



महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission

Ref. No. MERC/FAC/2018-2019/1278

Date: 01 November, 2018

To,
The General Manager,
The Brihanmumbai Electric Supply and Transport Undertaking,
BEST Bhavan, BEST Marg,
Post Box No. 192,
Mumbai 400 001

Subject: Post facto approval of BEST Undertaking's Fuel Adjustment Charges (FAC) for the period from April, 2018 to June, 2018.

Reference: 1. BEST Undertaking's submission vide Letter No. 92 dated 4 October, 2018 for post-facto approval of FAC for the period from April, 2018 to June, 2018.
2. Replies to Data gaps submitted on 24, 29 and 30 October, 2018.


Sir,

Upon vetting the FAC calculations for the month of April, 2018 to June, 2018 as mentioned in the above reference, the Commission has accorded post facto approval BEST Undertaking for charging FAC to its consumers as shown in the Table below:

Month	April, 2018	May, 2018	June, 2018
FAC allowed (Rs. Crore)	10.39	(16.27)	27.97

The above approval of FAC is subject to the final True up of FY 2018-19 under the MERC (Multi Year Tariff) Regulations, 2015.

Yours faithfully,


(Dr. Rajendra Ambekar)
Executive Director, MERC

Encl: Annexure A: Detailed Vetting Report for the period of April, 2018 to June, 2018.

**POST FACTO APPROVAL FOR FAC FOR THE MONTH OF APRIL, 2018 TO
JUNE, 2018**

Subject: Post facto approval of BEST Undertaking's Fuel Adjustment Charges (FAC) for the period from April, 2018 to June, 2018.

Reference: 1. BEST Undertaking's submission vide Letter No. 92 dated 4 October, 2018 for post-facto approval of FAC for the period from April, 2018 to June, 2018.

2. Replies to Data gaps submitted on 24, 29 and 30 October, 2018.

1. FAC submission by BEST Undertaking:

1.1 BEST Undertaking has submitted FAC submissions for the month of April, 2018 to June, 2018 as referred above. Upon vetting the FAC calculations, taking cognizance of all the submissions furnished by BEST Undertaking, the Commission has accorded post facto approval for the FAC amount to be charged in the billing month of July, 2018 to September, 2018.

2. Background

2.1 On 28 October, 2016, the Commission has issued Tariff Order for BEST Undertaking, (Case No.33 of 2016) for Truing-up of Aggregate Revenue Requirement (ARR) for FY 2012-13 to FY 2014-15, provisional Truing-up of FY 2015-16 and ARR and Tariff for FY 2016-17 and FY 2019-20. Revised Tariff has been made applicable from 1 October, 2016.

2.2 Vide its letter dated 15 November, 2016, the Commission communicated the excel formats for filing of FAC submissions to all Distribution Licensees. The Commission also directed all Distribution Licensees to submit FAC computations, including details pertaining to variation in fuel cost of generators for the approval of the Commission.

2.3 Vide FAC vetting Report dated 4 January, 2017, the Commission accorded prior approval of the FAC for the month of October, 2016.

2.4 In terms of MERC (MYT) Regulations, 2015 a Distribution Licensee is required to obtain post facto approval of the Commission on a quarterly basis for FAC charges. Accordingly, vide its letter dated 4 October, 2018. BEST Undertaking has filed FAC submissions for the month of April, 2018 to June, 2018 for post facto approval. The Commission has scrutinized the submissions provided by BEST Undertaking and has also verified the fuel and power purchase bills provided along with its submissions.



3. Energy Sales of the Licensee

3.1 The net energy sales within licence area as submitted by BEST Undertaking in the FAC submission and as approved by the Commission are as shown in the Table below.

Consumer Category	Approved by the Commission (MU)	Monthly Approved (MU)	Actual (Apr -18) (MU)	Actual (May-18) (MU)	Actual (Jun -18) (MU)
	(I)	(II=I/12)	(III)	(IV)	(V)
LT Category					
LT - I (A) Residential-BPL	0.29	0.02	0.00	0.00	0.00
LT - I (B) Residential	2,052.53	171.04	204.19	202.97	177.17
LT - II (A) Commercial	942.40	78.53	87.39	83.17	74.19
LT - II (B) Commercial	227.93	18.99	19.40	20.79	18.81
LT - II (C) Commercial	405.47	33.79	33.92	36.57	33.50
LT - III (A) Industrial	43.48	3.62	3.85	3.44	3.28
LT - III (B) Industrial	100.71	8.39	7.70	7.93	7.65
LT - IV PWW	1.85	0.15	0.56	0.61	0.62
LT - V Adv & Hoardings	1.93	0.16	0.14	0.12	0.12
LT - VI St. Lighting	28.10	2.34	2.19	2.08	1.85
LT - VII (A) Temp-Religious	3.49	0.29	0.01	0.04	0.11
LT - VII (B) Temp-Others	44.56	3.71	1.73	1.68	1.53
LT - VIII Crematorium	1.36	0.11	0.14	0.14	0.13
LT - IX (A) Public Service	42.31	3.53	4.82	5.10	4.91
LT - IX (B) Public Service Others	185.65	15.47	15.01	15.38	14.74
HT Category					
HT - I Industry	200.72	16.73	11.48	12.17	11.53
HT - II Commercial	364.01	30.33	23.84	25.85	24.39
HT - III Grp. Housing (Residential)	32.21	2.68	2.75	2.97	2.74
HT - IV PWW	34.25	2.85	2.71	2.72	3.87
HT-V Railways, Metro & Monorail	-	-	0.18	0.21	0.18
HT-VI (A) Public Service	11.92	0.99	2.53	2.63	2.42
HT-VI (B) Public Service- Others	136.30	11.36	14.48	15.31	14.75
HT-VII Temporary Supply	7.83	0.65	1.52	1.81	1.70
Total Energy Sale	4,869.30	405.78	440.53	443.69	400.20



3.2 It was observed that the total sale for April to June, 2018 is 440.53 MUs, 443.69 MUs and 400.20 MUs respectively as compared to the MYT approved, i.e., 405.78 MUs. The major variation was observed in LT – I (B) Residential, LT – II (A) Commercial mainly in the months of April and May, 2018 as the demand has increased during this period. However, HT – I Industry and HT – II Commercial Categories the energy sales has decreased.

4. Cost of Power Purchase

4.1 BEST Undertaking does not own or operate any generating stations. Accordingly, BEST Undertaking is required to procure power from outside sources in order to fulfil the demand of its consumers. The following are the list of sources from which BEST Undertaking procures power to meet its demand.

- a) Purchases from Tata Power Company Ltd. (TPC-G)
- b) Renewable energy procurement(RPS)
- c) Bilateral contracts and decrements to the imbalance pool.

4.2 The following Table shows the variation in average power purchase cost (APPC) (Rs/kWh) for the month of April, 2018 to June, 2018 as compared to average power purchase cost approved in Tariff Order dated 28 October, 2016:

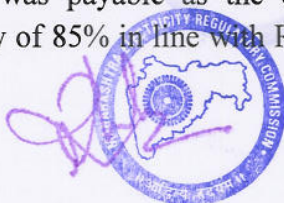
Particulars	Tariff Order Dated 28.10.2016			Actual for April, 2018		
	Net Purchase	Cost	Average Power Purchase Cost	Net Purchase	Cost	Average Power Purchase Cost
	MU	Rs. Crore	Rs/kWh	MU	Rs. Crore	Rs/kWh
TPC-G	3,792.04	1,525.96	4.02	345.30	149.13	4.32
RE Sources	316.62	327.41	10.34	8.79	13.65	15.54
Traders	1,265.63	445.45	3.52	78.80	31.72	4.03
Total Monthly Variations of prior period Accounted for April-2018 to June-2018*	-	-	-	(14.75)	(1.87)	1.27
Total	5,374.29	2,298.82	4.28	418.12	192.63	4.61



Particulars	Actual for May, 2018			Actual for June, 2018		
	Net Purchase	Cost	Average Power Purchase Cost	Net Purchase	Cost	Average Power Purchase Cost
	MU	Rs. Crore	Rs/kWh	MU	Rs. Crore	Rs/kWh
TPC-G	351.84	150.72	4.28	312.72	140.79	4.50
RE Sources	9.72	6.94	7.14	8.56	34.96	40.85
Traders	130.15	50.66	3.89	82.40	32.32	3.92
Total Monthly Variations of prior period Accounted for April-2018 to June-2018*	30.38	8.15	2.68	11.76	3.19	2.72
Total	522.10	216.48	4.15	415.43	211.26	5.09

* "Total monthly variations of prior period accounted for April, 2018 to June, 2018" are the expenses claimed against the provisional FBSM bills, reimbursement charges, revision of energy bills and supplementary bills for prior period.

- 4.3 The Commission has sought detailed bills/invoices for all of the power purchase sources in order to verify the claim of BEST with regards to average power purchase cost for the months of April to June, 2018. The Commission has verified the Net Purchase, Variable Cost, Fixed Charge and the Power Purchase Cost from the relevant bills/invoices received for all purchasing sources.
- 4.4 The Commission has observed that BEST Undertaking has purchased 345.30 MUs, 351.84 MUs and 312.72 MUs during the months of April, May and June, 2018 from TPC-G. Further, it was observed that the quantum of power purchase from TPC-G's Unit 7 and Unit 5 during the month of May and June, 2018 respectively was lower as compared to other months mainly on account of lower PLF of the aforesaid plant. This has led BEST Undertaking to purchase the required power from the Traders or through standby agreement for the month of concerned period.
- 4.5 The Commission has sought reasoning for low PLF (59.94% of Unit 7 in May and 77.56% of unit 5 in June) of these plants. In response to this BEST Undertaking stated that lower PLF of Unit 5 during the month of May, 2018 was mainly on account of lower APM gas availability from GAIL/ONGC. With regards to Unit 5, BEST Undertaking replied that the Unit was withdrawn under an emergency between 28 June, 2018 to 1 July, 2018. It was a forced outage of approximately 64.50 hours. Further, the said unit was operated at backdown mode for certain period during monsoon season in June, 2018 as per State MOD principle. Due to the above reasons the actual generation from these Units were lower in said month. Even though the PLF was lower for the above month, the entire monthly fixed cost was payable as the cumulative plant availability was above the normative availability of 85% in line with Regulation 48.3 of MYT Regulations. This has



resulted into fixed cost spread over lower net generation, increasing average power purchase price from these Units and thus impacting the APPC.

- 4.6 Further, due to the forced outage of Unit 5 as mentioned in para above, BEST Undertaking has availed standby support of about 1.37 MUs from MSEDCL during the month of June, 2018. However, the bill against the same is yet to be received from MSEDCL. The said bill for standby purchase is likely to be raised by MSEDCL after 2 years based on the present frequency of finalisation of FBSM bills by MSEDCL. Hence, the said bill will be considered in FAC calculation when the actual bill will be available in future. Further, BEST stated that during planned outage or extended forced outage of TPC-G generating units, BEST has purchased power from competitive bidding route through DEEP e-portal and/or IEX to optimise overall power purchase cost.
- 4.7 The APPC for TPC-G, which generates power on Imported Coal, Domestic Natural Gas (under APM mechanism), Oil (LSHS) and imported RLNG has been worked out at Rs. 4.32/ kWh, Rs. 4.28/ kWh and Rs. 4.50/ kWh respectively for months of April, May and June, 2018. This is higher than that of MYT approved rate, i.e., Rs. 4.02/ kWh. The variation is mainly on account of steep increase in average price of fuel during the respective months which can be primarily attributed to the steep rise in imported coal prices attributed to the demand-supply situation of the global coal market. The landed cost of coal as claimed by TPC-G for the month of April to June, 2018 is Rs. 7027/MT, 6952/MT and Rs.6939/MT respectively which is around 35% to 45% higher than that of MYT approved value of Rs. 5003/MT.
- 4.8 The sources of Renewable Energy (RPS) include - Welspun Energy Maharashtra Ltd., Spark Green Energy, Sahyadri Renewable Energy Pvt. Ltd., Krishna Valley Power Pvt. Ltd., GRETA Energy Ltd., A.A. Energy, Lokmangal Agro Ltd. and Manas Agro Ind and Infra Ltd. The Commission has verified the net units (MUs) Purchased and the corresponding charges for the Q1 months, i.e., April to June, 2018, from the bills/invoices submitted. The Commission has also verified the billing units (MUs) from the joint ABT Meter reading certified by MSETCL and the concerned Utility.
- 4.9 The APPC from RPS inclusive of REC cost for the months of April to June, 2018 is Rs. 15.54 /kWh, Rs. 7.14 /kWh and Rs. 40.85 /kWh respectively which is higher than the MYT approved value of Rs. 10.34 /kWh mainly in the month of April and June. This is mainly due to BEST Undertaking purchase has purchased REC Solar amounting to Rs. 7.29 Crore for April, 2018 and REC Solar & Non Solar of Rs. 28.93 Crore for the month of June, 2018. This has increased the power purchase cost and thus increased the APPC. The Commission has verified the respective amount from the Certificate and obligation report of power exchange submitted by BEST Undertaking.
- 4.10 Bilateral Power Purchase (Traders) sources for the months of April to June, 2018, mainly include TPTCL, JSWPTCL, PTC India Ltd., IEX and PXIL. The average price of power from Traders during the months of April to June, 2018 were Rs. 4.03/ kWh, Rs. 3.89 /kWh and Rs. 3.92 /kWh respectively which is higher than that of MYT approved price of Rs.



3.52 /kWh. The Commission has asked BEST Undertaking whether the power from Traders have been procured competitively through transparent bidding. In response to this BEST stated that, it has purchased power from Traders after inviting e-tender, in line with MoP guidelines on short term competitive bidding, on DEEP e-portal and Letter of Intent was placed with them as per price discovered in said bidding process. BEST has also submitted the snap shot of Bid Sheet from DEEP e-portal showing the quoted price and details of generating stations from where power is intended to be supplied.

- 4.11 It was observed that the BEST has made adjustment in the Total Power Purchase on account of “Total Monthly Variation of prior period” for the months of April to June, 2018. The monthly variation as mentioned above is mainly on account weekly provisional FBSM bills received from MSLDC for prior period, Debit/Credit note for refund towards reimbursement of Open Access Charges, etc. The Commission has verified the Net Pool Imbalance Charges and the corresponding units (MUs) claimed by BEST from the letter issued by Maharashtra State Power Committee and found to be in order.
- 4.12 Therefore, the key reasons for increase in APPC are impact of steep increase in fuel price, impact on fixed cost per unit due to lower net generation and PLF during May and June, 2018, purchase of REC for meeting accumulated RPO and adjustment towards monthly variation related to FBSM and other settlements. Accordingly, the Commission allows the average power purchase cost of **Rs. 4.61/kWh** for the month of April 2018, **Rs. 4.15/kWh** for the month of May, 2018 and **Rs. 5.09/kWh** for the month of June, 2018 as shown in the Table above.

5. FAC on account of fuel and power purchase cost (F)

- 5.1 The Commission has worked out the average power purchase cost for the month as shown in above Table. The same has been compared with the average power purchase cost approved by the Commission in Tariff Order dated 28 October, 2016 and arrived at differential per unit rate at which ZFAC is to be passed on to the consumers.
- 5.2 The following Table shows the ZFAC worked out by the Commission on account of difference in fuel and power purchase cost for the month of April, 2018 to June, 2018.

S. No.	Particulars	Units	April, 2018	May, 2018	June, 2018
1	Average power purchase cost approved by the Commission	Rs./kWh	4.28	4.28	4.28
2	Actual average power purchase cost	Rs./kWh	4.61	4.15	5.09
3	Change in average power purchase cost (=2 -1)	Rs./kWh	0.33	(0.13)	0.81
4	Net Power Purchase	MU	418.12	522.10	415.43
5	Change in fuel and power purchase cost (=3 x 4/10)	Rs. Crore	13.78	(6.84)	33.56



6. Adjustment for over recovery/under recovery (B)

6.1 Adjustment factor for over recovery/under recovery (B) for the period of April, 2018 to June, 2018, the adjustment factor to be added/reduced is as below;

S. No.	Particulars	Units	April, 2018	May, 2018	June, 2018
1.1	Incremental cost allowed to be recovered in Month n-4	Rs. Crore	22.28	27.68	31.12
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	25.64	37.03	36.52
1.3	(over-recovery)/under-recovery (=1.1 - 1.2)	Rs. Crore	(3.37)	(9.35)	(5.40)
2.0	Carried forward adjustment for over-recovery/under-recovery attributable to application of ceiling limit for previous month	Rs. Crore	-	-	-
3.0	Adjustment factor for over-recovery/under-recovery (1.3+2.0)	Rs. Crore	(3.37)	(9.35)	(5.40)

7. Carrying Cost for over recovery/under recovery (B)

7.1 The following Table shows the month wise interest rate and amount worked out as Carrying cost for under/over recovery for the month of April, 2018 to June, 2018.

S. No.	Particulars	Units	April, 2018	May, 2018	June, 2018
1	Adjustment factor for over-recovery/under-recovery	Rs. Crore	(3.37)	(9.35)	(5.40)
2	Applicable Interest rate	%	9.65	9.65	9.75
3	Carrying cost for over-recovery/under-recovery	Rs. Crore	(0.03)	(0.08)	(0.04)

7.2 BEST has considered the interest rate as 8.25% plus 150 bps, i.e., 9.75% during the months of April to June, 2018 which has been worked out as per prevailing SBI MCLR rate during which the billing has been done for the respective months. However, the Commission notes that the applicable interest rate should be corresponding to the month during which FAC is allowed to be recovered. Hence, the Commission has rectified the said error and considered the applicable interest rate as 9.65% for the months of April, 2018 to May, 2018 and 9.75% for the month of June, 2018 which is based on applicable SBI MCLR rate prevailing during the respective months plus 150 basis points. This has negligible recovery impact of Rs. 10,599, hence not factored in present calculations.

8. Disallowance due to excess Distribution Loss

8.1 Regulation 10.8 of MYT Regulations, 2015 provides for FAC amount to be reduced in case the actual distribution loss for the month exceeds the approved distribution loss. The relevant extract is reproduced as follows.



“10.8The total ZFAC recoverable as per the formula specified above shall be recovered from the actual sales in terms of “Rupees per kilowatt-hour”:

Provided that, in case of unmetered consumers, the ZFAC shall be recoverable based on estimated sales to such consumers, computed in accordance with such methodology as may be stipulated by the Commission:

Provided further that, where the actual distribution losses of the Distribution Licensee exceed the level approved by the Commission, the amount of ZFAC corresponding to the excess distribution losses (in kWh terms) shall be deducted from the total ZFAC recoverable”

8.2 The following Table provides the comparison of approved and actual distribution loss and disallowance due to excess distribution loss if any.

S.No.	Particulars	Units	Approved in Tariff Order	Actual up to April-18	Actual up to May-18	Actual up to June-18
1	Net Energy input at Distribution Voltages	MU	5,163.62	441.42	923.81	1,368.17
2	Energy sales (metered) at Distribution voltages	MU	4,869.30	440.53	884.22	1,284.42
3	Distribution Loss (=1-2)	MU	294.32	0.89	39.59	83.76
4	Distribution Loss as % of net energy input (=3/1)	%	5.70%	0.20%	4.29%	6.12%
5	Excess Distribution Loss =[Distribution Loss (4) - Distribution loss approved] x Net Energy Input (1)	MU	-	-	-	1.87
6	Disallowance of FAC due to excess Distribution Loss	Rs. Crore	-	-	-	0.16

8.3 As seen from the above Table, cumulative distribution loss is 0.20% for the month of April, 2018 and 4.29% for May, 2018 which are lesser than the approved Distribution Loss of 5.70%. Hence, there is no disallowance on account of excess distribution loss for the months of April, 2018 and May, 2018. Whereas cumulative distribution loss is 6.12% for the month of June, 2018 which is higher than the approved Distribution Loss of 5.70%. Hence, 1.87 MU disallowance on account of excess distribution loss for the months of June, 2018 has been worked out as shown in Table above.

9. Summary of Allowable ZFAC

9.1 The summary of the FAC amount as approved by the Commission for the month of April, 2018 to June, 2018 which is allowed to be recovered in the billing month of July, 2018 to September, 2018 is as shown in the Table below:



S. No.	Particulars	Units	April, 2018	May, 2018	June, 2018
1.0	Calculation of ZFAC				
1.1	Change in cost of generation and power purchase attributable to Sales within the License Area (F)	Rs. Crore	13.78	(6.84)	33.56
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	(0.03)	(0.08)	(0.04)
1.3	Adjustment factor for over-recovery/under-recovery (B)	Rs. Crore	(3.37)	(9.35)	(5.40)
1.4	ZFAC = F+C+B	Rs. Crore	10.39	(16.27)	28.12
2.0	Calculation of FAC Charge				
2.1	Energy Sales within the License Area	MU	440.53	443.69	400.20
2.2	Excess Distribution Loss	MU	-	-	1.87
2.3	ZFAC per kWh	Rs./kWh	0.24	(0.37)	0.70
2.4	Cap at 20% of variable component of tariff	Rs./kWh	1.17	1.17	1.17
2.5	FAC Charge allowable (Minimum of 2.3 and 2.4)	Rs./kWh	0.24	(0.37)	0.70
3.0	Recovery of FAC				
3.1	Allowable FAC [(2.1 x 2.5)/10]	Rs. Crore	10.39	(16.27)	28.12
3.2	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.5)/10]	Rs. Crore	-	-	0.16
4.0	Total FAC based on category wise and slab wise allowed to be recovered	Rs. Crore	10.39	(16.27)	27.97
5.0	Carried forward FAC for recovery during future period (1.4-3.2-4)	Rs. Crore	-	-	-

9.2 It can be seen from the above Table that standalone FAC for the months of April to June, 2018 is Rs. 10.39 Crore, Rs. (16.27) Crore and Rs. 27.97 Crore respectively. Based on total energy sales, FAC per unit has been working out as Rs. 0.24/kWh, Rs. (0.37)/kWh and Rs. 0.70/kWh for the months of April to June, 2018 respectively. Further, the Regulation 10.9 of MYT Regulations, 2015 specifies as:

Provided that the monthly ZFAC shall not exceed 20% of the variable component of Tariff or such other ceiling as may be stipulated by the Commission from time to time:

9.3 As the FAC per unit computed is already lower than the 20% cap specified in Regulation as shown in Table above, hence, there is no restriction triggered with regards to such ceiling for all the months of Q1 of FY 2018-19.



10. Recovery from Consumers:

10.1 Regulation 10.9 of MERC MYT Regulations, 2015 provides for methodology of recovery of FAC charge from each category of consumers. The relevant extract is reproduced as below.

“10.9 The ZFAC per kWh for a particular Tariff category/sub-category/consumption slab shall be computed as per the following formula:—

*ZFAC Cat (Rs/kWh) = [ZFAC / (Metered sales + Unmetered consumption estimates + Excess distribution losses)] * k * 10,*

Where:

ZFAC Cat = ZFAC component for a particular Tariff category/sub-category/consumption slab

in ‘Rupees per kWh’ terms;

k = Average Billing Rate / ACOS;

Average Billing Rate = Average Billing Rate for a particular Tariff category/sub-category/consumption slab under consideration in ‘Rupees per kWh’ as approved by the Commission in the Tariff Order:

Provided that the Average Billing Rate for the unmetered consumers shall be based on the estimated sales to such consumers, computed in accordance with such methodology as may be stipulated by the Commission:

ACOS = Average Cost of Supply in ‘Rupees per kWh’ as approved for recovery by the Commission in the Tariff Order:

Provided that the monthly ZFAC shall not exceed 20% of the variable component of Tariff or such other ceiling as may be stipulated by the Commission from time to time:

Provided further that any under-recovery in the ZFAC on account of such ceiling shall be carried forward and shall be recovered by the Distribution Licensee over such future period as may be directed by the Commission....”

10.2 The Commission has worked out FAC per unit for each category of consumer based on the formula provided in the above Regulations. The Commission observed that there is an under recovery of ZFAC in absolute terms on considering category wise per unit FAC worked out and category wise actual sales for the month of April, 2018 to June, 2018.

10.3 The variation in FAC in absolute terms is due to formula error of ZFAC computed on per unit basis. The variation however is taken care in the adjustment factor of subsequent months.

10.4 The following Table shows per unit ZFAC to be charged to the consumers of BEST Undertaking for the billing month of July, 2018 to September, 2018.



S. No.	Consumer categories	Slab	ZFAC to be levied in billing month of July' 2018	ZFAC to be levied in billing month of August' 2018	ZFAC to be levied in billing month of September' 2018
			Rs./kWh	Rs./kWh	Rs./kWh
(A)	LT Category				
1	LT - I (A) Residential-BPL	0 - 30	0.08	(0.12)	0.20
2	LT - I (B) Residential	0 - 100	0.10	(0.15)	0.29
3		101 - 300	0.17	(0.27)	0.51
4		301 - 500	0.25	(0.39)	0.74
5		> 501	0.30	(0.47)	0.90
6	LT - II (A) Commercial	0 - 500	0.28	(0.43)	0.83
7		> 500	0.28	(0.44)	0.84
8	LT - II (B) Commercial	all units	0.28	(0.43)	0.82
9	LT - II (C) Commercial	all units	0.29	(0.46)	0.87
10	LT - III (A) Industrial	0 - 500	0.25	(0.40)	0.76
11		> 500	0.27	(0.42)	0.80
12	LT - III (B) Industrial	> 20 KW	0.25	(0.39)	0.75
13	LT - IV PWW	all units	0.24	(0.38)	0.73
14	LT - V Adv & Hoardings	all units	0.39	(0.61)	1.16
15	LT - VI St. Lighting	all units	0.25	(0.39)	0.74
16	LT - VII (A) Temp-Religious	all units	0.15	(0.24)	0.45
17	LT - VII (B) Temp-Others	all units	0.29	(0.45)	0.86
18	LT - VIII Crematorium	all units	0.17	(0.27)	0.52
19	LT - IX (A) Public Service	all units	0.24	(0.38)	0.73
20	LT - IX (B) Public Service Others	all units	0.26	(0.41)	0.78
(B)	HT Category				
21	HT - I Industry	all units	0.26	(0.41)	0.77
22	HT - II Commercial	all units	0.27	(0.43)	0.81
23	HT - III Grp.Housing (Residential)	all units	0.22	(0.34)	0.65
24	HT - IV PWW	all units	0.24	(0.37)	0.70
25	HT-V Railways, Metro & Monorail	all units	0.23	(0.35)	0.68
26	HT-VI (A) Public Service	all units	0.24	(0.37)	0.70
27	HT-VI (B) Public Service-Others	all units	0.27	(0.41)	0.79
28	HT-VII Temporary Supply	all units	0.28	(0.43)	0.82



