company Limited Quarterly Adjustment in Tariff for the Quarter October 2012 to December 2012 [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 (10 pages) regarding quarterly adjustment for the quarter October 2012 to December 2012 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 OCTOBER, 2012 TO DECEMBER, 2012**

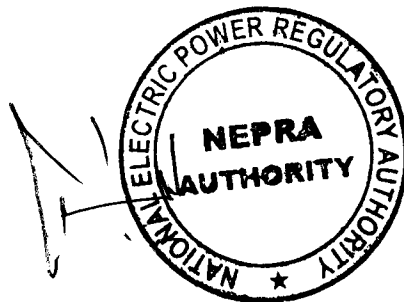
BACKGROUND

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 December, 2012.

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 October-December, 2012 (hereinafter referred to as the "current quarter") vide its letter No. DRA&SP/NEPRA/071/1033 dated January 23, 2013. The summary of adjustment as requested by KESCL is tabulated below;

M.

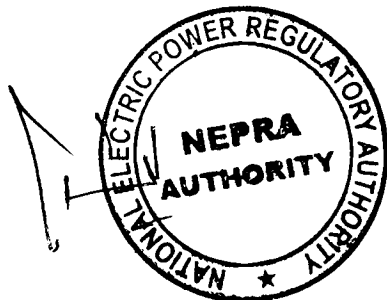




Sr. no.	DESCRIPTION	Requested Adjustment
1	Fuel Price Variation of December, 2012 over September, 2012 (Ps/kWh)	(35.097)
	Power Purchase Price Variation of December, 2012 over September, 2012 (Ps/kWh)	56.917
	Adjustment in Level of Tariff (Ps/kWh)	21.820
	Un recovered Cost	Million Rs.
	Variation in O&M cost of IPPs and Other External Sources	435.120
	Variation in Capacity charges of IPPs and Other External Sources	112.612
	Un-recovered cost of fuel in FCAs due to non-adjustment of T&D losses	125.417
	Adjustment of Capacity Charges of Gul Ahmed (Jul'11 to Sep'12)	329.094
	Total Un-recovered Cost	1,002.243
	Estimated Units to be Sold January-March, 2013 (GWh)	2,299.533
2	Required Adjustments (Ps/kWh)	43.585
3	Adjustment of cost of the previous quarter, i.e. July-September, 12 (Ps/kWh)	11.210
1+2+3	Total Requested Adjustment in KESCL's Tariff (Ps/kWh) (1+2+3)	76.615

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 adjustment was scheduled by the Authority on February 18, 2013 (Tuesday) at National Institute of Management (NIM), Main University Road, Gulshan-e-Iqbal, Karachi, however, the same could not be held owing to law and order situation in Karachi. Subsequently, the said hearing was held on April 08, 2013 at Marriott Hotel, Karachi; notice thereof was published in the leading national newspapers on March 23, 2013 inviting thereby comments/objections from the concerned stakeholders to make the process of hearing meaningful and to reach at an informed and just decision.
5. One of the commentators named Mr. Khawaja Muhammad Shabbir representing Karachi Chambers of Commerce & Industry questioned the Authority that how the consumers should accept as true the formula and numbers submitted by KESCL to claim the tariff adjustments request. With respect to the concern of the commentator regarding formula, it is informed that the Authority vide its determination dated December 23, 2009 approved the formula/mechanism for allowing monthly and quarterly tariff adjustments to KESCL and the same is done in strict accordance with that method. With respect to the point of authenticity of the numbers, it is informed that before approving any tariff adjustment, the professionals of the Authority visit KESCL's head office to check the pertinent documents, to the extent of invoices and corresponding bill stickers (approval of invoices), in order to verify the numbers as submitted by KESCL in its request to claim





the adjustment. In addition to that, KESCL representatives during the hearing also asked the mentioned commentator to visit its office to verify the numbers.

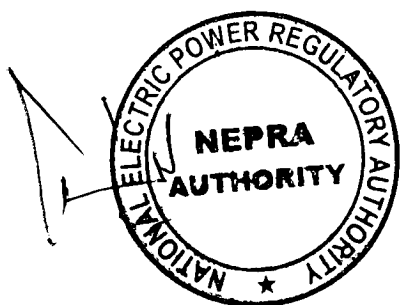
6. The same commentator further inquired that why KESCL is claiming fuel cost variations under the head of the Unrecovered Cost of the current quarter as the same has been claimed by it in the monthly FCAs. KESCL representatives clarified that as per the Authority's approved mechanism, monthly fuel cost variations are worked out, approved and passed on to the consumers without taking into account therein the impact of targeted T&D losses. Subsequently, the left over fuel charges variations only to the extent of T&D losses not adjusted in the monthly FCAs are taken into account in the quarterly tariff adjustment request.
7. One of the commentator inquired that why the tariff of the KESCL is on the higher side since the company is purchasing cheap electricity from KANUPP and NTDC. In response, KESCL representative submitted that the tariff is an average figure of the cost of electricity generation from all sources which in addition to the mentioned sources also includes expensive furnace oil based generation from KESCL's own as well as external power sources. Moreover, KESCL informed the commentator that he was only referring to the fuel component of the mentioned sources whereas the tariff as granted by the Authority to the utility is constituted of fuel cost, operation & maintenance cost, capacity charges, depreciation etc.

ANALYSIS AND DECISION

8. 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 September, 2012 to December, 2012
 - b) Unrecovered costs for the current quarter
 - c) Reversal of tariff adjustment pertaining to the previous quarter i.e. July-September, 2012 which was applicable for the current quarter only

a) Changing the reference tariff from September, 2012 to December, 2012

9. KESCL's last adjusted tariff is based on the fuel prices, O&M costs and capacity charges of September, 2012. For allowing KESCL recovery of its revenue in future on the latest price level, it is required that KESCL's tariff be adjusted to the price level of December, 2012. Changing the tariff level requires allowing variations in the fuel cost of KESCL's own generation and allowing variations in the KESCL's power purchase cost which includes fuel cost, O&M cost and capacity charges of December, 2012 over the reference month of September, 2012. KESCL has requested for allowing following adjustments in its tariff on this account:

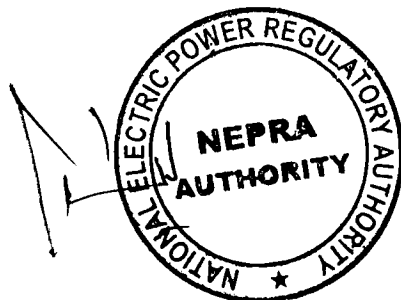




Description	Requested
Fuel cost variation of Dec'12 over Sep'12 (Mill Rs.)	(291.075)
Power purchase cost variation of Dec'12 over Sep'12 (Mill. Rs.)	472.040
Total Variation (Mill Rs.)	180.965
Units sold at 19% T&D losses for December, 2012 (GWh)	829.347
Required adjustment in tariff (Ps/kWh)	21.820

10. According to KESCL, the main reason of minus variation on its own generation as claimed by it, is the decrease in Furnace Oil (hereinafter referred to as "F.O) prices. The weighted average rate of F.O for the month of December, 2012, as submitted by KESCL, comes out to be Rs. 62,991/MTon as compared to Rs. 68,694/MTon in the reference month of September, 2012. Moreover, KESCL on its power station namely Bin Qasim-I generated around 35 GWh on F.O in the month of December, 2012 as compared to around 158 GWh during the reference month of September, 2012. Since, as per the mechanism approved vide Authority's determination dated December 23, 2009, the fuel charges variation on each power station in KESCL's own generation fleet is worked out and allowed by taking into account the change both in price and generation mix, therefore, the aforementioned decrease in prices coupled with a lesser quantity of generation on F.O in the month of December, 2012 compared to the reference month are the factors towards the claimed variation. Further, prices of gas also decreased from Rs. 560/MMBTUs in the month of September, 2012 to Rs. 487/MMBTUs in the month of December, 2012.
11. With respect to power purchase cost, it was submitted by KESCL that the overall power purchase cost from external sources of KESCL, i.e. fuel cost, O&M cost and Capacity charges, has increased from Rs. 10.232/ kWh in the month of September, 2012 to Rs. 11.050/ kWh for the month of December, 2012 i.e. an increase of Rs. 0.818/KWh. The main 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 total cost of energy purchased from NTDC for the month of December, 2012, as per the submission of KESCL, comes out to be Rs. 10.673/kWh against Rs. 8.205/kWh in the reference month of September, 2012.
12. A comparative analysis of the adjustment in KESCL tariff required for bringing it to the tariff level of December, 2012 as requested and as approved by the Authority after thorough analysis is tabulated below;

Description	Requested	Approved
Fuel cost variation of Dec'12 over Sep'12 (Mill Rs.)	(291.075)	(288.733)
Power purchase cost variation of Dec' 12 over Sep'12 (Mill. Rs.)	472.040	457.128
Total Variation (Mill Rs.)	180.965	168.395
Units sold at 19% T&D losses for Dec'12 (GWh)	829.347	829.346
Required adjustment in tariff (Ps/kWh)	21.820	20.305





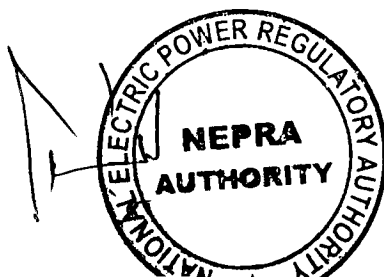
13. The above mentioned difference in the worked out and requested figures of fuel charges variation in KESCL's own generation is due to inconsistency in the working of furnace oil monthly consumption rate (Rs/MTon) at KESCL's end. KESCL in its request worked out the mentioned rate while taking the prices of furnace oil consumed during the month on moving average method whereas the Authority has consistently been using monthly weighted average method to calculate the same. The Authority vide its recently issued monthly fuel charges adjustment decisions has already directed KESCL to work out the monthly consumption rate of furnace oil on monthly weighted average basis to avoid any inconsistency in the future failing which the decision will be taken in the consumer's interest.
14. The difference between requested and worked out power purchase cost variations of around Rs. 15 million is due to two reasons. Firstly, KESCL in its request used invoiced fuel cost component of NTDC, i.e Rs. 8.956/kWh for the month of December, 2012 whereas the Authority's approved fuel cost component of NTDC, i.e. Rs. 8.923/kWh has been used in the aforementioned calculations. Secondly, the incorrect recording, on part of KESCL, of the fuel and O&M cost of the energy purchased from International Industries Limited also added to the said difference.

b) Under Recovered costs for the current quarter

15. 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.)	435.120
Variation in Capacity charges of IPPs and Other External Sources (Mill Rs.)	112.612
Un-recovered cost of fuel in FCAs due to non-adjustment of T&D losses (Mill Rs.)	125.417
Adjustment of Capacity Charges of Gul Ahmed (Jul'11 to Sep'12) (Mill Rs.)	329.094
Total Un-recovered Cost (Mill Rs.)	1,002.243
Estimated Units to be Sold January-March, 2013 (GWh)	2,299.533
Required Adjustments (Ps/kWh)	43.585

16. 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. In the O&M cost, it is found that the main reason of variations claimed is the increase in the fixed charges against the energy procured from NTDC throughout the quarter as compared to the reference month.
17. Variations in Capacity Charges: Similar to the mechanism of O&M cost, the variations in Capacity Charges are worked out by comparing the monthly weighted average costs 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 major reason of the variations as claimed by KESCL is the decrease in the energy purchased from Gul

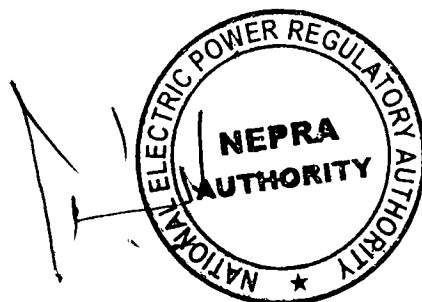


M-5



Ahmed by KESCL during each month in the quarter as compared to the reference month. The Authority however hereby directs KESCL to prudently utilize the available capacity of IPPs failing which capacity charges variations shall not be passed on/adjusted in the tariff and the same shall be considered as the unwarranted cost of KESCL.

18. 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 FCAs to the extent of targeted T&D losses is required to be taken care of on quarterly basis.
19. Adjustment of Capacity Charges of Gul Ahmed (Jul'11 to Sep'12): The Authority while verifying the invoices and other supporting documents for the quarter Jul-Sep'11 found that KESCL made a deduction of around Rs. 20.764 million in each month of the quarter on account of capacity charges claimed by Gul Ahmed. KESCL on inquiry informed that the said deduction is disputed and upon resolution, this amount may or may not be paid by KESCL to Gul Ahmed. Considering the fact that the aforementioned issue of payment on account of Capacity Charges was unresolved, the Authority decided not to include the said amount for adjustment of tariff in the mentioned quarterly adjustment, however, it was also decided by the Authority that the same amount would be adjusted in the tariff of subsequent quarters if necessary documentary evidence in relation thereto will be submitted by KESCL to the Authority. KESCL continued the practice of deducting the disputed portion of capacity charges payments of Gul Ahmed till November, 2012 and the amount disputed by KESCL was not allowed by the Authority. In the current quarter, KESCL claimed an adjustment of Rs. 329 million on this account and afterwards has submitted a Settlement Agreement signed between Gul Ahmed and KESCL dated September 06, 2013 wherein KESCL has agreed to pay the aforementioned disputed amount, along with the amounts disputed from June, 2008 to June, 2011, in installments. The Authority noted that as per the Settlement Agreement, KESCL will be paying installments of the disputed amounts in future. The Authority has; therefore, decided not to allow the claimed adjustment in the current quarter. The amount discussed above would be adjusted in future quarterly tariff adjustment upon thorough scrutiny and verification on the basis of the documentary evidences of payment to be provided by KESCL.
20. 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:



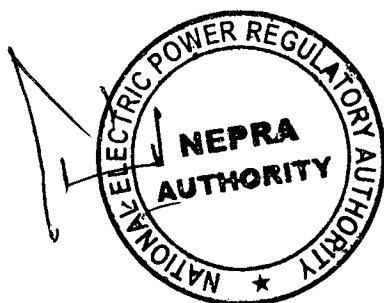


Description	Rs. In Million	
	Requested by KESCL	Approved
Variation in O&M cost of IPPs and Other External Sources	435.120	434.258
Variation in Capacity charges of IPPs and Other External Sources	112.612	64.521
Un-recovered cost of fuel in FCAs due to non-adjustment of T&D losses	125.417	121.062
Adjustment of Capacity Charges of Gul Ahmed (Jul'11 to Sep'12)	329.094	-
Total	1,002.243	619.841
Est. units to be sold @19% T&D losses in next quarter (Jan-Mar'13) GWh	2,299.533	2,553.647
Required Adjustment in KESCL's tariff (Ps/kWh)	43.585	24.273

21. The reason of difference in the requested and worked out variation in O&M cost of IPPs and other external sources is the unexplained error on part of KESCL while requesting the O&M cost component against the energy purchased from International Industries Limited in each month of the current quarter.
22. The reason of difference in the requested and worked out variation in capacity charges of IPPs and other external sources is due to the reason that KESCL has also claimed disputed amount of Gul Ahmed for the months of October and November, 2012, however, the Authority in para 19 above has decided to adjust the same in future.
23. 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 for the month of December, 2012
24. In addition, KESCL in its request estimated that 2,299.533 GWh units will be sold @ 19% T&D losses in the next quarter (January-March, 2013), however as KESCL's quarterly request for the quarter of January-March, 2013 has been received, therefore, actual units sold out figure @ 19% T&D losses for the quarter Jan-Mar, 2013, i.e. 2,553.647 GWh has been used to calculate the unrecovered cost in Ps./kWh.
25. The variation of Ps. 24.273/kWh in tariff allowed by the Authority under this head will be applicable for the next quarter only i.e. January-March, 2013 and will cease automatically at the end of that quarter.

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

26. The Authority in its previous quarterly adjustment pertaining to July-September, 2012 allowed Ps. 11.133/kWh decrease in KESCL's tariff for adjustment of over-recovered amount of Rs 332.934 million by KESCL. As per the direction in the same decision, this decrease of Ps. 11.133/kWh is required to be added back in the KESCL's current quarterly adjustment in order to nullify its impact in the schedule of tariff. KESCL



7



in its request claimed Ps. 11.210/kWh be added back on this account as the decision for the quarter July-September, 2012 had not been issued by the Authority till the date of filing of current quarter's adjustment request by KESCL.

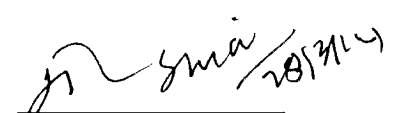
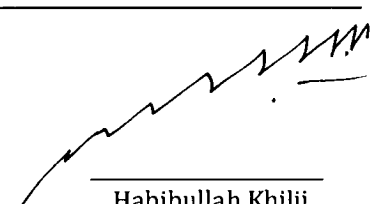
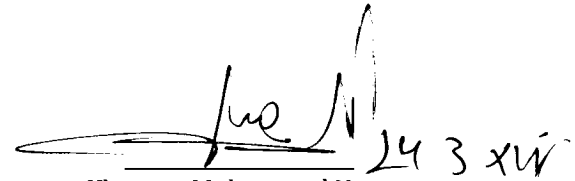
Overall Adjustment in Tariff

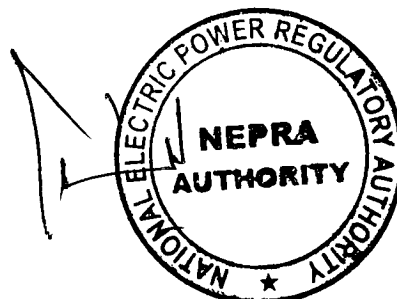
27. Therefore, the overall cumulative variation in the KESCL's tariff after making the quarterly adjustments as discussed in the preceding paragraphs works out to be Ps. 55.711/kWh against the claimed figure of Ps. 76. 615/kWh as detailed below:

	<u>Paisas per</u> <u>kWh</u>
• Changing the reference tariff from Sep, 2012 to Dec, 2012	20.305
• Unrecovered costs for the current quarter	24.273
• Reversal of tariff adjustment which was applicable for the current quarter only	11.133
Total	55.711

28. 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 56 per kWh except for the life-line consumers. The revised schedule of tariff to be applicable from January 01, 2013 to March 31, 2013 is attached herewith as **Annexure-I**

Authority

 <hr style="width: 80%; margin: 0 auto;"/> <p>Major (Retd.) Haroon Rashid Member</p>	 <hr style="width: 80%; margin: 0 auto;"/> <p>Habibullah Khilji Member</p>
 <hr style="width: 80%; margin: 0 auto;"/> <p>Khawaja Muhammad Naeem Vice Chairman</p>	



**REVISED SCHEDULE OF ELECTRICITY TARIFF
FOR KARACHI ELECTRIC SUPPLY COMPANY LIMITED (KESCL)
DETERMINED FOR THE QUARTER OCTOBER'12-DECEMBER'12**

A-1 GENERAL SUPPLY TARIFF - RESIDENTIAL

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
a)	For Sanctioned load less than 5 kW			
i	Up to 50 Units	-		2.00
	For Consumption exceeding 50 Units			
ii	1- 100 Units	-		14.23
iii	101- 300 Units	-		16.07
iv	301- 700 Units	-		18.07
v	Above 700 Units			20.07
b)	For Sanctioned load 5 kW & above			
	Time Of Use	-	21.07	15.07

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 Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
a)	For Sanctioned load less than 5 kW			20.57
b)	For Sanctioned load 5 kW & above	400.00		17.77
	Time Of Use	400.00	22.07	16.57

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 Rs/kW/M	VARIABLE CHARGES Rs/kWh	
			Peak	Off-Peak
B1	Less than 5 kW (at 400/230 Volts)	-		17.07
B2(a)	5-500 kW (at 400 Volts)	400.00		15.67
B3(a)	For all loads upto 5000 KW (at 11,33 kV)	380.00		15.27
B4(a)	For all loads upto 5000 KW (at 66,132 kV)	360.00		14.87
	Time Of Use			
B2(b)	5-500 kW (at 400 Volts)	400.00	21.07	14.82
B3(b)	For All Loads up to 5000 kW (at 11,33 kV)	380.00	20.57	14.32
B4(b)	For All Loads (at 66,132 kV & above)	360.00	20.07	14.07
B5	For All Loads (at 220 kV & above)	340.00	19.57	13.82

- 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. 1,000,000 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	-		17.07
b)	Sanctioned load 5 kW & up to 500 kW	400.00		16.22
C-2(a)	For supply at 11,33 kV up to and including 5000 kW	380.00		16.22
C-3(a)	For supply at 132 and above, up to and including 5000 kW	360.00		16.07
	Time Of Use			
C-1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	21.07	15.07
C-2(b)	For supply at 11,33 kV up to and including 5000 kW	380.00	20.57	14.27
C-3(b)	For supply at 132 kV up to and including 5000 kW	360.00	20.07	14.07

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	200.00		16.67
	Time of Use			
D-2	For all Loads	200.00	22.67	14.67

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	-		20.47
E-1(ii)	Commercial Supply	-		23.37
E-2 (i)	Industrial Supply	-		20.07
E-2 (ii)	Bulk Supply			
	(a) at 400 Volts	-		20.47
	(b) at 11 kV			20.07

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	-		20.07

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	-		18.07

