

**Ref. No. MERC/FAC/20112012/ 02328**

**Date : 16<sup>th</sup> December, 2011**

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

**Subject: Post Facto approval of FAC submission of MSEDCL for July 2011,**

**Reference: MSEDCL's FAC submission of month July 2011 received vide MSEDCL/PP/FAC/L7/33012 of 3<sup>rd</sup> November 2011**

Sir

Upon vetting the FAC calculations for the month of July, 2011 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) of Rs. 260.6337 Crore for July 2011 as detailed below.

The Commission has notified on 28<sup>th</sup> January 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 categorywise and slabwise 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.

The summary of the FAC claim for July, 2011 as approved by the Commission is shown in the Table below:-

**Table**

Sr No	Particulars	Unit	Approved
1	FAC incl of excess T&D Loss	Rs. Crore	454.0820
2	FAC recovered	Rs Crore	260.6337
3	FAC allowed to be carried forward to the next month for recovery in future	Rs Crore	191.8558
4	FAC rate	Paise/kWh	Proportionate. See Table-6A & 6B of Annexure attached with this letter
5	FAC rate (unmetered)		
5.1	-LT-Ag (>1318 hours per year)	Rs/hp/month	
5.2	-LT-Ag (<1318 hours per year)	Rs/hp/month	

Yours faithfully,  
Sd/-  
(Kuldip N. Khawarey)  
Secretary, MERC

**Encl :** Annexure :Detailed Vetting Report for July, 2011

**Cc as enclosed :**

Names and Addresses of Consumer Representatives authorized as per Section 94 (3) of the Electricity Act 2003

Prayas Energy Group, Amrita Clinic, Athawale Corner, Lakdipool-Karve Road Junction, Deccan Gymkhana, Karve Road, Pune 411 004.	The President, Mumbai Grahak Panchayat, Grahak Bhavan, Sant Dynyaneshwar 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 <sup>st</sup> floor, Udyog Bhawan, Civil Lines, Nagpur 440 001.

**Post Facto approval of FAC Charges for July 2011 submitted by MSEDCL**

**Reference:** MSEDCL's FAC submission of month July 2011 received vide MSEDCL/PP/FAC/L7/33012 of 3<sup>rd</sup> November 2011

**1. FAC submission by MSEDCL:**

- 1.1 Upon vetting the FAC calculations for the month of July 2011, submitted vide letter under above Reference and after taking cognizance of the clarifications furnished by MSEDCL to the queries raised by the Commission, the Commission has accorded post facto approval for the FAC amount for the said month as detailed below.

The Commission issued Tariff Order for MSPGCL, dated September 12, 2010 (Case 102 of 2009), for Truing up for FY 2008-09, Annual Performance Review for FY 2009-10 and Determination of Tariff for FY 2010-11.

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.

The Commission issued Tariff Order for MSEDCL, dated September 12, 2010 (Case 111 of 2009), approving principles of Annual Revenue Requirement (ARR) and Tariff for FY 2010-11 and has also mentioned about the parameters and mechanism for computation of FAC.

The Commission issued a Review Order on 2<sup>nd</sup> December 2010 in the matter of Case 69 of 2010, "Application under Regulation 85 of the MERC (Conduct of Business) Regulations, 2004, by Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL) seeking review of the Order dated 12th September, 2010 in Case No. 111 of 2009 in respect of MSEDCL's Annual Performance Review (APR) for FY 2009-10, true up for FY 2008-09 and ARR and Tariff Determination for FY 2010-11" whereby the Tariffs of various categories of Consumers were revised.

The Commission issued a Review Order on July 31, 2011 (Case 1 of 2011) pertaining to its Order dated September 12, 2010 in Case No. 102 of 2009 regarding approval of APR for the year 2009-10 and for determination of tariff and approval of ARR for the year 2010-11 of MSPGCL, whereby the Commission approved recovery of Rs 432.5 Crores from MSEDCL in a phased manner (monthly installment of Rs 72.08 Crores).

The Commission has notified on 28<sup>th</sup> January 2011 the Amendment Regulations for recovery of Fuel Adjustment Cost charges from the Consumers in a proportionate basis.

The Commission has taken cognisance of the directives issued in all the above orders and has accordingly approved FAC charges for the month of July 2011 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.

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.

- 1.2 Regarding purchase of power from the external sources, the Commission has considered power purchase sources and rates based on the APR Order dated September 12, 2010, which were effective from September 2010 onwards. The payment of arrears already paid by MSEDCL to NTPC on account of revision of tariffs. have been vetted.

## 2. Details of approval:

### 2.1 Approval :

The Commission has accorded post facto approval for the FAC amount of (net of T & D loss), **Rs. 260.6337** Crores for the month July 2011. The summary of the FAC claim for July 2011 as approved by the Commission is shown in the Table below:-

**Table -1**

Sr No	Particulars	Unit	Approved
1	FAC incl of excess T&D Loss	Rs. Crore	454.0820
2	FAC recovered	Rs Crore	260.6337
3	FAC allowed to be carried forward to the next month for recovery in future	Rs Crore	191.8558
4	FAC rate	Paise/kWh	Proportionate. See Table-6A & 6B of Annexure attached with this letter
5	FAC rate (unmetered)		
5.1	-LT-Ag (>1318 hours per year)	Rs/hp/month	
5.2	-LT-Ag (<1318 hours per year)	Rs/hp/month	

After the apportionment, the under-recovered FAC amount to be carried forward to the next month, is Rs 191.8558 Crore

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

### a) Generation by MSPGCL stations:

The Plant Load factor at MSPGCL Thermal power stations, except Khaparkheda TPS for the Month July 2011 was less than 80%.

As against approved generation of 4747.95 MU (all thermal, gas, Hydro plants, excl Parli 6 & Paras 3), the Actual gross generation was 3051.53 MU.

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 APR Order of MSPGCL of 12<sup>th</sup> September 2010 (Case 102 of 2009) and in conformity with the directions given in the Commission's letter MERC/MON/FAC/MSEDCL/09/2637 dated November 20, 2009

The summary of fuel related costs for the month July 2011 for existing generating stations of MSPGCL as approved by the Commission after detail vetting, is shown in the Table below:

**Table-2**

<b>Sr No</b>	<b>Detail</b>	<b>Unit</b>	
1	Actual Fuel Cost	Rs Crore	581.4897
2	Normative Actual Fuel cost	Rs Crore	498.2170
3	Net Generation	MU	2361.85
4	Approved variable cost of generation (Order)	Rs./kWh	1.753767
5	Actual average variable cost of generation	Rs./kWh	2.46
6	Average Normative variable cost of generation	Rs./kWh	2.1094
7	Change in variable cost of generation = $\{(3) \times [(6)-(4)]\} / 10$	Rs. Crore	83.9401

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 APR order of MSEDCL of September 12, 2010 (Case 111 of 2009) which is applicable from September, 2010 (See Appendix).

MSEDCL has submitted the data for the power purchase certified by Chartered Accountant.

The details of power purchase by MSEDCL for July 2011 are given below

**Table-3**

<b>S.No</b>	<b>Details</b>	<b>Unit</b>	<b>July 2011</b>
1	Net Energy Purchase	MU	4537.14
2	Variable Cost of Energy purchased	Rs Crore	1066.9971
3	Average Rate of energy purchased	Rs./kWh	2.35
4	Approved Rate for Energy purchase (Order)	Rs./kWh	2.31

**c) Unscheduled Interchange (UI) Charges:**

MSEDCL has sold 41 MU through UI at avg rate of Rs. 3.84 per kWh, in July 2011. The net cost of UI sale was Rs. 15.5743 Crore.

**d) Scheduled Energy Received in grid through Imports from various regions and losses:**

MSEDCL has claimed losses in power purchase through grid at (140) MU in July 2011 as the difference between the Scheduled Energy (including UI) and Actual sale.

The Commission has considered the losses in the grid as submitted by MSEDCL.

Metered sales in July 2011 are 5604.66 MU against Order value (monthly) of 5284 MU and Unmetered sales (estimated) is 889.60 MU. Against the Order value (average monthly estimation) of 589 MU.

**e) Interest on working capital –**

MSEDCL has mentioned that 10.25% is the rate of Interest for working capital. 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. As per APTEL judgment, interest on the difference of normative actual cost and approved cost of fuel in a month is eligible for payment through FAC mechanism, in case such claim is made along with supportive documentation. Else it will be addressed through the Annual True-up.

**f) Arrears of cost of Energy Procured**

In its FAC submission for July 2011, MSEDCL has also included the amount it has paid to NTPC towards price variation of power procurement in year 2009-10, as follows :

Rs - 424.50 Crores towards variations in Variable cost

Rs. 548.48 Crores towards variation in Fixed Cost

Net Variation Rs. 147.58 Crores.

Detailed scrutiny of the said claim of MSEDCL was made. Meetings were held with MSEDCL personnel on 14<sup>th</sup> November 2011, 17<sup>th</sup> November 2011 and 5<sup>th</sup> December 2011 at the Commission's office. MSEDCL submitted the detailed audited tabulations of the said transactions which was scrutinised.

MSEDCL clarified that although, as per MERC Tariff Regulations, any variations in Variable costs on account of change in fuel price are addressed through FAC mechanism and any changes in Fixed costs are addressed through Truing up mechanism, the said costs which have been expressed by NTPC as Fixed costs have arisen due to accounting change by the supplier who have expressed the Secondary oil fuel costs as "Fixed Costs" which were hitherto expressed as "Variable costs"

Regarding Fuel price adjustment, the relevant excerpt from MERC Tariff regulations 2005 is as follows :

**82.3** *The FAC charge shall be computed and charged on the basis of actual variation in fuel costs relating to power generated from own generation stations and power procured during any month subsequent to such costs being incurred, in accordance with these Regulations, and shall not be computed on the basis of estimated or expected variations in fuel costs.*

Accordingly, as the above arrears have already been paid by MSEDCL to the supplier, these are not estimated costs and hence the costs incurred as above are eligible for claiming through FAC mechanism

It is to be noted that the possibility of such revisions to be effected post facto by NTPC were discussed in the last Tariff Order issued to MSEDCL in Case 111 of 2009 as follows, which is in line with the Regulations cited above :

***"4.5 Energy Availability and Power Purchase cost for FY 2009-10 and FY 2010-11***

.....

.....

*"MSEDCL submitted that it has considered fixed charges and variable charges including Fuel Price Adjustment (FPA) for CGS on the basis of Central Electricity Regulatory Commission (CERC) Order for FY 2008-09, as CERC has not yet finalized tariff for FY 2009-10 and it is difficult to accurately estimate fixed charges and energy charges. MSEDCL stated that the Commission has allowed MSEDCL in the Tariff Order dated August 17, 2009, to recover the changes in variable cost of power through FAC and the fixed cost would have to be adjusted at the time of truing up for 2009-10. However, since the amount of differential fixed charges would be substantial; being revision of bills for nearly one year and adjustment of this amount in truing up will take 1-1/2 years, it will affect MSEDCL's cash flow adversely. MSEDCL therefore, requested to allow to recover this fixed charges also through FAC in the year in which it is paid, or in the alternative, permit to recover the same by way of an "additional charge" sufficient to compensate the impact of revision in tariff for FY 2009-10.*

.....  
 .....  
 .....  
 “As regards MSEDCL’s request that any variation in the tariff based on the CERC (Terms and Conditions of Tariff) Regulations, 2009 should be allowed as a pass through under the FAC mechanism, the Commission is of the view that any variation in the power purchase cost on account of change in the fixed cost would have to be adjusted at the time of the next tariff determination process and any change in the variable cost of power purchase from Central Generating Stations should be considered as a part of the FAC.”

On the basis of the above Regulations and the view taken by the Commission in MSEDCL’s Tariff Order, it is recommended that MSEDCL may be permitted to include the above net cost of Rs 147.58 Crores for recovery through FAC of July 2011

g). **Adjustment factor**

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

**Table-4**  
**Adjustment Factor – July 2011**

<b>Sr. No.</b>	<b>Parameter</b>	<b>Unit</b>	<b>Value</b>
(A)	(B)	(C)	(D)
<b>1.0</b>	<b>Adjustment for over-recovery/under-recovery ('B')</b>		
1.1	Incremental cost allowed to be recovered in Month <b>(April 2011)</b>	Rs Cr	As per table 6A & 6B And Table 5
1.2	Incremental cost in Month j-4 actually recovered in month j-2 <b>(July 2011)</b>	Rs Cr	As per table 6A & 6B And Table 5
1.3	C/f Diff of Last Month Due to Category wise and Slab wise FAC	Rs Cr	41.2996
	Over-recovery/under-recovery	Rs Cr	41.2996
<b>2.0</b>	Adjustment for Tariff Revision	Rs Cr	147.58
<b>3.0</b>	<b>Adjustment factor for over-recovery/under-recovery</b>	Rs Cr	188.88

**4. Transmission and Distribution Loss:**

**Transmission Loss:**

In the FAC submission, MSEDCL has reported Transmission loss in its system as 3.36%, against approved order value of 4.85%.



**Distribution loss:**

For the month July 2011, MSEDCL has reported 9.61 % Distribution Loss. Thereby, the Cumulative Distribution loss upto the month July 2011 is 15.57 %, against approved Distribution loss of 17.20%.

As the reported distribution loss (cumulative upto the month) is less than the stipulated limit value of Distribution loss for the FY, no deductions has been made from FAC charges of July 2011.

**5. Energy Sales for within License area:**

The energy sales within licence area as submitted by MSEDCL for the months July 2011, 6461.64 MU, and the same is approved by the Commission.

**6. Summary :**

The summary of the FAC amount as approved by the Commission for the month July 2011 is shown in the Tables below:-

The Commission has approved FAC chargeable in July 2011 as Rs 260.6337 Crore and has allowed to be carried forward to the next month for recovery, .Rs. 191.8558 Crore, arrived at as the sum of the following quantities:

- a) difference between FAC allowed to be recovered in April 2011 (month j-5) and the FAC actually recovered in July 2011
- 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 and
- c) excess amount above cap applied to any categories.

**Table-5**

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	18,246.76
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	14,758.31
1.7	FAC (A) = C + I + B	Rs Lakh	33,005.07
2.0	Calculation of FACKWh		
2.1	Sale within License Area	MU	6,461.64
2.2	Excess T&D Loss	MU	-
2.3	FAC Charge (FACKWh) without considering cap on monthly FAC Charge	Paise/kWh	51.08
2.4	Cap on monthly FAC Charge	Paise/kWh	51.08
2.5	FAC Charge (FACKWh) considering cap on monthly FAC Charge	Rs/kWh	0.5108
3.0	FAC (A)		
3.1	FAC (A) considering cap on Monthly FAC Charge	Rs Lakh	33,005.07
3.2	FAC (A) disallowed corresponding to excess T&D loss	Rs Lakh	-
3.3	FAC (A) charged as per 8.3 categorywise and slabwise	Rs Lakh	29,115.48
3.4	C/f from Previous month	Rs Lakh	12,162.76
3.5	Under/over recovery from 6.6 statement	Rs Lakh	4,129.96
3.6	Total FAC to be charged in current month	Rs Lakh	45,408.20
3.7	Actual FAC charged in current month categorywise and slabwise	Rs Lakh	26,063.37
3.9	Carried forward FAC (A) for recovery during future period	Rs Lakh	19,185.58

## **7. Recovery from Consumers :**

As notified on 28<sup>th</sup> 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 July 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 July 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<sub>Cat Rs/kWh</sub> = (FAC / (Metered sales + Unmetered consumption estimates + Excess distribution losses)) \* K \* 10*

*Where:*

*FAC<sub>Cat</sub> = FAC for a particular tariff category/sub-category/consumption slab in ‘Rupees per kWh’ terms.*

*K = (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”, which is tabulated below :

The applicable “K” factor for each category and tariff slab is calculated on the basis of the following figures arrived at from the above tables :

- Average FAC for consumers in Licensed area: paise 57.45 /kWH,
- Average cost of supply: Rs 4.55/kWH
- The energy charges shall be as approved by the Commission vide the Order of 2<sup>nd</sup> December 2010 in the matter of Case 69 of 2010.

It is seen from the tabulation that on an average MSEDCL has recovered Rs 260.6337 Crores and Rs 191.8558 Crores is carried forward to next month for recovery in future.

**Table-6 A**

Sr. No.	Categories	Approved energy charges	FAC TO BE CHARGED IN BILLING MONTH
<b>A</b>	<b>LT Category</b>	<b>Rs/kWH</b>	<b>PAISA/KWH</b>
<b>1</b>	<b>Domestic (LT-I)</b>		
A	BPL (0-30 Units)	0.82	<b>8.20</b>
<b>B</b>	<b>Consumption &gt; 30 Units per month</b>		
i	1-100 Units	2.61	<b>26.10</b>
ii	101-300 Units	4.61	<b>46.10</b>
iii	301-500 Units	6.59	<b>65.90</b>
iv	500-1000 Units	7.65	<b>76.50</b>
v	Above 1000 Units	7.91	<b>79.10</b>
	<b>Sub Total Domestic</b>		
<b>2</b>	<b>Non Domestic (LT-2)</b>		
A	<b>0-20 KW</b>		
i	<b>Educational institute and Hospitals</b>		
a	0-200 Units	4.54	<b>45.40</b>
b	Above 200 units	6.33	<b>63.30</b>
ii	<b>Others</b>		
a	0-200 Units	4.75	<b>47.50</b>
b	Above 200 units	6.81	<b>68.10</b>
B	<b>&gt;20-50 KW</b>	6.86	<b>68.60</b>
	<b>&gt;50 KW</b>	8.86	<b>88.60</b>
<b>3</b>	<b>Public Water Works (LT-III)</b>		
A	0-20 KW	1.81	<b>18.10</b>
B	20-40 KW	2.34	<b>23.40</b>
C	40-50 KW	3.19	<b>31.90</b>
<b>4</b>	<b>Agriculture (LT-IV)</b>		
A	Unmetered Tariff		
1	Zones with Consumption norm < 1318 Hrs/HP/Annum 980 Hrs basis		
	A) 0-5 HP	2.16	<b>13.16Rs/HP</b>
	B) Above 5 HP	2.16	<b>13.16Rs/HP</b>
2	Zones with Consumption norm > 1318 Hrs/HP/Annum 1734 Hrs basis		
	A) 0-5 HP	2.53	<b>27.28 Rs/HP</b>

Sr. No.	Categories	Approved energy charges	FAC TO BE CHARGED IN BILLING MONTH
	B) Above 5 HP	2.53	27.28 Rs/HP
B	<b>Metered Tariff (Including Poultry Farms)</b>	1.62	<b>16.20</b>
<b>5</b>	<b>LT Industries (LT-V)</b>		
A	0-20 KW	4.12	<b>41.20</b>
B	Above 20 KW	5.70	<b>57.00</b>
	<b>TOD Consumption</b>		
	2200 Hrs-0600 Hrs		
	0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs		
	0900 Hrs-1200 Hrs		
	1800 Hrs-2200 Hrs		
<b>6</b>	<b>Street Light (LT-VI)</b>		
A	Grampanchayat A, B & C Class Municipal Council	3.27	<b>32.70</b>
B	Municipal corporation Area	3.90	<b>39.00</b>
<b>7</b>	<b>Temporary Connection (LT-VII)</b>		
A	Temporary Connection (Religious)	2.66	<b>26.60</b>
B	Temporary Connection (Other Purposes)	12.13	<b>121.30</b>
<b>8</b>	<b>Advertising and Hording (LT-VIII)</b>	16.88	<b>168.80</b>
<b>9</b>	<b>Crematorium &amp; Burial (LT-IX)</b>	2.66	<b>26.60</b>

**Table 6- B**

Sr. No.	Categories	Approved energy charges	FAC TO BE CHARGED IN BILLING MONTH
		Rs/kWH	
	<b>HT-I - Industries</b>		
A	HT-I - Cont (Express Feeders)	5.56	<b>55.60</b>
B	HT-I - NonCont (Non Express Feeders)	5.06	<b>50.60</b>
C	HT-I - Seasonal Category	6.23	<b>62.30</b>
<b>2</b>	<b>HT-II Commercial</b>		
a	<b>Express Feeder</b>		
i)	Educaton Institute and Hospitals	8.07	<b>80.70</b>
ii)	Other	8.39	<b>83.90</b>
b	<b>B) Non-Express Feeder</b>		
i)	Educaton Institute and Hospitals	7.54	<b>75.40</b>
ii)	Other	7.86	<b>78.60</b>
<b>3</b>	<b>HT-III Railways</b>	6.12	<b>61.20</b>
<b>4</b>	<b>HT-IV Public Water Works (PWW)</b>		
A	Express Feeders	3.96	<b>39.60</b>
B	Non-Express Feeders	3.80	<b>38.00</b>
<b>5</b>	<b>HT-V Agricultural</b>	2.27	<b>22.70</b>
<b>6</b>	<b>HT-VI Bulk Supply</b>		
A	Residential Complex	3.93	<b>39.30</b>
B	Commercial Complex	6.65	<b>66.50</b>
<b>9</b>	<b>Temporary Supply</b>	10.12	<b>101.20</b>
	<b>TOTAL HT Category</b>	<b>Rs Lakhs</b>	<b>11706.39</b>
	<b>TOTAL LT Category</b>	<b>Rs Lakhs</b>	<b>14356.98</b>
	<b>GRAND TOTAL</b>	<b>Rs Lakhs</b>	<b>26063.37</b>
	<b>Actual FAC to Be levied</b>	<b>Rs Lakhs</b>	<b>45408.20</b>
	<b>Under-recovery to be carried fwd to next month</b>	<b>Rs Lakhs</b>	<b>19185.58</b>

## APPENDIX

Assumptions/Norms as per APR order for MSPGCL dated September 12, 2009 (Case 102 of 2009),

### 1 Summary of New Norms:

#### 1.1 Purchases from MSPGCL:

Station	Net Gen (MUs)	Energy Charge as per Order (Rs/kWh)	Approved Heat Rate applicable for FY 2010-11 kCal/kWH	Approved Auxiliary Consumption for FY 2010-11 %
Khaparkheda	5,458.81	1.77	2559.9	9.74
Paras	337.45	1.82	3186.5	12.45
Bhusawal	2,946.27	2.1	2733.9	10.55
Nasik	5,394.24	2.22	2721.9	10.95
Parli	4,172.35	1.91	2744.6	11.15
Koradi	6015.64	1.61	2964.8	10.70
Chandrapur	14,898.24	1.56	2617	9.15
Paras -3	1,594		2500	9.0
Parli -6	1,594		2500	9.0
Uran	5745.20	1.68	1980	2.40

## 1.2 Purchases

Particulars	Approved MU Annual	Approved Variable Cost (Rs./kWh)
<b>MSPGCL</b>	<b>50490</b>	
Korba STP	5096	0.69
Vindhayanchal STP I	3395	1.02
Vindhayanchal STP II	2652	1.24
Vindhayanchal STP III	2211	1.45
KAWAS APM	1345	1.30
GANDHAR APM	1314	2.52
Farakka STPP-EP	129	2.23
Kahalgaon TPS-EP	61	2.50
KahalgaonTPS-II	511	2.13
TSTPS-EP	84	1.01
Sipat Stage - II	2242	1.65
<b>NTPC</b>	<b>19040</b>	<b>1.25</b>
Kakrapar APP	368	2.15
Tarapur APP 1&2	1206	0.94
Tarapur APP 3&4	1934	2.73
<b>NPCIL</b>	<b>3507</b>	<b>2.05</b>
Saradar Sarovar Project	635	2.05
PENCH	240	2.05
U.I. CHARGES	0	3.00
DODSON-I	21	2.99
DODSON-II	43	
RGPPL	11000	2.88
<b>TOTAL PP</b>	<b>23423</b>	
NCE Sources	4114	
CPPs	392	