

Ref. No. MERC/FAC/20112012/ 02866

Date : March 9, 2012

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 submission of MSEDCL for October 2011

Reference: MSEDCL's FAC submission of month October 2011 received vide MSEDCL/PP/FAC/L/2504 of 25th January 2012

Sir

Upon vetting the FAC calculations for the month of November, 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. **236.9256** Crore for October 2011, as detailed below.

The Commission has notified on 28th 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 October, 2011 as approved by the Commission is shown in the Tables below:-

Table-1 (October 2011)

| Sr No | Particulars | Unit | Approved |
|----------|--|-------------|--|
| 1 | FAC (A) considering cap on Monthly FAC Charge | Rs Crore | 407.4147 |
| 2 | FAC (A) disallowed corresponding to excess T&D loss | Rs Crore | - |
| 3 | FAC (A) charged as per catagorywise and slabwise | Rs Crore | 364.3698 |
| 4 | C/f from Previous month . | Rs Crore | 365.4704 |
| 5 | Under/over recovery from 6.6 statement 3. | Rs Crore | 36.3521 |
| 6 | Total FAC to be charged in current month 4=(1+2+3) | Rs Crore | 766.1923 |
| 7 | Actual FAC charged in current month catagorywise and slabwise 5. | Rs Crore | 236.9256 |
| 8 | Carried forward FAC (A) for recovery during future period (4-5) | Rs Crore | 529.2668 |
| 5 | FAC rate | 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,

(Kuldip N. Khawarey)
Secretary, MERC

Encl : Annexure :Detailed Vetting Report for October 2011

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, 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 st floor, Udyog Bhawan, Civil Lines, Nagpur 440 001. |

Post Facto approval of FAC Charges for October 2012 submitted by MSEDCL

Reference: MSEDCL's FAC submission of month October 2011 received vide **MSEDCL/PP/FAC/L7/2504 of 25th January 2012**

1. FAC submission by MSEDCL:

- 1.1 Upon vetting the FAC calculations for the month of October 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 2nd 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 October 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 (6 Nos. monthly installment of Rs 72.08 Crores from January 2011 to June 2011).

The Commission has notified on 28th 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 October 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. As power purchased from Korba III and Sipat Unit 1 unit of NTPC is not in “approved sources” list, of the Tariff Order issued to MSPGCL, the total power purchase cost for the same is claimed through FAC.
- 1.3 Refund of Rs. 10.26 Crores per month to non ZLS consumers (over total 9 month period) has been considered (Ref Item 2.2 of Table 5 below)

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. 236.9256 Crores** for the month October 2011. The summary of the FAC claim for October 2011 as approved by the Commission is shown in the Table below:-

Table -1

| S r No | Particulars | Unit | Approved |
|-----------|--|-----------------|-----------------|
| 1 | FAC (A) considering cap on Monthly FAC Charge | Rs Crore | 407.4147 |
| 2 | FAC (A) disallowed corresponding to excess T&D loss | Rs Crore | - |
| 3 | FAC (A) charged as per catagorywise and slabwise | Rs Crore | 364.3698 |
| 4 | C/f from Previous month 2. | Rs Crore | 365.4704 |
| 5 | Under/over recovery from 6.6 statement 3. | Rs Crore | 36.3521 |
| 6 | Total FAC to be charged in current month 4=(1+2+3) | Rs Crore | 766.1923 |
| 7 | Actual FAC charged in current month catagorywise and slabwise 5. | Rs Crore | 236.9256 |
| 8 | Carried forward FAC (A) for recovery during future period (4-5) | Rs Crore | 529.2668 |

After the apportionment, the under-recovered FAC amount to be carried forward to the next month, is Rs 529.2668 Crore

3. 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 at MSPGCL Thermal power stations, for the Month October 2011 was less than 80%. The highest PLF was of Khaparkheda TPS, which was 75.51 %

As against approved gross generation of 5040.02 MU (all thermal, gas, Hydro plants, excl Parli 6 & Paras 3), the Actual gross generation was 3598.13MU.

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 12th 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 October 2011 for existing generating stations of MSPGCL as approved by the Commission after detail vetting, is shown in the Table below:

Table-2

| Sr No | Detail | Unit | |
|--------------|--|-------------|------------|
| 1 | Actual Fuel Cost | Rs Crore | 665.1287 |
| 2 | Normative Actual Fuel cost | Rs Crore | 605.2058 |
| 3 | Net Generation | MU | 2783.73 |
| 4 | Approved variable cost of generation (Order) | Rs./kWh | 1.755 |
| 5 | Actual average variable cost of generation | Rs./kWh | 2.39 |
| 6 | Average Normative variable cost of generation | Rs./kWh | 2.17 |
| 7 | Change in variable cost of generation = $\{(3) \times [(6)-(4)]\} / 10$ | Rs. Crore | 115.501968 |

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 October 2011 are given below

Table-3

| S.No | Details | Unit | October 2011 |
|-------------|---|-------------|---------------------|
| 1 | Net Energy Purchase | MU | 4527.59 |
| 2 | Variable Cost of Energy purchased | Rs Crore | 1920.6929 |
| 3 | Average Rate of energy purchased | Rs./kWh | 2.77 |
| 4 | Approved Rate for Energy purchase (Order) | Rs./kWh | 2.31 |

c) Unscheduled Interchange (UI) Charges:

MSEDCL has procured 74 MU through UI at avg rate of Rs. 7.28 per kWh, in October 2011. The net cost of UI purchase was Rs. 53.9631 Crore.

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

MSEDCL has claimed losses in power purchase through grid at (266) MU in October 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.

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 vide 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 4

| S.No. | Detail | Unit | Qty | Ref FAC submission Form |
|--------------|---|-------------|------------|--|
| 1 | Total Energy Sales excluding Energy Sales corresponding to specific utilisation of a particular Unit/Station as per Order (1.0 + 2.0) | MU | 5448.46 | 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 | MU | 774.823 | Sum of assessed energy sold in FAC submission Form 1.2 |
| 3 | Less Credit for HT injections, temporary supply, interstate etc | MU | -58.19844 | Entry with explanation in FAC submission Form 7.1, for item No.1 |
| 4 | Total of item 1 and 2 | MU | 6223.283 | |
| 5 | Grand total of items 1,2 and 3 | MU | 6165.08 | Item 2.1 of FAC submission form 8.1 |

Order Values : Metered sales 5284.25 MU; Unmetered sales : 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). **Adjustment factor**

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

Table-5A
Adjustment Factor – October 2011

| Sr. No. | Parameter | Unit | Value |
|----------------|---|-------------|--------------|
| (A) | (B) | (C) | (D) |
| 1.0 | Adjustment for over-recovery/under-recovery ('B') | | |
| 1.1 | Incremental cost allowed to be recovered in Month (Oct 11) | Rs Lakh | 26,063.37 |
| 1.2 | Incremental cost in Month j-4 actually recovered in month j-2 (Jly -2011) | Rs Lakh | 22,428.00 |
| 1.4 | Over-recovery/under-recovery (1.2-1.1) | Rs Lakh | 3,635.21 |
| | | | |
| 2.0 | C/F and refunds | | |
| 2.1 | c/F DUE TO FORMULA ERROR in September | Rs Lakh | 2,229.17 |
| 2.2 | refund to the non beneficiary consumers of ZLS Scheme in 6 instalment (2nd Instalment) | Rs Lakh | 1,026.00 |
| | | | |
| 3.0 | Adjustment factor for over-recovery/under-recovery (1.3+2.0) | Rs Lakh | 1,203.17 |

4. **Transmission and Distribution Loss:**

Transmission Loss:

In the FAC submission, MSEDCL has reported Transmission loss in the system as 2.34%, against approved order value of 4.85%. This appears erroneous.

Explanation : The Transmission loss reported by MSEDCL is based on the figures of power injected at G<>T interface of MSETCL and T<>D interface between MSETCL<> MSEDCL. Considering the above fact, the said transmission loss is not for the entire InSTS. However, considering the overall size of MSETCL as compared to the other licensees in InSTS (MSETCL being dominant sized player), the value 2.34% appears erroneous

Distribution loss:

For the month October 2011, MSEDCL has reported 21.15 % Distribution Loss. Thereby, the Cumulative Distribution loss upto the month October 2011 is 15.52 %, 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 October 2011.

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, for the months October 2011, 6165.08 MU, (Refer Item 5 of Table 4 above), and the same is approved by the Commission.

6. Summary :

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

The Commission has approved FAC chargeable in October 2011 as Rs 236.9256 Crore and has allowed to be carried forward to the next month for recovery, .Rs. 529.2668 Crore, arrived at as the sum of the following quantities:

- a) difference between FAC allowed to be recovered in July2011 (month j-5) and the FAC actually recovered in October 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.
- d) carried forward amount from the previous month
- e) Formula error of September 2011 FAC submission in Form 8.3

This is approved

Table-5B

| 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 | 39,538.30 |
| 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 | 1,203.17 |
| 1.7 | FAC (A) = C + I + B | Rs Lakh | 40,741.47 |
| 2.0 | Calculation of FAC_{kWh} | | |
| 2.1 | Sale within License Area | MU | 6,165.08 |
| 2.2 | Excess T&D Loss | MU | - |
| 2.3 | FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge | Paise/kWh | 66.08 |
| 2.4 | Cap on monthly FAC Charge | Paise/kWh | 66.08 |
| 2.5 | FAC Charge (FAC_{kWh}) considering cap on monthly FAC Charge | Rs/kWh | 0.6608 |
| 3.0 | FAC (A) | | |
| 3.1 | FAC (A) considering cap on Monthly FAC Charge | Rs Lakh | 40,741.47 |
| 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 1 | Rs Lakh | 36,436.98 |
| 3.4 | C/f from Previous month 2. | Rs Lakh | 36,547.04 |
| 3.5 | Under/over recovery from 6.6 statement 3. | Rs Lakh | 3,635.21 |
| 3.6 | Total FAC to be charged in current month 4=(1+2+3) | Rs Lakh | 76,619.23 |
| 3.7 | Actual FAC charged in current month categorywise and slabwise 5. | Rs Lakh | 23,692.56 |
| 3.8 | Carried forward FAC (A) for recovery during future period (4-5) | Rs Lakh | 52,926.68 |

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 October 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 October 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 Rs/kWh} = (FAC / (Metered sales + Unmetered consumption estimates + Excess distribution losses)) * K * 10*

Where:

FAC_{Cat} = 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”,

As the FAC has been limited to the cap of 10% of the energy charge at each consumer slab/category, because of the energy consumption of the respective categories being at slight plus or minus variances as compared to the Order values, in spite of the fact that the FAC in certain categories has reached the cap values, the average FAC has not reached the cap value Rs. 0.455/kWh

Table 5C

| S.No | Detail | Unit | Qty |
|-------------|--|---------------|-------------|
| 1 | Sales in licensed area | | 6165.08 |
| 2 | FAC(A) =C+I+B | Rs Lakh | 40,741.47 |
| 3 | FAC (A) disallowed corresponding to excess T&D loss | Rs Lakh | - |
| 4 | FAC kWh | Rs/kWh | 0.66 |
| 5 | FAC (A) charged as per 8.3 categorywise and slabwise 1 | Rs Lakh | 36,436.98 |
| 6 | C/f from Previous month 2. | Rs Lakh | 36,547.04 |
| 7 | Under/over recovery from 6.6 statement 3. | Rs Lakh | 3,635.21 |
| 8 | Total FAC to be charged in current month [8=(1+2+3)] | Rs Lakh | 76,619.23 |
| 9 | Total FAC | Rs/kWh | 1.24 |
| 10 | Actual FAC charged in current month categorywise and slabwise 5. | Rs Lakh | 23,692.56 |
| 11 | FAC charged | Rs/kWh | 0.38 |
| 12 | Carried forward FAC (A) for recovery during future period (4-5) | Rs Lakh | 52,926.68 |

Table-6 A

| Sr. No. | Categories | Approved energy charges | FAC TO BE CHARGED IN BILLING MONTH |
|----------|--|-------------------------|------------------------------------|
| A | LT Category | Rs/kWH | PAISA/KWH |
| 1 | Domestic (LT-I) | | |
| A | BPL (0-30 Units) | 0.82 | 8.10 |
| B | Consumption > 30 Units per month | | |
| i | 1-100 Units | 2.61 | 25.70 |
| ii | 101-300 Units | 4.61 | 45.50 |
| iii | 301-500 Units | 6.59 | 65.10 |
| iv | 500-1000 Units | 7.65 | 75.50 |
| v | Above 1000 Units | 7.91 | 78.10 |
| | Sub Total Domestic | | |
| 2 | Non Domestic (LT-2) | | |
| A | 0-20 KW | | |
| i | Educational institute and Hospitals | | |
| a | 0-200 Units | 4.54 | 44.80 |
| b | Above 200 units | 6.33 | 62.50 |
| ii | Others | | |
| a | 0-200 Units | 4.75 | 46.90 |
| b | Above 200 units | 6.81 | 67.20 |
| B | >20-50 KW | 6.86 | 67.70 |
| | >50 KW | 8.86 | 87.50 |
| 3 | Public Water Works (LT-III) | | |
| A | 0-20 KW | 1.81 | 17.90 |
| B | 20-40 KW | 2.34 | 23.10 |
| C | 40-50 KW | 3.19 | 31.40 |
| 4 | Agriculture (LT-IV) | | |
| A | Unmetered Tariff | | |
| 1 | Zones with Consumption norm < 1318 Hrs/HP/Annum 980 Hrs basis | | |
| | A) 0-5 HP | 2.16 | 13 Rs/HP |
| | B) Above 5 HP | 2.16 | 13 Rs/HP |
| 2 | Zones with Consumption norm > 1318 Hrs/HP/Annum 1734 Hrs basis | | |

| Sr. No. | Categories | Approved energy charges | FAC TO BE CHARGED IN BILLING MONTH |
|----------|---|-------------------------|------------------------------------|
| | A) 0-5 HP | 2.53 | 26.95 Rs/HP |
| | B) Above 5 HP | 2.53 | 26.95 Rs/HP |
| | | | |
| | | | |
| | | | |
| B | Metered Tariff (Including Poultry Farms) | 1.62 | 16.00 |
| 5 | LT Industries (LT-V) | | |
| A | 0-20 KW | 4.12 | 40.60 |
| B | Above 20 KW | 5.70 | 56.20 |
| | TOD Consumption | | |
| | 2200 Hrs-0600 Hrs | | |
| | 0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs | | |
| | 0900 Hrs-1200 Hrs | | |
| | 1800 Hrs-2200 Hrs | | |
| 6 | Street Light (LT-VI) | | |
| A | Grampanchayat A, B & C Class Municipal Council | 3.27 | 32.30 |
| B | Municipal corporation Area | 3.90 | 38.50 |
| 7 | Temporary Connection (LT-VII) | | |
| A | Temporary Connection (Religious) | 2.66 | 26.20 |
| B | Temporary Connection (Other Purposes) | 12.13 | 119.80 |
| 8 | Advertising and Hording (LT-VIII) | 16.88 | 166.60 |
| 9 | Crematorium & Burial (LT-IX) | 2.66 | 26.20 |

Table 6- B

| Sr. No. | Categories | Approved energy charges | FAC TO BE CHARGED IN BILLING MONTH |
|----------|--|-------------------------|------------------------------------|
| | | Rs/kWH | |
| | HT-I - Industries | | |
| A | HT-I - Cont (Express Feeders) | 5.56 | 54.90 |
| B | HT-I - NonCont (Non Express Feeders) | 5.06 | 50.00 |
| C | HT-I - Seasonal Category | 6.23 | 61.40 |
| 2 | HT-II Commercial | | |
| a | Express Feeder | | |
| i) | Educaton Institute and Hospitals | 8.07 | 79.70 |
| ii) | Other | 8.39 | 82.80 |
| b | B) Non-Express Feeder | | |
| i) | Educaton Institute and Hospitals | 7.54 | 74.50 |
| ii) | Other | 7.86 | 77.60 |
| 3 | HT-III Railways | 6.12 | 60.40 |
| 4 | HT-IV Public Water Works (PWW) | | |
| A | Express Feeders | 3.96 | 39.10 |
| B | Non-Express Feeders | 3.80 | 37.50 |
| 5 | HT-V Agricultural | 2.27 | 22.40 |
| 6 | HT-VI Bulk Supply | | |
| A | Residential Complex | 3.93 | 38.70 |
| B | Commercial Complex | 6.65 | 65.60 |
| 9 | Temporary Supply | 10.12 | 101.20 |
| | TOTAL HT Category | Rs Lakhs | 13983.36 |
| | TOTAL LT Category | Rs Lakhs | 9709.20 |
| | GRAND TOTAL | Rs Lakhs | 23692.56 |
| | Actual FAC to Be levied | Rs Lakhs | 40741.47 |
| | Under-recovery to be carried fwd to next month Incl of amount c/f from prev month | Rs Lakhs | 52926.68 |

APPENDIX 1.1

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) |
|-------------------------|--------------------------|---|
| MSPGCL | 50490 | |
| 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 |
| NTPC | 19040 | 1.25 |
| Kakrapar APP | 368 | 2.15 |
| Tarapur APP 1&2 | 1206 | 0.94 |
| Tarapur APP 3&4 | 1934 | 2.73 |
| NPCIL | 3507 | 2.05 |
| 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 |
| TOTAL PP | 23423 | |
| NCE Sources | 4114 | |
| CPPs | 392 | |