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National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/TRF-133/KESC-2009/3142-3145
March 31, 2014

Subject:- Decision of the Authority in the matter of Karachi Electric Supply Company Limited Quarterly Adjustment in Tariff for the Quarter April 2012 to June 2012 and Yearly Indexation in O&M Cost Components for the Year ended June 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) 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.



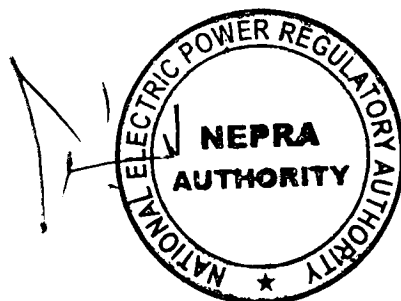
**DECISION OF THE AUTHORITY IN THE MATTER OF KARACHI ELECTRIC SUPPLY COMPANY LIMITED
QUARTERLY ADJUSTMENT IN TARIFF FOR THE QUARTER APRIL, 2012 TO JUNE, 2012 AND YEARLY
INDEXATION IN O&M COST COMPONENTS FOR THE YEAR ENDED JUNE, 2012**

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 June, 2012.
3. Further, the O&M cost component for each function being performed by KESCL, i.e. generation, transmission and distribution are adjusted/indexed owing to inflation with Consumer Price Index (CPI) as notified by the Federal Bureau of Statistics Government of Pakistan minus specified efficiency (X) factor on yearly basis.

CURRENT REQUEST

4. KESCL in accordance with the prescribed mechanism for adjustment of fuel cost and power purchase cost variation submitted quarterly adjustment request for the quarter April-June, 2012 (hereinafter referred to as the "current quarter") vide its letter No. CMF/NEPRA/071/942 dated July 31, 2012. Through the mentioned request, KESCL also applied for yearly indexation in O&M cost component of its generation, distribution and transmission functions. The summary of the requested adjustment as submitted by KESCL is tabulated below:

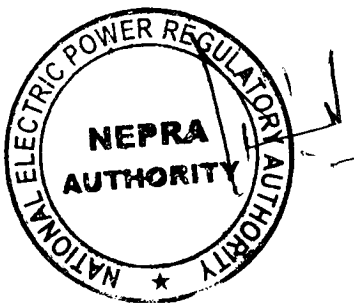




Sr. no.	DESCRIPTION	Requested Adjustment
1	Fuel Price Variation of June, 2012 over March, 2012 (Ps/kWh)	106.104
	Power Purchase Price Variation of June, 2012 over March, 2012 (Ps/kWh)	(92.448)
	Total Variation in Tariff (Ps/kWh)	13.656
	Un Recovered Cost For the period April-June, 2012	Mln Rs.
	Variation in O&M cost of IPPs and Other External Sources	(314.891)
	Variation in Capacity charges of IPPs and Other External Sources	24.369
	Un-recovered cost of fuel due to non-adjustment of T&D losses	527.308
	Adjustment of Fixed Cost of KANUPP and PASMIC	24.873
	Total Un-recovered Cost	261.659
	Estimated Units to be Sold July-September, 2012 (GWh)	2,907.330
2	Required Adjustments (Ps/kWh)	9.000
3	Yearly O&M Cost Indexation (Ps/kWh)	11.66
4	Adjustment of cost of the previous quarter (Jan-Mar, 12) recovered in the current quarter (April-June, 12) (Ps/kWh)	(25.876)
	Total Required Adjustment in KESCL's Tariff (Ps/kWh) (1+2+3+4)	8.443

PUBLIC HEARING

5. 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 August 31, 2012 at 13-Navy Fleet Club/Navy Welfare Centre near Lucky Star Chowk, Iqbal Shaheed Road, Karachi. KESCL's request was advertised in leading national newspapers on August 11, 2012, inviting thereby written/oral comments/objections from the affected/interested persons/parties. Notices were also sent to the main stakeholders/experts to make the process of hearing more meaningful and to assist the Authority in arriving at a just and informed decision.
6. During the hearing, KESCL submitted that the major reasons for the increase in tariff being claimed are as follows;
- The generation on furnace oil (net of auxiliary) has increased by 102% from around 105 GWh in the month of March, 2012 to around 213 GWh in the month of June, 2012, however, the weighted average rate of furnace oil decreased by around 7% from Rs. 71,843/MTon in the month of March, 2012 to Rs. 67,128/MTon in the month of June, 2012.
 - The power purchase cost of KESCL has decreased mainly due to decrease in the unit price of electric power purchased from NTDC. KESCL presented that it had purchased around 75% of its total power purchases from external sources in the month of June, 2012 from NTDC whose price has decreased from Rs. 11.403/kWh for the month of March, 2012 to Rs. 8.634/kWh for the month of June, 2012 i.e. a decrease of Rs. 2.769/kWh.





7. Mr. Arif Bilwani, one of the consumers of KESCL, submitted that in the Authority's determination of 2009, KESCL was allowed an additional 15 paisa per kWh in its O&M cost based on the rationale and plea of licensee that it is bearing the additional burden of unwanted 7600 employees as the same was not accounted for in the Authority's initial multi-year tariff determination dated September 10, 2002. He requested the Authority to review the allowed amount in KESCL's tariff adjustments since the licensee has terminated the services of around 4000 employees in the year 2011 under Voluntary Separation Scheme. The Authority took notice of the mentioned submission and has advised KESCL to submit its detailed response on the aforementioned issue along with necessary details such as exact number of employees retrenched and the amount of savings in Operation & Maintenance cost by doing so.

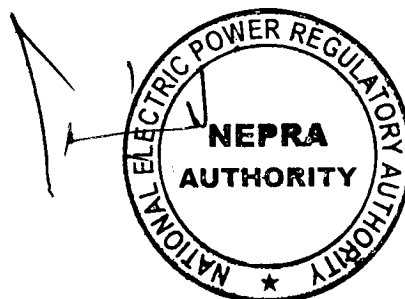
ANALYSIS AND DECISION

8. The generation data, rates, etc. of 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 under the following headings:
- Changing the reference tariff from March, 2012 to June, 2012
 - Unrecovered costs for the current quarter
 - Reversal of tariff adjustment pertaining to the previous quarter i.e. Jan-Mar, 2012 which was applicable for the current quarter only
 - Yearly Indexation of O&M cost components

a) Changing the reference tariff from March, 2012 to June, 2012

9. KESCL's existing tariff is based on the fuel and power purchase cost of March 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 June, 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 costs and capacity charges of June, 2012 over the reference month of March, 2012.
10. KESCL has requested for allowing following adjustments in its tariff on this account:

Description	Requested
Fuel cost variation of June, 2012 over March, 2012 (Mill Rs.)	1,234.533
Power purchase cost variation of June, 2012 over March, 2012 (Mill. Rs.)	(1,075.640)
Total Variation (Mill Rs.)	158.893
Units sold at 21% T & D losses for June, 2012 (GWh)	1,163.511
Required adjustment in tariff (Ps/kWh)	13.656





11. **KESCL own generation:** In KESCL's own generation, the main reason of variation is the increase in generation on furnace oil despite the fact that the prices of oil decreased in the month of June, 2012 as compared to the reference month. KESCL generated around 213 GWh on furnace oil in the month of June, 2012 as compared to around 105 GWh during the reference month, i.e. March, 2012.
12. **KESCL purchases from external sources:** It is found that the overall power purchase cost from external sources of KESCL, i.e. fuel cost, O&M cost and Capacity charges, has decreased from Rs. 12.052/ kWh for the month of March, 2012 to Rs. 10.210/ kWh for the month of June, 2012 i.e. a decrease of Rs. 1.842/kWh. It is further observed that KESCL purchased around 75% of its total power purchases for the month of June, 2012 from NTDC, whose fuel price has decreased from Rs. 9.552/kWh for the month of March, 2012 to Rs. 6.929/kWh for the month of June, 2012.
13. A comparative analysis of the adjustment in KESCL tariff required for bringing it to the tariff level of June, 2012 as requested and as approved by the Authority is tabulated below:

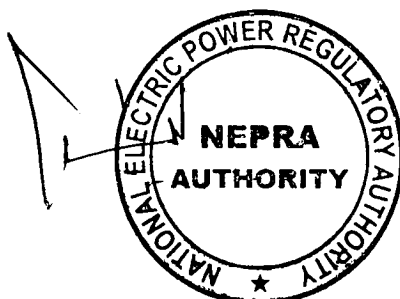
Description	Requested	Approved
Fuel cost variation of June, 2012 over March, 2012 (Mill Rs.)	1,234.533	1,234.537
Power purchase cost variation of Jun' 12 over Mar'12 (Mill. Rs.)	(1,075.640)	(1,086.651)
Total Variation (Mill Rs.)	158.893	147.886
Units sold at 21% T & D losses for June, 2012 (GWh)	1,163.511	1,163.511
Required adjustment in tariff (Ps/kWh)	13.656	12.710

14. The tabulated above difference in the worked out and requested figures of power purchase cost variations of around Rs. 11 million is mainly due to the fact that KESCL in its request used invoiced energy transfer rate of NTDC, i.e. Rs. 6.957/kWh whereas the Authority's approved rate, i.e. Rs. 6.929/kWh has been used to allow the variations. Further, there was also an unexplained error on part of KESCL in recording O&M cost component of International Industries Limited, a small power generation plant KESCL procures energy from.

b) Under/Over Recovered costs for the current quarter

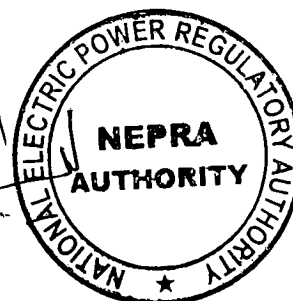
15. KESCL has requested for allowing it recovery of the following unrecovered costs:

Description	Rs. in million Requested by KESCL
Variation in O&M costs of IPPs and other external sources (Mill Rs.)	(314.891)
Variation in capacity charges of IPPs and other external sources (Mill Rs.)	24.369
Un-recovered fuel cost due to non-adjustment of T&D losses in monthly FCA	527.308
Adjustment of fixed cost of KANUPP and PASMIC	24.873
Total	261.659
Estimated units to be sold @19% T&D losses in next quarter (Jul-Sep'12) GWh	2,907.330
Required Adjustment in KESCL's tariff (Ps/kWh)	9.00





16. Variation in O&M cost and Capacity Charges of IPPs: The monthly variation on account of O & M cost and capacity charges for the power purchased from external sources, accumulated and not recovered in the current quarter is required to be adjusted in the quarterly tariff adjustment of KESCL.
17. Un-recovered fuel cost due to non-adjustment of T&D losses in monthly FCA: The un-recovered cost of fuel, due to the impact of T&D losses, not allowed to KESCL to pass on in the monthly fuel charges adjustments for each month is required to be taken care of on quarterly basis. It was noticed that KESCL has used actual energy transfer rate charged by NTDC for the month of June, 2012 for the purpose of working out the amount of power purchase cost variation. However, the energy transfer rate approved by the Authority for XWDISCOs was different from the one charged by NTDC. In accordance with the earlier decisions of the Authority on this subject, energy transfer rate of NTDC as approved by the Authority has been considered for computing variation.
18. 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) duly audited by the external auditor. KESCL submitted the statement of its cost of operating plants for the year 2010-11 audited by Rahim Jan & Co., Chartered Accountants and calculation of average fixed cost to be charged by KANUPP from KESCL against the energy transfer during the year 2011-12. While allowing quarterly tariff adjustments during the year 2011-12, the average fixed cost applicable for the year 2009-10 was used since the audited figures for the year 2010-11 were not provided by KESCL. The average fixed cost per unit sent out of all the operating plants of KESCL comes out to be Rs. 0.56/kWh as per the audited statement for the year 2010-11 submitted by KESCL against Rs. 0.52/kWh of the last year being used for allowing the variations during the year 2011-12.
19. Adjustment of Fixed Cost of PASMIC: Further, 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 has submitted the workings for the cost of FY 2010-11 applicable in the year 2011-12. While allowing quarterly tariff adjustments during the year 2011-12, the average fixed cost applicable for the year 2009-10 was used since the audited figures for the year 2010-11 were not provided by KESCL. As per the provided workings, the average fixed cost per unit sent out of all the operating plants of KESCL for the year 2010-11 comes out to be Rs. 1.529/kWh against Rs. 1.285/kWh of the last year being used for allowing the variations during the year 2011-12.
20. 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 in the light of above discussion is tabulated below:



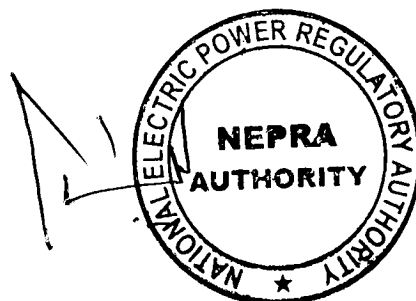


Description	Requested by KESCL	Approved
Variation in O&M costs of IPPs and other external sources (Mill Rs.)	(314.891)	(313.965)
Variation in capacity charges of IPPs and other external sources (Mill Rs.)	24.369	24.369
Un-recovered fuel cost due to non-adjustment of T&D losses in monthly FCA (Mill Rs.)	527.308	524.723
Adjustment of fixed cost of KANUPP and PASMIC (Mill Rs.)	24.873	17.604
Total	261.659	252.731
Estimated units to be sold @19% T&D losses in next quarter (Jul-Sep'12) GWh	2,907.330	3,464.625
Required Adjustment in KESCL's tariff (Ps/kWh)	9.00	7.295

21. The difference in the requested and approved variation in O&M cost of IPPs and other external sources is due to the unexplained error on part of KESCL while requesting the O&M cost component against the energy purchased from International Industries Limited in the months of April, 2012 and June, 2012. Further, KESCL in its request had used the previous O&M cost of KANUPP to work out the variations for the month of June, 2012, however, the revised audited figure, as submitted by KESCL, has been used to calculate the same.
22. The reason of the difference in the requested and approved 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 for the month of June, 2012. However, the Authority's approved energy transfer rate of NTDC for the month of June, 2012, has been used to work out the said variation.
23. The reason of difference in the claimed and approved figure of adjustment in fixed cost of PASMIC and KANUPP is due to an unexplained error on part of KESCL on this account. Further, KESCL is hereby directed to submit the next year data on timely basis, i.e. with quarterly tariff adjustment for the quarter ending December.
24. Moreover, KESCL in its request estimated that 2,907.330 GWh units will be sold @ 19% T&D losses in the next quarter (July-September, 2012), however as KESCL has submitted monthly FCA requests for the months of July, August and September, 2012, therefore, on the basis of actual data of units sent out, the figure of units sold @ 19% targeted T&D losses for the quarter July-September, 2012 has been used to calculate the unrecovered cost in Ps/kWh.
25. This increase in tariff under this head will be applicable for the next quarter only i.e. July-September, 2012 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 January-March, 2012 allowed Ps. 25.873/kWh increase in KESCL's tariff for adjustment of unrecovered amount of Rs 873.368 million by KESCL. As per the direction in the same decision, this increase of Ps. 25.873/kWh is required to be subtracted in the KESCL's current quarterly adjustment in order to nullify its impact in the schedule of tariff.





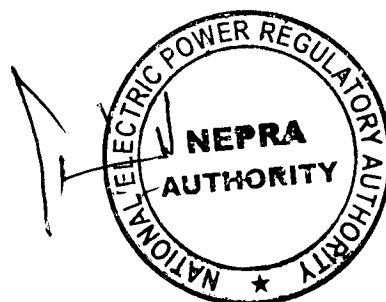
d) **Yearly Indexation of O&M cost components**

27. As per the prescribed mechanism, KESCL's O&M cost components of Generation, Transmission and Distribution need to be adjusted on yearly basis for application of inflation in the tariff. It is referred to as "CPI-X" mechanism. Accordingly, KESCL's O&M components, once indexed, are subjected to reduction by certain efficiency factor till the expiry of the Multi Year Tariff period, i.e. June, 2016. The approved efficiency (X) factor is required to be applied to the O&M cost component of generation, transmission and distribution functions of KESCL. The existing O&M cost i.e. applicable for the year 2011-2012, along with the X factor for each segment is indicated hereunder:

Portion of Tariff to which CPI is applicable	Existing Tariff (Ps/kWh)	X Factor (%)
Generation O&M	22.91	2
Transmission O&M	9.17	2
Distribution O&M	90.00	3
Total	122.08	

28. KESCL in its request submitted that its tariff needs to be adjusted by Ps. 11.66/kWh on account of yearly indexation of O&M cost component effective from July, 2012 to June, 2013. The variable O&M cost components of KESCL were last indexed on the basis of CPI for May, 2011 (253.17) as per the determination of the Authority. The CPI as of May, 2012 compared to May, 2011, as notified by Federal Bureau of Statistics, has increased by 12.29%. The O&M cost indexation/adjustment on the basis of 12.29% increase comes out to be Ps. 11.66/kWh as worked out by us and the same is being claimed by KESCL. The detailed working is tabulated below;

Break-up of O&M Cost	Existing Tariff (Ps/kWh)	Indexation (%)	Efficiency Factor (%)	Increase Required (%)	Increase Required (Ps/kWh)	Revised Tariff (Ps/kWh)
Generation	22.91	12.29%	2%	10.29%	2.36	25.27
Transmission	9.17	12.29%	2%	10.29%	0.94	10.11
Distribution	90.00	12.29%	3%	9.29%	8.36	98.36
Total	122.08				11.66	133.74






Overall Adjustment In Tariff

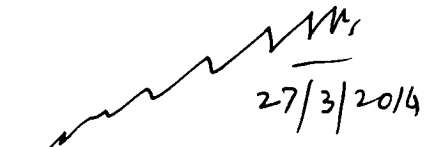
29. The overall cumulative increase in the KESCL's tariff for the current quarter as discussed in the preceding paragraphs works out to be Ps. 5.792/kWh as detailed below:

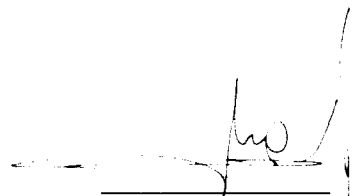
	<u>Paisas per kWh</u>
• Changing the reference tariff from March, 2012 to June, 2012	12.710
• Unrecovered cost for the current quarter	7.295
• Reversal of tariff adjustment which was applicable for the current quarter only	(25.873)
• Yearly Indexation of O&M cost components	11.660
	<hr/> <hr/> 5.792

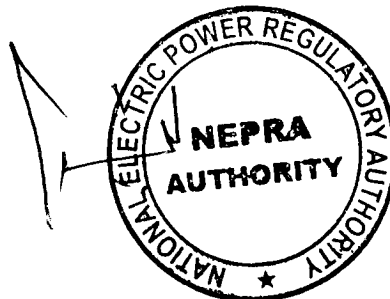
30. In order to allow adjustment in KESCL's tariff for the aforesaid cost variation for the current quarter, KESCL is allowed a uniform increase in consumer-end tariff for all consumer categories by paisa 6 per kWh except for the life-line consumers. The revised schedule of tariff to be applicable from July 01, 2012 to September 30, 2012 is attached herewith as **Annexure-I**.

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 APRIL'12-JUNE'12**

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	-	14.41	
iii	101- 300 Units	-	16.25	
iv	301- 700 Units	-	18.25	
v	Above 700 Units	-	20.25	
b)	For Sanctioned load 5 kW & above			
			Peak	Off-Peak
	Time Of Use	-	21.25	15.25

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		20.75	
b)	For Sanctioned load 5 kW & above	400.00	17.95	
			Peak	Off-Peak
c)	Time Of Use	400.00	22.25	16.75

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)	-	17.25	
B2(a)	5-500 kW (at 400 Volts)	400.00	15.85	
B3(a)	For all loads upto 5000 KW (at 11,33 kV)	380.00	15.45	
B4(a)	For all loads upto 5000 KW (at 66,132 kV)	360.00	15.05	
	Time Of Use		Peak	Off-Peak
B2(b)	5-500 kW (at 400 Volts)	400.00	21.25	15.00
B3(b)	For All Loads up to 5000 kW (at 11,33 kV)	380.00	20.75	14.50
B4(b)	For All Loads (at 66,132 kV & above)	360.00	20.25	14.25
B5	For All Loads (at 220 kV & above)	340.00	19.75	14.00

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	-		17.25
b)	Sanctioned load 5 kW & up to 500 kW	400.00		16.40
C-2(a)	For supply at 11,33 kV up to and including 5000 kW	380.00		16.40
C-3(a)	For supply at 132 and above, up to and including 5000 kW Time Of Use	360.00		16.25
C-1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	21.25	15.25
C-2(b)	For supply at 11,33 kV up to and including 5000 kW	380.00	20.75	14.45
C-3(b)	For supply at 132 kV up to and including 5000 kW	360.00	20.25	14.25

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		16.11
D-2	For all Loads	200.00	22.11	14.11

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	-		20.65
E-1(ii)	Commercial Supply	-		23.55
E-2 (i)	Industrial Supply	-		20.25
E-2 (ii)	Bulk Supply			
	(a) at 400 Volts	-		20.65
	(b) at 11 kV			20.25

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	-		20.25

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	-		18.25

