

महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission

Ref. No. MERC/FAC/2018-2019/.12.62

Date: 19 Oct, 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 January, 2018 to March, 2018.

Reference:

1. BEST Undertaking's submission vide Letter No.55 dated 22 June, 2018 for

post- facto approval of FAC for the period from January, 2018 to March, 2018.

2. Replies to Data gaps submitted on 5 October, 2018 and 8 October, 2018.

Sir,

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

Month	Jan, 2018	Feb, 2018	Mar, 2018
FAC allowed (Rs. Crore)	22.28	27.68	31.12

The above approval of FAC is subject to the final True up of FY 2017-18 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 January, 2018 to March, 2018.



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POST FACTO APPROVAL FOR FAC FOR THE MONTH OF JANUARY 2018 TO MARCH 2018

<u>Subject:</u> Post facto approval of BEST Undertaking's Fuel Adjustment Charges (FAC) for the period from January, 2018 to March, 2018.

Reference: 1. BEST Undertaking's submission vide Letter No.55 dated 22 June, 2018 for post-facto approval of FAC for the period from January, 2018 to March, 2018.

2. Replies to Data gaps submitted on 5 October, 2018 and 8 October, 2018.

1. FAC submission by BEST Undertaking:

1.1 BEST Undertaking has submitted FAC submissions for the month of January, 2018 to March, 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 April, 2018 to June, 2018.

2. Background

- 2.1 On 28 October, 2016,the Commission has issued Tariff Order for BEST Undertaking, (Case No.33of 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 1st 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 22 June, 2018. BEST Undertaking has filed FAC submissions for the month of January, 2018 to March, 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 (Jan -18) (MU)	Actual (Feb-18) (MU)	Actual (Mar -18) (MU)
	(I)	(II=I/12)	(III)	(IV)	(V)
LT Category					
LT - I (A) Residential- BPL	0.26	0.02	0.01	0.02	0.00
LT - I (B) Residential	2,009.24	167.44	130.71	141.14	162.08
LT - II (A) Commercial	926.66	77.22	63.88	66.32	72.17
LT - II (B) Commercial	227.27	18.94	15.68	15.10	18.33
LT - II (C) Commercial	407.19	33.93	27.98	26.49	31.87
LT - III (A) Industrial	43.37	3.61	3.25	3.26	3.47
LT - III (B) Industrial	100.10	8.34	7.27	6.86	7.87
LT-IV PWW	1.83	0.15	0.56	0.51	0.59
LT - V Adv & Hoardings	1.84	0.15	0.13	0.14	0.13
LT - VI St. Lighting	28.10	2.34	2.57	2.31	2.41
LT - VII (A) Temp- Religious	3.06	0.26	0.01	0.00	0.00
LT - VII (B) Temp-Others	43.12	3.59	1.78	1.70	1.45
LT - VIII Crematorium	1.34	0.11	0.14	0.12	0.14
LT - IX (A) Public Service	37.51	3.13	3.85	3.70	4.53
LT - IX (B) Public Service Others	172.00	14.33	12.37	11.89	14.31
HT Category				rowalist (FRF.)	
HT - I Industry	190.07	15.84	10.45	9.61	11.11
HT - II Commercial	354.31	29.53	20.22	18.96	22.36
HT - III Grp. Housing (Residential)	32.14	2.68	2.32	2.16	2.67
HT - IV PWW	32.43	2.70	2.99	2.61	2.87
HT-V Railways, Metro & Monorail	elent physical	r ao na ar-i	0.16	0.15	0.18
HT-VI (A) Public Service	11.60	0.97	1.84	1.90	2.34
HT-VI (B) Public Service- Others	132.66	11.06	11.84	10.48	13.99
HT-VII Temporary Supply	7.81	0.65	1.19	1.36	1.53
Total Energy Sale	4,763.91	396.99	321.20	326.79	376.42



3.2 It is observed that the total sale for January to March, 2018 is 321.20 MU, 326.79 MU and 376.42 MU respectively which are lower than that approved sales in MYT Order i.e., 396.99MU. The major variation was observed in LT – I (B) Residential, LT – II (A) Commercial and in HT – I Industry and HT – II Commercial Categories mainly during the months of January and February, 2018.

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 January, 2018 to March, 2018 as compared to average power purchase cost approved in Tariff Order dated 28 October, 2016:

	Tariff Or	der Dated 2	8.10.2016	Actu	ıal for Jan,	2018
Particulars	Net Purchase	se Cost	Average Power Purchase Cost	Net Purchase	Cost	Average Power Purchase Cost
	MU	Rs. Crore	Rs/kWh	MU	Rs. Crore	Rs/kWh
TPC-G	3,842.42	1,613.30	4.20	235.84	106.47	4.51
RE Sources	316.62	306.75	9.69	19.06	25.31	13.28
Traders	1,104.52	388.75	3.52	66.36	28.40	4.28
Total Monthly Variations of prior period Accounted for Jan-2018 to Mar- 2018*	ord and vision of the state of	egradat tods godbletel area admir (763) 12 - a a 24000 - acu		15.70	5.10	3.25
Total	5,263.56	2,308.80	4.39	336.96	165.28	4.91



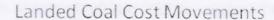
	Actu	al for Feb,	2018	Actu	al for Mar,	2018	
Particulars	Net Purchase Cost		Average Power Purchase Cost	Net Purchase	Cost	Average Power Purchase Cost	
	MU	Rs. Crore	Rs/kWh	MU	Rs. Crore	Rs/kWh	
TPC-G	280.44	131.62	4.69	341.19	154.11	4.52	
RE Sources	16.68	23.72	14.22	16.52	18.70	11.32	
Traders	21.46	10.31	4.80	36.50	17.70	4.85	
Total Monthly Variations of prior period Accounted for Jan-2018 to Mar-2018*	0.04	1.51	378.88	(50.30)	(8.60)	1.71	
Total	318.62	167.16	5.25	343.92	181.91	5.29	

^{*&}quot;Total monthly variations of prior period accounted for January, 2018 to March, 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 January to March, 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 With regards to TPC-G, the Commission has observed that the quantum of power purchase from TPC-G's Unit 5 and Unit 8 during the month of January was lower as compared to the corresponding purchases during the months of February and March, 2018, which was mainly on account of lower availability of the aforesaid Units. This has led BEST to purchase the required power from the Traders for the month of January, 2018. The Commission has asked the reason for such low availability and also the documentary evidence to demonstrate that this power has been procured from the Traders competitively in line with the Short Term Bidding guidelines issued by Ministry of Power.
- 4.5 In response to the query stated above, BEST stated that, TPC-G has taken out planned outage of Unit-5 from 2 to 17 January, 2018, for Boiler recertification and Generator Primary water flushing. Further, Unit-8 was out under breakdown outage from 5 to 14 January, 2018, due to HP front bearing problem and on 25 January, 2018 in which the Unit was withdrawn to attend hot spot on Generator Transformer B phase connector. Due to which availability of these units were comparatively lower. Further, both units were operated under back-down mode under State MOD principle in the month of January. 2018. Due to this actual generation from these Units were lower in said month. Therefore, the PLF (38.19% for Unit 5 and 58.65% for Unit 8) and net generation of Units 5 & 8

remained lower than normative in the month of January, 2018. 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 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 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. 4.51/kWh, Rs. 4.69/kWh and Rs. 4.52/kWh respectively for months of January, February and March, 2018. This is higher than that of MYT approved rate, i.e., Rs. 4.20/kWh. The variation is mainly on account of steep increase in average price of fuel from January, 2018 onwards which can be primarily attributed to the steep rise in coal prices. The landed cost of coal for the month of January to March, 2018 is Rs.6599/MT, Rs. 6882/MT and Rs. 7376/MT respectively which is around 30% to 50% higher than that of MYT approved value of Rs. 5003/MT. The generator (TPC-G) of BEST undertaking provided a comparison of the landed cost of coal prevailing for various months compared to the Commission approved landed cost of Coal in the corresponding MYT Order as follows.





4.7 It can be seen from the above graphical representation that there is significant rise in coal prices in the month of January to March 2018 and is substantially higher than the approved coal price in the corresponding MYT Order. Further, the Commission scrutinised the sample coal bills for January, 2018 provided by TPC-G for ascertaining the coal price increase. The basic price of coal including freight with respect to these coal bills were Rs. 4897 per MT against the approximate basic price including freight of around Rs. 3500 per MT prevailing during the MYT Order proceedings. The Commission also observed that the

- price of imported coal in international market has increased significantly and the coal index for the Indonesian coal was almost at its peak in these months. Therefore, the Commission has considered this price increase for the present quarter in the FAC approval.
- 4.8 Further, the commission has verified that the payment of Fixed Charges for all the Units has been worked out based on the cumulative availability as per the Regulation 48.3 of MYT Regulations, 2015. The monthly cumulative availability for all Thermal Units were observed higher than the Target availability of 85%. In case of Hydro Power Plants cumulative monthly availability of all three Hydro Plant were higher than the normative annual plant availability factor of 90%.
- 4.9 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 Q4 months, i.e., January to March, 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.
- 4.10 The APPC from RPS inclusive of REC cost for the months of January to March, 2018 is Rs. 13.28 /kWh, Rs. 14.22 /kWh and Rs. 11.32 /kWh respectively which is higher than the MYT approved value of Rs. 9.69 /kWh. BEST Undertaking has purchased REC towards the accumulated deficit of renewable power against the RPO target in previous months of the year. Due to this, BEST Undertaking has purchased REC amounting to Rs. 12.36 Crore for January and February, 2018 and Rs. 7.70 Crore for the month of March, 2018 which has increased the APPC.
- 4.11 Bilateral Power Purchase (Traders) sources for the months of January to March, 2018, mainly include TPTCL, JSWPTCL, PTC India Ltd., IEX and PXIL. The average price of power from Traders during the months of January to March, 2018 were Rs. 4.28/kWh, Rs. 4.80 /kWh and Rs.4.85 /kWh respectively which is higher than that of MYT approved price of Rs. 3.52 / kWh. Further, the quantum of power purchase from TPTCL (Trader) is at relatively high variable cost of Rs. 5.06/kWh and the same has increased monthly from January to March, 2018. The Commission has asked for reasoning along with the supporting documents to demonstrate that such quantum have been procured competitively through transparent bidding. In response to this BEST stated that, it has purchased power from TPTCL as well as from other 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..
- 4.12 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 January to March, 2018. The Commission has sought for the details computation of monthly variation along with the supporting bills/invoices and credit/debit note for the concerned month. Monthly variation is mainly on account weekly provisional FBSM bills received from MSLDC.



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.

4.13 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 January 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. 4.91/kWh for the month of January 2018, Rs. 5.25/kWh for the month of February, 2018 and Rs. 5.29/kWh for the month of March, 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 January, 2018 to March, 2018.

S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 2018
1	Average power purchase cost approved by the Commission	Rs./kWh	4.39	4.39	4.39
2	Actual average power purchase cost	Rs./kWh	4.91	5.25	5.29
3	Change in average power purchase cost (=2 -1)	Rs./kWh	0.52	0.86	0.90
4	Net Power Purchase	MU	336.96	318.62	343.92
5	Change in fuel and power purchase cost (=3 x 4/10)	Rs. Crore	17.48	27.40	31.06

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

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

S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 2018
1.1	Incremental cost allowed to be recovered in Month n-4	Rs. Crore	21.34	2.35	0.61
1.2	Incremental cost in Month n-4 actually recovered in month n-2	Rs. Crore	16.58	2.08	0.55



S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 2018
1.3	(over-recovery)/under-recovery (=1.1 - 1.2)	Rs. Crore	4.76	0.27	0.07
2.0	Carried forward adjustment for over- recovery/under-recovery attributable to application of ceiling limit for previous month	Rs. Crore	be in an		-
3.0	Adjustment factor for over- recovery/under-recovery (1.3+2.0)	Rs. Crore	4.76	0.27	0.07

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 January, 2018 to March, 2018.

S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 2018
1	Adjustment factor for over- recovery/under-recovery	Rs. Crore	4.76	0.27	0.07
2	Applicable Interest rate	%	9.45	9.45	9.65
3	Carrying cost for over- recovery/under-recovery	Rs. Crore	0.04	0.0022	0.0005

7.2 BEST has considered the interest rate as 8.15% plus 150 bps i.e., 9.65% during the months of January to March, 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 for which FAC is computed. Hence, the Commission has rectified the said error and considered the applicable interest rate as 9.45% for the months of January, 2018 to February, 2018 and 9.65% for the month of March which is based on applicable SBI MCLR rate prevailing during the respective months plus 150 basis points. This has negligible impact of Rs. 8388 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 Jan-18	Actual up to Feb-18	Actual up to Mar-18
1	Net Energy input at Distribution Voltages	MU	5,057.23	4,060.59	4,387.96	4,800.41
2	Energy sales (metered) at Distribution voltages	MU	4,763.91	3,829.23	4,156.02	4,532.44
3	Distribution Loss (=1-2)	MU	293.32	231.35	231.93	267.97
4	Distribution Loss as % of net energy input (=3/1)	%	5.80%	5.70%	5.29%	5.58%
5	Excess Distribution Loss =[Distribution Loss (4) - Distribution loss approved] x Net Energy Input (1)	MU	(4-2,5-(c.1).)	l brawrol lare perio	nacytoer bairra) dugigab	6.8
6	Disallowance of FAC due to excess Distribution Loss	Rs. Crore	eda i svoda 3 se svoda 8	i mar ms Sp. 18 g. 7.	e pd app 18 110 deeds	10.00

8.3 As seen from the above Table, cumulative distribution loss is 5.70% for the month of January, 2018, 5.29% for February, 2018 and 5.58% for March, 2018 which are lesser than the approved Distribution Loss of 5.80%. Hence, disallowance on account of excess distribution loss for the months of January, 2018, February, 2018 and March, 2018 have not been worked out.

9. Summary of Allowable ZFAC

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

S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 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	17.48	27.40	31.06
1.2	Carrying cost for over-recovery/under-recovery (C)	Rs. Crore	0.04	0.0022	0.0005
1.3	Adjustment factor for over- recovery/under-recovery (B)	Rs. Crore	4.76	0.27	0.07

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S. No.	Particulars	Units	Jan, 2018	Feb, 2018	Mar, 2018
1.4	ZFAC = F+C+B	Rs. Crore	22.28	27.68	31.12
2.0	Calculation of FAC Charge				
2.1	Energy Sales within the License Area	MU	321.20	326.79	376.42
2.2	Excess Distribution Loss	MU		-	-
2.3	ZFAC per kWh	Rs./kWh	0.69	0.85	0.83
2.4	Cap at 20% of variable component of tariff	Rs./kWh	1.27	1.27	1.27
2.5	FAC Charge allowable (Minimum of 2.3 and 2.4)	Rs./kWh	0.69	0.85	0.83
3.0	Recovery of FAC				
3.1	Allowable FAC [(2.1 x 2.5)/10]	Rs. Crore	22.28	27.68	31.12
3.2	FAC disallowed corresponding to excess Distribution Loss [(2.2 x 2.5)/10]	Rs. Crore	-		-
4.0	Total FAC based on category wise and slab wise allowed to be recovered	Rs. Crore	22.28	27.68	31.12
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 January to March, 2018 is Rs. 22.28 Crore, Rs. 27.68 Crore and Rs. 31.12 Crore respectively. Based on total energy sales , FAC per unit has been work out as Rs. 0.69/ kWh, Rs. 0.85/ kWh and Rs. 0.83/ kWh for the months of January to March, 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 Q4 of FY 2017-18.

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 January, 2018 to March, 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 April, 2018 to June, 2018.

S. No.	Consumer categories	Slab	ZFAC to be levied in billing month of Apr'2018	ZFAC to be levied in billing month of May'2018	ZFAC to be levied in billing month of Jun'2018
(A)	LT Category		Rs./kWh	Rs./kWh	Rs./kWh
(A)					
1	LT - I (A) Residential-BPL	0 - 30	0.20	0.20	0.20
2	LT - I (B) Residential	0 - 100	0.29	0.36	0.35

S. No.	Consumer categories	Slab	ZFAC to be levied in billing month of Apr'2018	ZFAC to be levied in billing month of May'2018	ZFAC to be levied in billing month of Jun'2018
			Rs./kWh	Rs./kWh	Rs./kWh
3	military many allow sometimeses all losses	101 - 300	0.50	0.61	0.59
4		301 - 500	0.71	0.87	0.85
5		> 501	0.87	1.06	1.03
6	LT - II (A) Commercial	0 - 500	0.82	1.00	0.97
7		> 500	0.84	1.03	1.00
8	LT - II (B) Commercial	all units	0.82	1.00	0.98
9	LT - II (C) Commercial	all units	0.87	1.06	1.04
10	LT - III (A) Industrial	0 - 500	0.75	0.92	0.89
11	Miles Holle (6 thirds saidte 2822 588 8	> 500	0.79	0.97	0.94
12	LT - III (B) Industrial	> 20 KW	0.75	0.91	0.89
13	LT - IV PWW	all units	0.73	0.90	0.87
14	LT - V Adv & Hoardings	all units	1.16	1.42	1.39
15	LT - VI St. Lighting	all units	0.73	0.89	0.87
16	LT - VII (A) Temp-Religious	all units	0.43	0.53	0.51
17	LT - VII (B) Temp-Others	all units	0.88	1.08	1.05
18	LT - VIII Crematorium	all units	0.50	0.61	0.59
19	LT - IX (A) Public Service	all units	0.73	0.89	0.87
20	LT - IX (B) Public Service Others	all units	0.79	0.96	0.94
(B)	HT Category				
21	HT - I Industry	all units	0.77	0.93	0.91
22	HT - II Commercial	all units	0.82	1.01	0.98
23	HT - III Grp.Housing (Residential)	all units	0.64	0.78	0.76
24	HT - IV PWW	all units	0.67	0.82	0.80
25	HT-V Railways, Metro & Monorail	all units	0.65	0.80	0.78
26	HT-VI (A) Public Service	all units	0.67	0.82	0.80
27	HT-VI (B) Public Service-Others	all units	0.79	0.96	0.94
28	HT-VII Temporary Supply	all units	0.83	1.01	0.99

