



महाराष्ट्र विद्युत नियामक आयोग

Maharashtra Electricity Regulatory Commission

Ref. No. MERC/FAC/20142015/00775

Date: 28 July, 2014

To,
The Managing Director,
Maharashtra State Electricity Distribution Company Ltd.,
5th Floor, Prakashgad, Plot No. G-9,
Bandra (East),
Mumbai – 400 051.

Subject: Post Facto approval of FAC submissions of MSEDCL for the month of January, February and March, 2013

Reference:

- MSEDCL's FAC submission of month of January, 2013 received vide MSEDCL/PP/FAC/L7/12261 dated 13 May 2013.
- MSEDCL's FAC submission of month of February, 2013 received vide MSEDCL/PP/FAC/L7/ dated 17 June 2013.
- MSEDCL's FAC submission of month of March 2013 received vide MSEDCL/PP/FAC/L7/ 20140 dated 25 July 2013.

Sir,

Upon vetting the FAC calculations for the months of January, February and March, 2013 submitted vide letter under above reference, the Commission has accorded post facto approval for charging to its consumers the FAC amount (net of excess T&D loss), as detailed below:

Month	FAC Amount (Rs. Crore)
January, 2013	154.88
February, 2013	(14.23)
March, 2013	(8.82)

The Commission has notified on 28th February 2011 the Amendment Regulations for recovery of Fuel Adjustment Cost charges from the Consumers in a proportionate manner. Accordingly, the Commission has also approved the category wise and slab wise tabulation for recovery of the said FAC charges by MSEDCL from its Consumers. The adjustments (positive or negative) arising out of the apportionment as above is to be carried forward by MSEDCL to the next month.

Page 1 of 26


The summary of the FAC claim for the month of January, February and March 2013 as approved by the Commission is shown in the Table below:-

Table-1

Sr. No.	Particulars	Unit	Jan 13	Feb 13	Mar 13
1	FAC (A) considering cap on Monthly FAC Charge	Rs Crore	610.54	589.46	646.62
2	FAC (A) disallowed corresponding to excess T&D loss	Rs Crore	-	-	-
3	FAC (A) without considering cap and as per category wise and slab wise	Rs Crore	146.33	(35.89)	23.49
4	C/f from Previous month.	Rs Crore	0.00	0.00	0.00
5	Under/over recovery from 6.6 statement 3.	Rs Crore	8.55	21.66	(32.31)
6	Total FAC to be recovered from consumers 6=(3+4+5)	Rs Crore	154.88	(14.23)	(8.82)
7	Total FAC allowed to be recovered in the billing month of February 2013 and March 2013 respectively	Rs Crore	154.88	(14.23)	(8.82)
8	Carried forward FAC (A) for recovery during future period 8=(6-7)	Rs Crore	NIL	NIL	NIL
5	FAC rate in the billing month of February 2013 and March 2013 respectively	Paise/kWh	Proportionate. See Table-6A & 6B of Annexure attached with this letter.		
6	FAC rate (unmetered)				
6.1	-LT-Ag (>1318 hours per year)	Rs/hp/month			
6.2	-LT-Ag (<1318 hours per year)	Rs/hp/month			



Yours faithfully,


28.7.14
(Rajendra Ambekar)
Director (Tariff)

Encl: Annexure: Detailed Vetting Report for the month of January, February and March, 2013

Cc as enclosed:

Names and Addresses of Consumer Representatives authorized as per Sec 94 (3) of EA 2003

Prayas Energy Group, Amrita Clinic, Athawale Corner,	The President, Mumbai Grahak Panchayat,
---	--

Lakdipool-Karve Road Junction, Deccan Gymkhana, Karve Road, Pune 411 004.	Grahak Bhavan, Sant Dnyaneshwar Marg, Behind Cooper Hospital, Vile Parle (West), Mumbai 400 056.
The General Secretary, Thane Belapur Industries Association, Plot No.P-14, MIDC, Rabale Village, PO Ghansoli, Navi Mumbai 400 7001	The President, Vidarbha Industries Association, 1 st floor, Udyog Bhawan, Civil Lines, Nagpur 440 001.
Maharashtra Chamber of Commerce, Industry & Agriculture, Oricon House, 6th Floor, 12 K. Dubash Marg, Fort, Mumbai-400 001 (Nashik Branch) E-mail: maccia.nsk@gmail.com	



Date: 28 July, 2014

Post Facto approval of FAC Charges for the months of January, February and March 2013 submitted by MSEDCL

Subject: Post Facto approval of FAC submissions of MSEDCL for November and December 2012

Reference:

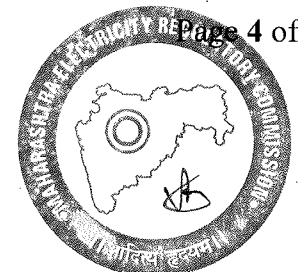
- a) MSEDCL's FAC submission of month of January, 2013 received vide MSEDCL/PP/FAC/L7/12261 dated 13 May 2013.
- b) MSEDCL's FAC submission of month of February, 2013 received vide MSEDCL/PP/FAC/L7/ dated 17 June 2013.
- c) MSEDCL's FAC submission of month of March 2013 received vide MSEDCL/PP/FAC/L7/ 20140 dated 25 July 2013.

1. FAC submission by MSEDCL:

1.1 MSEDCL had submitted the FAC submission for the month of January, February and March, 2013 as referred above. Upon vetting the FAC calculations, taking cognizance of all the submissions furnished by MSEDCL, the Commission has accorded post facto approval for the FAC amount for the said month as detailed below.

2. Background

- 2.1 The Commission has issued Tariff Order for MSPGCL, dated 21 June 2012 (Case No. 6 of 2012), for Final True up for FY 2010-11, approval of Aggregate Revenue Requirement and Tariff for FY 2011-12 and FY 2012-13.
- 2.2 The Commission had appointed CPRI (A Govt. of India enterprise) to conduct tests and recommend "Achievable performance parameters" of MSPGCL's thermal stations, whose report had guided the Commission to specify achievable performance parameters for the said year, taking into consideration the plant degradations.
- 2.3 The Commission has issued Tariff Order for MSEDCL dated 16th August 2012, Case No. 19 of 2012, for Final True Up of FY 2010-11, Aggregate Revenue Requirement for FY 2011-12 and FY 2012-13, Tariff Determination for FY 2012-13 and Revision in Schedule of Charges and has mentioned about the Procedure for Vetting of FAC levied on Consumers.
- 2.4 As per above mentioned order, Clause 8.23:
"The levy of Fuel Adjustment Cost (FAC) charge for different consumers and the under-recovery/over-recovery of the corresponding costs will be vetted by the Commission bi-



monthly on a post-facto basis, based on submissions made by MSEDCL. However, for the first month after the issue of the Order, MSEDCL should obtain the Commission's prior approval for levy of FAC, to ensure that the FAC is being levied correctly. Thereafter, MSEDCL should submit the FAC computations and details of under-recovery/over-recovery of fuel cost variations on a bi-monthly basis, as applicable."

- 2.5 Also, the Commission has issued a Suo-Moto Order, for Revision in the Ceiling for Levy of Fuel Adjustment Cost (FAC) by Distribution Licensees in the State of Maharashtra under Regulation 82 of the Maharashtra Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2005.

As per the Ruling, the Commission revises the average FAC Ceiling to 20% of Variable Tariff for all the Distribution Licensees in the State of Maharashtra. The revised FAC ceiling of 20% is the average ceiling for the Distribution Licensee as a whole, and the applicable ceiling will be different for different consumer categories/sub-categories/consumption slabs, equivalent to 20% of the variable tariff of that consumer category/sub-category/consumption slab. The revised FAC Ceiling will come into effect for the FAC allowable (to be charged to consumers) from the month of September 2012 onwards.

- 2.6 The Commission has notified on 28 January 2011 the "MERC (Terms and Conditions of tariff) (Amendment) Regulations, 2011" for recovery of Fuel Adjustment Cost charges from the Consumers in a proportionate basis as per its tariff category/sub-category/consumption slab.
- 2.7 The Commission, vide its Order in Case No. 43 of 2012 dated 15 June 2012, has allowed MSEDCL to recover an un-recovered FAC amount from its consumers through monthly energy bills in six equal installments. The additional amount as above has to be recovered proportionate to the Tariff charged to the consumers as per the respective category and slabs, and with due consideration to the applicable ceiling. Accordingly MSEDCL has recovered the same and the under recovered amount till November 2012 has been added to the FAC for the month of Jan 2013 and accordingly to be recovered in the month of Jan 2013.

FAC Mechanism

- 3.1 The Commission has taken cognizance of the directives issued in all the above Orders and has accordingly approved FAC charges for the months of January, February and March, 2013 in accordance with the principles stipulated therein and the MERC (Terms and Conditions of Tariff) Regulations, 2005. Any variance on account any further Reviews / Amendments will be addressed during the true-up.
- 3.2 Subsequent to the approval of the aggregate FAC amount, the Commission has also approved the apportionment of the said recovery from the consumers, based on the tariff categories and consumption slabs up to respective ceilings of 10% (20% from the month of September 2012)



- 3.3 MSEDCL procures power from:
- MSPGCL
 - Central Generating Stations
 - Ratnagiri Gas and Power Private Limited (RGPPL);
 - JSW (Ratnagiri) Energy Ltd.;
 - Adani Power Limited;
 - Mundra UMPP
 - Bilateral Procurements (Power Exchange, Traders, etc.)
 - Renewable Energy Sources
 - Infirm Power (MSPGCL units under commissioning, other infirm sources)

4. **Details of approval:**

4.1 **Approval:**

The Commission has accorded post facto approval for the FAC amount (net of T & D loss for the months of *January, February and March, 2013 of Rs. 154.88 Crore, Rs.(14.23) Crore and Rs. (8.82)Crore respectively.* The summary of the FAC claim as approved by the Commission is shown in the Table below:-

Table -2

Sr. No.	Particulars	Unit	Jan 13	Feb 13	Mar 13
1	FAC (A) considering cap on Monthly FAC Charge	Rs Crore	610.54	589.46	646.62
2	FAC (A) disallowed corresponding to excess T&D loss	Rs Crore	-	-	-
3	FAC (A) without considering cap and as per category wise and slab wise	Rs Crore	146.33	(35.89)	23.49
4	C/f from Previous month.	Rs Crore	0.00	0.00	0.00
5	Under/over recovery from 6.6 statement 3.	Rs Crore	8.55	21.66	(32.31)
6	Total FAC to be recovered from consumers 6=(3+4+5)	Rs Crore	154.88	(14.23)	(8.82)
7	Total FAC allowed to be recovered in the billing month of February 2013 and March 2013 respectively	Rs Crore	154.88	(14.23)	(8.82)
8	Carried forward FAC (A) for recovery during future period 8=(6-7)	Rs Crore	NIL	NIL	NIL

After the apportionment, the under-recovered FAC amount to be carried forward to the month of April 2013 is Nil.

5. Analysis of FAC proposal submitted by MSEDCL and computation of FAC charges is as below:



a) **Generation by MSPGCL stations:** (Ref: Details in Form 1.3 of FAC submission)

- The Plant Load Factor for all the generating stations is near to 80%.
- The actual Gross generation at MSPGCL plants (Hydel, Thermal and Gas) as per the FAC submissions for the month of January 2013, February, 2013 and March, 2013 are **4315.75 MU, 3932.23 MU and 4259.05 MU** respectively.
- The availability of Parali, Koradi and Bhusawal 4 in the month of January 2013 was very low, i.e., 47.69%, 40.27% and 44.08% respectively. Further, in the month of February, 2013, the availability of Parali and Koradi was very low, i.e., 47.69% and 49.82% respectively. In the month of March, 2013, Paras and Parali was not available for generation because of planned outages.

b) **Variable Cost of Generation:**

MSEDCL has submitted the break-up of purchase price of different fuels for all stations of MSPGCL, certified by Chartered Accountant.

i) **Variable Fuel Cost:**

MSEDCL has considered the base variable fuel cost for each station as approved by the Commission in the Final True up Order of MSPGCL of 21st June 2012 (Case 6 of 2012)

The summary of fuel related costs for the months of January, February and March 2013 for existing generating stations of MSPGCL as approved by the Commission after detail vetting is shown in the Table below:

Table-3

Sr. No.	Detail	Unit	Jan 13	Feb 13	Mar 13
1	Actual Fuel Cost	Rs. Crore	918.96	836.36	869.90
2	Normative Actual Fuel cost	Rs. Crore	941.66	853.40	886.60
3	Net Generation	MUs	3712.01	3266.10	3397.99
4	Approved variable cost of generation (Order)	Rs./kWh	2.38	2.38	2.38
5	Actual average variable cost of generation	Rs./kWh	2.48	2.56	2.56
6	Average Normative variable cost of generation	Rs./kWh	2.54	2.61	2.61
7	Change in variable cost of generation ={(3)X[(6)-(4)]/10	Rs. Crore	57.92	75.81	77.62

ii) Variable cost of power purchase

The Commission has considered the increase in power purchase cost in case of approved power purchase sources as per the Tariff Order for MSEDCL dated 16th August 2012, Case No. 19 of 2012, for Final True Up of FY 2010-11, Aggregate Revenue Requirement for FY 2011-12 and FY 2012-13, Tariff Determination for FY 2012-13

MSEDCL has submitted the data for the power purchase certified by Chartered Accountant. The details of power purchase by MSEDCL for January, February and March, 2013 are given below:

Table-4

Sr. No.	Details	Unit	Jan 13	Feb 13	Mar 13
1	Net Energy Purchase	MUs	4535.92	3790.41	4858.73
2	Variable Cost of Energy purchased	Rs. Crore	1099.38	842.53	1123.00
3	Average Rate of energy purchased	Rs./kWh	2.42	2.22	2.31
4	Approved Rate for Energy purchase (Order)	Rs./kWh	2.66	2.55	2.55

c) Unscheduled Interchange (UI) Charges:

MSEDCL has sold 54 MU and 114 MU through UI at average rate of Rs. 1.91/kWh & Rs. 1.36/kWh amounting to Rs. 10.20 crore and Rs. 15.54 crore in month of January, 2013 and February, 2013 respectively. Further, MSEDCL has purchased 130 MU through UI at average rate of Rs. 3.21/kWh at net cost of Rs. 41.63 crore in the month of March, 2013.

e) Total sales in licensed area:

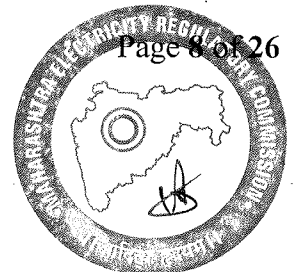
The total sales in its licensed area have been presented by MSEDCL in the following manner:-

- Metered sales include the total sales metered for the HT and LT consumers in its area.
- Unmetered sales are the assessed sales of unmetered consumers.

These are shown in Form 1.1 of FAC statement as the total sales of the area (gross). From these, those which are eligible for FAC are separated out by deducting the HT credits given (for HT consumers having own small sources injected in network, temporary supplies, etc) to indicate net sales in licensed area which are tabulated in form 8.1 of FAC submission.

The details as above are tabulated below:

Table 5



Sr. No.	Detail	Unit	Jan 13	Feb 13	Mar 13	Ref FAC submission Form
1	Total Energy Sales excluding Energy Sales corresponding to specific utilisation of a particular Unit/Station as per Order.	MUs	5843.5	5816.9	6217.01	Item No. 5 of FAC submission Form 1.1
2	Total sales of categories below 1318 Hrs/yr and above 1318 Hrs/yr for the said month	MUs	894.35	894.35	871.19	Sum of assessed energy sold in FAC submission Form 1.2
3	Less: Credit for HT injections, temporary supply, interstate, wheeling etc	MUs	61.01	56.28	50.43	Entry with explanation in FAC submission Form 7.1, for item No.1
4	Total of item 1 and 2	MUs	6737.8	6711.3	7088.2	
5	Grand total of items 1, 2 and 3	MUs	6676.79	6654.96	7037.77	Item 2.1 of FAC submission form 8.1

f) Interest on working capital –

MSEDCL has mentioned that 14.75% is the rate of Interest for working capital for January, 2013, February, 2013 and March, 2013. However, no IWC has been claimed in the format 6.5 submitted for claiming the IWC incurred. Hence Interest on working capital has not been considered for the said month.

g) Adjustment factor-

The computation of Adjustment factor is as shown in the following table.

Table-5A - Adjustment Factor

Sr. No.	Parameter	Unit	Jan 13	Feb 13	Mar 13
(A)	(B)	(C)			
1.0	Adjustment for over-recovery/under-recovery ('B')				
1.1	Incremental cost allowed to be recovered in Month	Rs Crore	254.74	276.75	256.51
1.2	Incremental cost in Month j-4 actually recovered in month j-2	Rs Crore	246.19	255.09	288.82
1.3	Over-recovery/under-recovery (1.2-1.1)	Rs Crore	8.55	21.66	(32.31)
2.0					
2.1	C/f DUE TO FORMULA ERROR	Rs Crore	40.14	12.30	(4.12)

Sr. No.	Parameter	Unit	Jan 13	Feb 13	Mar 13
2.2	C/f of July 12 to be recovered in 6 equal instalment	Rs Crore	177.69	0.00	33.77
3.0	Adjustment factor for over-recovery/under-recovery (2.1+2.2)	Rs Crore	217.83	12.30	29.65

4. Transmission and Distribution Loss:

Transmission and Distribution loss:

For the month of January 2013, MSEDCL has reported Transmission & Distribution (T&D) Loss of 21.49%. Thereby, the Cumulative T&D loss up to the month of January 2013 is 16.95%.

For the month of February 2013, MSEDCL has reported T&D Loss of 10.50%. Thereby, the Cumulative Distribution loss up to the month of February 2013 is 16.41%.

For the month of March 2013, MSEDCL has reported T&D Loss of 20.48%. Thereby, the Cumulative T&D loss up to the month of March 2013 is 16.78%.

5. Energy Sales for within License area:

The net energy sales within licence area as submitted by MSEDCL in the FAC submission, after deducting the HT credits, temporary supply etc as explained above, and as approved by the Commission are as below:

Month	Sales (In MUs)
January, 2013	6676.79
February, 2013	6654.96
March, 2013	7037.77

6. Summary:

The summary of the FAC amount as approved by the Commission for the months is shown in the Tables below:-

The Commission has approved FAC chargeable in the month of January, 2013, February, 2013 and March, 2013 as **Rs. 154.88 Crore and Rs. (14.23) Crore and Rs. (8.82) Crore respectively**, and has allowed to be carried forward to the next month (April, 2013) for recovery **Rs. Nil**, arrived at as the sum of the following quantities:



- a) Difference between FAC allowed to be recovered in the month j-4 and the FAC actually recovered in the current month.
- b) Difference between the FAC chargeable as per formula and that chargeable as per Order value on account of difference in MUs consumed by various categories with respect to Order values
- c) Excess amount above cap applied to any categories.
- d) Carried forward amount from the previous month
- e) Formula error of previous months FAC submission in Form 8.3

This is approved.

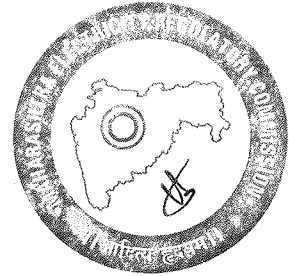
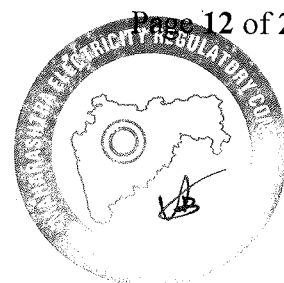


Table-5B

Table	8.1		
Title	Summary of FAC (A) and FAC_{kWh} January, 2013		
Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Calculation of FAC (A)		
1.1	Disallowance of change in variable cost of generation corresponding to excess auxiliary consumption	Rs Lakh	-
1.2	Change in weighted average variable cost of generation and power purchase after accounting for disallowance of change in variable cost corresponding to excess auxiliary consumption	Rs Lakh	-
1.3	Apportionment of change in variable cost of generation and power purchase to License Area (C)	Rs Lakh	(5919.94)
1.4	Working Capital Interest (I)	Rs Lakh	-
1.5	T & D Loss Adjustment for the year		-
1.6	Adjustment for Over Recovery/Under Recovery (B)	Rs Lakh	21783.00
1.7	FAC (A) = C + I + B	Rs Lakh	15863.06
2.0	Calculation of FAC_{kWh}		
2.1	Sale within License Area	MU	6676.79
2.2	Excess T&D Loss	MU	-
2.3	FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	23.76
2.4	Cap on monthly FAC Charge	Paise/kWh	91.44
2.5	FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.9144
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	61054.17
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	-
3.3	FAC (A) without considering cap and as per 8.3 category-wise and slab-wise-(1)	Rs Lakh	14633.05
3.4	C/f from Previous month-(2).	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement Sl. No. 1. (3)	Rs Lakh	855.26
3.6	Total FAC to be recovered from consumers	Rs Lakh	15488.31



	4=(1+2+3)		
3.7	Total FAC allowed to be recovered in the billing month of April 2013 based on current month category-wise and slab-wise sales- 5	Rs Lakh	15488.31
3.8	Carried forward FAC (A) for recovery during future period (4-5)	Rs Lakh	-

Table 8.1			
Title Summary of FAC (A) and FAC_{kWh} February, 2013			
Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Calculation of FAC (A)		
1.1	Disallowance of change in variable cost of generation corresponding to excess auxiliary consumption	Rs Lakh	-
1.2	Change in weighted average variable cost of generation and power purchase after accounting for disallowance of change in variable cost corresponding to excess auxiliary consumption	Rs Lakh	-
1.3	Apportionment of change in variable cost of generation and power purchase to License Area (C)	Rs Lakh	(5230.60)
1.4	Working Capital Interest (I)	Rs Lakh	-
1.5	T & D Loss Adjustment for the year		-
1.6	Adjustment for Over Recovery/Under Recovery (B)	Rs Lakh	1230.01
1.7	FAC (A) = C + I + B	Rs Lakh	(4000.59)
2.0	Calculation of FAC_{kWh}		
2.1	Sale within License Area	MU	6654.96
2.2	Excess T&D Loss	MU	-
2.3	FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	(6.01)
2.4	Cap on monthly FAC Charge	Paise/kWh	88.57
2.5	FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.8857
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	58945.80

3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	-
3.3	FAC (A) without considering cap and as per 8.3 category-wise and slab-wise (1)	Rs Lakh	(3588.57)
3.4	C/f from Previous month (2).	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement Sl. No. 1. (3)	Rs Lakh	2165.70
3.6	Total FAC to be charged in current month 4=(1+2+3)	Rs Lakh	(1422.87)
4.0	Total FAC allowed to be recovered in the billing month of May 2013 based on current month category-wise and slab-wise sales (5)	Rs Lakh	(1422.87)
5.0	Carried forward FAC (A) for recovery during future period (4-5)	Rs Lakh	0.00

Table 8.1			
Title Summary of FAC (A) and FAC_{kWh} March, 2013			
Sr. No.	Parameter	Unit	Value
(A)	(B)	(C)	(D)
1.0	Calculation of FAC (A)		
1.1	Disallowance of change in variable cost of generation corresponding to excess auxiliary consumption	Rs Lakh	-
1.2	Change in weighted average variable cost of generation and power purchase after accounting for disallowance of change in variable cost corresponding to excess auxiliary consumption	Rs Lakh	-
1.3	Apportionment of change in variable cost of generation and power purchase to License Area (C)	Rs Lakh	(3597.94)
1.4	Working Capital Interest (I)	Rs Lakh	-
1.5	T & D Loss Adjustment for the year		3170.82
1.6	Adjustment for Over Recovery/Under Recovery (B)	Rs Lakh	2965.34
1.7	FAC (A) = C + I + B	Rs Lakh	2538.21
2.0	Calculation of FAC_{kWh}		
2.1	Sale within License Area	MU	7037.77
2.2	Excess T&D Loss	MU	-



2.3	FAC Charge (FAC_{kWh}) without considering cap on monthly FAC Charge	Paise/kWh	3.61
2.4	Cap on monthly FAC Charge	Paise/kWh	91.88
2.5	FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge	Rs/kWh	0.9188
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	64661.70
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	-
3.3	FAC (A) without considering cap and as per 8.3 category-wise and slab-wise (1)	Rs Lakh	2348.73
3.4	C/f from Previous month (2).	Rs Lakh	-
3.5	Under/over recovery from 6.6 statement Sl. No. 1. (3)	Rs Lakh	(3230.66)
3.6	Total FAC to be charged in current month 4=(1+2+3)	Rs Lakh	(881.94)
4.0	Total FAC allowed to be recovered in the billing month of June 2013 based on current month category-wise and slab-wise sales (5)	Rs Lakh	263.47
5.0	Carried forward FAC (A) for recovery during future period (4-5)	Rs Lakh	0.00

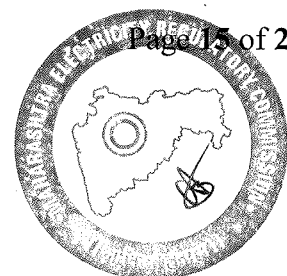
7. Recovery from Consumers:

As notified on 28th January 2011, vide Maharashtra Electricity Regulatory Commission (Terms and Conditions of Tariff) (Amendment) Regulations, 2011, the Commission has amended the Regulations applicable to recovery of FAC as follows:

“82.6 The monthly FAC charges of a particular tariff category/sub-category/consumption slab shall not exceed 10% of the variable component of tariff of that tariff category/sub-category/consumption slab, or such other ceiling as be stipulated by the Commission from time to time.

Provided that any excess in the FAC charge over the above ceiling shall be carried forward by the Distribution Licensee and shall be recovered over such future period as be directed by the Commission.

Provided further that in case of un-metered consumers, ceiling of FAC charges shall be calculated by multiplying the ceiling of FAC charges of metered sub-category by the ratio of Average Billing Rate (ABR) of respective un-metered sub-category to ABR of metered sub-category within the same tariff category.



“82.10. Calculation of FAC per kWh for a particular tariff category/sub-category/consumption slab shall be as per the following formula:

$FAC_{cat} \text{ Rs/kWh} = (FAC / (\text{Metered sales} + \text{Unmetered consumption estimates} + \text{Excess distribution losses})) * K * 10$

Where:

FAC_{cat} = FAC for a particular tariff category/sub-category/consumption slab in ‘Rupees per kWh’ terms.

$K = (\text{Energy Charge}) / (ACOS)$

Where,

Energy Charge = Energy Charge for a particular tariff category / sub-category/ consumption slab under consideration in ‘Rupees per kWh’ as approved by the Commission in Tariff Order.

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

Based on the above amendment, MSEDCL has calculated the “FAC apportioned to each Tariff Category and as per applicable slab”,

7.2 Modality of recovery modified by MSEDCL:

Vide its Order in the matter of Case 63 of 2012 issued on 26 August 2012, the Commission had directed as follows:

“.....the Commission hereby revises the average FAC Ceiling to 20% of Variable Tariff for all the Distribution Licensees in the State of Maharashtra. The revised FAC ceiling of 20% is the average ceiling for the Distribution Licensee as a whole, and the applicable ceiling will be different for different consumer categories/sub-categories/consumption slabs, equivalent to 20% of the variable tariff of that consumer category/sub-category/consumption slab. The revised FAC Ceiling will come into effect for the FAC allowable (to be charged to consumers) from the month of September 2012 onwards.

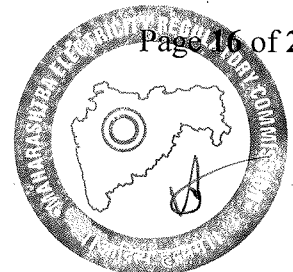


Table 5C

Sr. No.	Details	Unit	Jan 13	Feb 13	Mar 13
1	Sales in licensed area	MUs	6676.79	6654.96	7037.77
2	FAC(A) =C+I+B	Rs Lakh	15863.06	(4000.59)	2538.21
3	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	0.00	0.00	0.00
4	FAC kWh	Rs/kWh	0.24	(0.06)	0.36
5	FAC (A) charged as per 8.3 category wise and slab wise 1	Rs Lakh	14633.05	(3588.57)	2348.73
6	C/f from Previous month.	Rs Lakh	0.00	0.00	0.00
7	Under/over recovery from 6.6 statement 3.	Rs Lakh	855.26	2165.70	(3230.66)
8	Total FAC to be charged in current month 8=(5+6+7)	Rs Lakh	15488.31	(1422.87)	(881.94)
9	Total FAC	Rs/kWh	0.23	(0.02)	(0.01)
10	FAC rate based on category wise and slab wise 5.	Rs Lakh	15488.31	(1422.87)	(881.94)
11	FAC to be charged (Avg)	Rs/kWh	0.23	(0.02)	(0.01)
12	Carried forward FAC (A) for recovery during future period 12=(8-10)	Rs Lakh	0.00	0.00	0.00

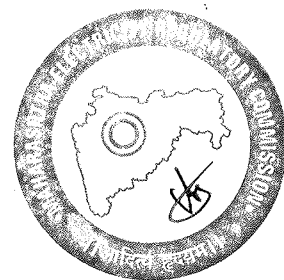
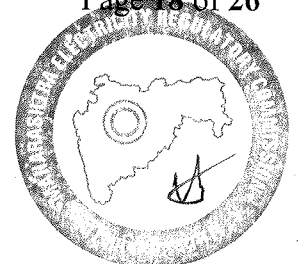


Table-6 A – January, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	LT Category	Paisa/kWh	Paisa/kWh
1	Domestic (LT-I)		
A	BPL (0-30 Units)	76	5.45
B	Consumption > 30 Units per month		
i	1-100 Units	336	18.84
ii	101-300 Units	605	44.50
iii	301-500 Units	792	70.68
iv	500-1000 Units	878	69.97
v	Above 1000 Units	950	82.32
2	Non Domestic (LT-2)		
A	0-20 KW		
i	Educational Institutes and Hospitals		
a	0-200 Units	585	37.66
b	Above 200 units	838	49.89
ii	Others		
a	0-200 Units	585	
b	Above 200 units	838	
B	>20-50 KW	844	43.62
	>50 KW	1091	46.68
3	Public Water Works (LT-III)		
A	0-20 KW	235	11.87
B	20-40 KW	311	11.73
C	40-50 KW	420	16.17
4	Agriculture (LT-IV)		
A	Unmetered Tariff		
1	Zones with Consumption norm < 1318 Hrs/HP/Annum		
	A) 0-5 HP	215	5.59
	B) Above 5 HP	215	5.59



Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	LT Category	Paisa/kWh	Paisa/kWh
2	Zones with Consumption norm > 1318 Hrs/HP/Annum		
	A) 0-5 HP	264	12.16
	B) Above 5 HP	264	12.16
B	Metered Tariff (Including Poultry Farms)	210	8.75
5	LT Industries (LT-V)		
A	0-20 KW	506	26.15
B	Above 20 KW	701	25.93
6	Street Light (LT-VI)		
A	Grampanchayat A, B & C Class Municipal Council	412	20.64
B	Municipal corporation Area	500	16.38
7	Temporary Connection (LT-VII)		
A	Temporary Connection (Religious)	327	13.97
B	Temporary Connection (Other Purposes)	1507	64.38
8	Advertising and Hording (LT-VIII)	2077	74.66
9	Crematorium & Burial (LT-IX)	337	25.77
10	Public Services (LT X)		
	0-20 KW		
	0-200 Units	536	22.90
	Above 200 units	788	33.66
	>20-50 KW	779	33.28
	>50 KW	824	35.20



Table-6 B – January, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	HT Category	Paisa/kWh	Paisa/kWh
1	HT-I – Industries		
A	HT-I - Cont (Express Feeders)	701	31.57
B	HT-I - NonCont (Non Express Feeders)	633	21.71
C	HT-I - Seasonal Category	779	(29.76)
2	HT-II Commercial		
a	Express Feeder		
i	Education Institute and Hospitals	1045	54.08
ii	Other	983	54.08
b	Non-Express Feeder		
i	Education Institute and Hospitals	1045	52.25
ii	Other	983	52.25
3	HT-III Railways	781	29.72
4	HT-IV Public Water Works (PWW)		
A	Express Feeders	505	20.76
B	Non-Express Feeders	473	17.86
5	HT-V Agricultural	288	(16.58)
6	HT-VI Bulk Supply		
A	Residential Complex	482	19.09
B	Commercial Complex	821	35.07
7	Temporary Supply		
A	Religious	327	13.97
B	Other	1282	54.76
8	Public services(HT IX)		
A	Express Feeders	821	35.07
B	Non-Express Feeders	765	32.68

Table-6 A – February, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	LT Category	Paisa/kWh	Paisa/kWh
1	Domestic (LT-I)		
A	BPL (0-30 Units)	76	0.31
B	Consumption > 30 Units per month		
i	1-100 Units	336	0.35
ii	101-300 Units	605	12.66
iii	301-500 Units	792	29.91
iv	500-1000 Units	878	27.16
v	Above 1000 Units	950	38.58
2	Non Domestic (LT-2)		
A	0-20 KW		
i	Educational Institutes and Hospitals		
a	0-200 Units	585	8.69
b	Above 200 units	838	6.16
ii	Others		
a	0-200 Units	585	8.69
b	Above 200 units	838	6.16
B	>20-50 KW	844	6.00
	>50 KW	1091	(2.19)
3	Public Water Works (LT-III)		
A	0-20 KW	235	(2.53)
B	20-40 KW	311	(1.32)
C	40-50 KW	420	(7.54)
4	Agriculture (LT-IV)		
A	Unmetered Tariff		
1	Zones with Consumption norm < 1318 Hrs/HP/Annum		
	A) 0-5 HP	215	(1.42)
	B) Above 5 HP	215	(1.42)
2	Zones with Consumption norm > 1318 Hrs/HP/Annum		

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	LT Category	Paisa/kWh	Paisa/kWh
	A) 0-5 HP	264	(3.08)
	B) Above 5 HP	264	(3.08)
B	Metered Tariff (Including Poultry Farms)	210	(2.52)
5	LT Industries (LT-V)		
A	0-20 KW	506	(10.69)
B	Above 20 KW	701	(16.01)
6	Street Light (LT-VI)		
A	Grampanchayat A, B & C Class Municipal Council	412	(2.97)
B	Municipal corporation Area	500	(6.22)
7	Temporary Connection (LT-VII)		
A	Temporary Connection (Religious)	327	(3.53)
B	Temporary Connection (Other Purposes)	1507	(16.29)
8	Advertising and Hording (LT-VIII)	2077	(25.96)
9	Crematorium & Burial (LT-IX)	337	4.58
10	Public Services (LT X)		
	0-20 KW		
	0-200 Units	536	(5.79)
	Above 200 units	788	(8.52)
	>20-50 KW	779	(8.42)
	>50 KW	824	(8.91)

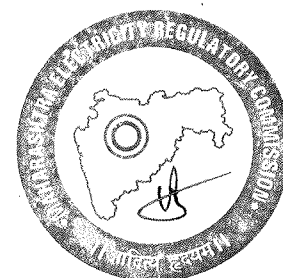


Table-6 B – February, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month
A	HT Category	Paisa/kWh	Paisa/kWh
1	HT-I – Industries		
A	HT-I - Cont (Express Feeders)	701	0.64
B	HT-I - NonCont (Non Express Feeders)	633	(9.71)
C	HT-I - Seasonal Category	779	(8.80)
2	HT-II Commercial		
a	Express Feeder		
i	Education Institute and Hospitals	1045	(8.42)
ii	Other	983	0.86
b	Non-Express Feeder		
i	Education Institute and Hospitals	1045	(8.42)
ii	Other	983	0.86
3	HT-III Railways	781	(5.63)
4	HT-IV Public Water Works (PWW)		
A	Express Feeders	505	(3.50)
B	Non-Express Feeders	473	(2.97)
5	HT-V Agricultural	288	(9.42)
6	HT-VI Bulk Supply		
A	Residential Complex	482	(10.90)
B	Commercial Complex	821	(8.87)
7	Temporary Supply		
A	Religious	327	(3.53)
B	Other	1282	(13.86)
8	Public services(HT IX)		
A	Express Feeders	821	(8.87)
B	Non-Express Feeders	765	(8.27)

Table-6 A – March, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month IN BILLING MONTH
A	LT Category	Paisa/kWh	Paisa/kWh
1	Domestic (LT-I)		
A	BPL (0-30 Units)	76	0.95
B	Consumption > 30 Units per month		
i	1-100 Units	336	2.08
ii	101-300 Units	605	(4.29)
iii	301-500 Units	792	2.89
iv	500-1000 Units	878	20.78
v	Above 1000 Units	950	45.76
2	Non Domestic (LT-2)		
A	0-20 KW		
i	Educational Institutes and Hospitals		
a	0-200 Units	585	11.98
b	Above 200 units	838	16.63
ii	Others		
a	0-200 Units	585	11.98
b	Above 200 units	838	16.63
B	>20-50 KW	844	11.38
	>50 KW	1091	2.03
3	Public Water Works (LT-III)		
A	0-20 KW	235	0.98
B	20-40 KW	311	3.35
C	40-50 KW	420	1.45
4	Agriculture (LT-IV)		
A	Unmetered Tariff		
1	Zones with Consumption norm < 1318 Hrs/HP/Annum		
	A) 0-5 HP	215	(6.57)
	B) Above 5 HP	215	(6.57)
2	Zones with Consumption norm > 1318 Hrs/HP/Annum		
	A) 0-5 HP	264	(28.76)



Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month IN BILLING MONTH
A	LT Category	Paisa/kWh	Paisa/kWh
	B) Above 5 HP	264	(28.76)
B	Metered Tariff (Including Poultry Farms)	210	(7.74)
5	LT Industries (LT-V)		
A	0-20 KW	506	5.57
B	Above 20 KW	701	2.21
6	Street Light (LT-VI)		
A	Grampanchayat A, B & C Class Municipal Council	412	(1.25)
B	Municipal corporation Area	500	0.35
7	Temporary Connection (LT-VII)		
A	Temporary Connection (Religious)	327	2.12
B	Temporary Connection (Other Purposes)	1507	9.77
8	Advertising and Hording (LT-VIII)	2077	10.80
9	Crematorium & Burial (LT-IX)	337	0.42
10	Public Services (LT X)		
	0-20 KW		
	0-200 Units	536	3.48
	Above 200 units	788	5.11
	>20-50 KW	779	5.05
	>50 KW	824	5.34



Table-6 B – March, 2013

Sr. No.	Categories	Approved Energy Charges	FAC to be Charged in the Billing Month IN BILLING MONTH
A	HT Category	Paisa/kWh	Paisa/kWh
1	HT-I – Industries		
A	HT-I - Cont (Express Feeders)	701	9.52
B	HT-I - NonCont (Non Express Feeders)	633	-0.22
C	HT-I - Seasonal Category	779	-41.44
2	HT-II Commercial		
a	Express Feeder		
i	Education Institute and Hospitals	1045	-26.41
ii	Other	983	-26.41
b	Non-Express Feeder		
i	Education Institute and Hospitals	1045	5.81
ii	Other	983	5.81
3	HT-III Railways	781	3.91
4	HT-IV Public Water Works (PWW)		
A	Express Feeders	505	2.42
B	Non-Express Feeders	473	1.74
5	HT-V Agricultural	288	-4.02
6	HT-VI Bulk Supply		
A	Residential Complex	482	-8.65
B	Commercial Complex	821	5.32
7	Temporary Supply		
A	Religious	327	2.12
B	Other	1282	8.31
8	Public services(HT IX)		
A	Express Feeders	821	5.32
B	Non-Express Feeders	765	4.96

