

| Title Form 1: Energy Sales - Metered |                                                                                                                                       |           |                  |                 |                |                                |                              |                  |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|-----------------|----------------|--------------------------------|------------------------------|------------------|
| Sr. No.                              | Consumer Category                                                                                                                     | Unit      | ORDER FY 12-13   | Oct-14          |                | Reasons for material variation | Cumulative upto Month & Year |                  |
|                                      |                                                                                                                                       |           | Order            | Order           | Actual         |                                | Order                        | Actual           |
| (A)                                  | (B)                                                                                                                                   | (C)       | (D)              | (E)             | (F)            | (G)                            | (H)                          | (I)              |
| 1.0                                  | Energy Sales in License Area <sup>1</sup>                                                                                             |           |                  |                 |                |                                |                              |                  |
|                                      | <b>LT - Categories</b>                                                                                                                |           |                  |                 |                |                                |                              |                  |
|                                      | LT I - Domestic                                                                                                                       |           |                  |                 |                |                                |                              |                  |
|                                      | BPL Consumers                                                                                                                         | MU        | 217.00           | 18.08           | 8.87           |                                | -                            | -                |
|                                      | Other Domestic Consumers                                                                                                              | MU        | 14,932.00        | 1,244.33        | 1515.38        |                                | -                            | -                |
|                                      | LT II - Commercial                                                                                                                    | MU        | 3,958.00         | 329.83          | 340.24         |                                | 2,308.83                     | 2,527.02         |
|                                      | LT III - Water Works                                                                                                                  | MU        | 539.00           | 44.92           | 52.48          |                                | 314.42                       | 354.70           |
|                                      | LT IV - Agriculture                                                                                                                   | MU        | 10,660.00        | 888.33          | 882.91         |                                | 6,218.33                     | 6,771.36         |
|                                      | LT V - Industrial & Power Loom                                                                                                        | MU        | 5,347.00         | 445.58          | 646.49         |                                | 3,119.08                     | 4,660.61         |
|                                      | Bhivandi Franchisee                                                                                                                   | MU        | -                | -               | -              |                                | -                            | -                |
|                                      | <b>LT VI - Streetlight</b>                                                                                                            |           |                  |                 |                |                                |                              |                  |
|                                      | Grampanchayat & Municipal Council                                                                                                     | MU        | 831.00           | 69.25           | 124.44         |                                | 484.75                       | 818.93           |
|                                      | Municipal Corporation Areas                                                                                                           |           |                  | -               | -              |                                | -                            | -                |
|                                      | <b>LT VII - Temporary</b>                                                                                                             | MU        |                  | -               | -              |                                |                              |                  |
|                                      | Temporary Connections (Religious)                                                                                                     | MU        | 68.00            | 5.67            | 1.72           |                                | 39.67                        | 10.98            |
|                                      | Temporary Connections (Other Purpose)                                                                                                 | MU        |                  | -               | -              |                                | -                            | -                |
|                                      | <b>LT VIII - Advt &amp; Hoardings</b>                                                                                                 | MU        | 4.00             | 0.33            | 0.24           |                                | 2.33                         | 1.79             |
|                                      | <b>LT IX - Crematoriums</b>                                                                                                           | MU        | 2                | 0.17            | 0.12           |                                | 1.17                         | 0.82             |
|                                      | <b>LTX - Public Services</b>                                                                                                          | MU        | 0                | -               | 20.00          |                                | 0.00                         | 107.25           |
|                                      | <b>HT - Categories</b>                                                                                                                |           |                  | -               | -              |                                |                              |                  |
|                                      | <b>HT I - Industries</b>                                                                                                              |           |                  | -               | -              |                                |                              |                  |
|                                      | Continuous                                                                                                                            | MU        | 18,554.20        | 1,546.18        | 1015.54        |                                | 16,500.40                    | 14,880.93        |
|                                      | Non-Continuous                                                                                                                        |           | 9,732.20         | 811.02          | 976.56         |                                |                              |                  |
|                                      | Seasonal Industry                                                                                                                     | MU        | 148.20           | 12.35           | 4.20           |                                | 86.45                        | 52.46            |
|                                      | <b>HT II - Commercial</b>                                                                                                             | MU        | 2,140.20         | 178.35          | 172.04         |                                | 1,248.45                     | 1,311.54         |
|                                      | <b>HT III - Railways</b>                                                                                                              | MU        | 1,460.20         | 121.68          | 124.01         |                                | 851.78                       | 876.37           |
|                                      | <b>HT IV - Water Works</b>                                                                                                            | MU        |                  | -               | -              |                                |                              |                  |
|                                      | Express Feeders                                                                                                                       | MU        | 969.20           | 80.77           | 131.37         |                                | 565.37                       | 813.80           |
|                                      | Non-Express Feeders                                                                                                                   |           | 219.20           | 18.27           | 18.57          |                                | 127.87                       | 126.30           |
|                                      | <b>HT V - Agriculture (Includes Poultry)</b>                                                                                          | MU        | 714.60           | 59.55           | 39.64          |                                | 416.85                       | 511.39           |
|                                      | <b>HT VI - Bulk Supply</b>                                                                                                            | MU        |                  | -               | -              |                                |                              |                  |
|                                      | Residential (Group Housing)                                                                                                           |           | 328.20           | 27.35           | 19.11          |                                | 191.45                       | 138.13           |
|                                      | Commercial Complex                                                                                                                    |           | -                | -               | -              |                                | -                            | -                |
|                                      | <b>HT IX Pub Service</b>                                                                                                              | MU        |                  |                 | 68.82          |                                | -                            | 507.52           |
|                                      | <b>HT Port</b>                                                                                                                        | MU        |                  |                 | 5.88           |                                | -                            | 42.79            |
|                                      | <b>Others</b>                                                                                                                         | MU        | -                | -               | 399.48         |                                | -                            | 2,436.73         |
|                                      | <b>Subtotal</b>                                                                                                                       | <b>MU</b> | <b>70,824.20</b> | <b>5,902.02</b> | <b>6568.10</b> |                                | <b>41,314.12</b>             | <b>48,191.77</b> |
| 2.0                                  | Energy Sales outside License Area excluding Energy Sales reported at (3)                                                              |           |                  |                 |                |                                |                              |                  |
| 4.0                                  | Total Energy Sales (1.0 + 2.0 + 3.0)                                                                                                  | MU        | 70,824.20        | 5,902.02        | 6,568.10       |                                | 41,314.12                    | 48,191.77        |
| 5.0                                  | Total Energy Sales excluding Energy Sales corresponding to specific utilisation of a particular Unit/Station as per Order (1.0 + 2.0) | MU        | 70,824.20        | 5,902.02        | 6,568.10       |                                | 41,314.12                    | 48,191.77        |

Note:

1. PD Consumers are not considered.
2. Ag apportioned is as per the actual billing of September 2013
3. The figures of Bhivandi Franchisee is included in HT-metered and LT-metered resp. as mentioned in CGM(IT) report
4. Temporary Supply and Public services of HT category is considered in others
5. Difference of 1.89 MUS in IT and IR statement is due to units of Auxilliary consumption, which is deducted from total to match the total purchase with IT statement.

**Table 1.2**  
**Title Energy Sales - UnMetered**

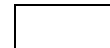
**Form 2: Energy Sales - Unmetered**

| Sr. No.    | Consumer Category <sup>1</sup> | ORDER FY 12-13 |                   |                               | Oct-14        |      |                               |                                | Cumulative upto Month & Year |                               |
|------------|--------------------------------|----------------|-------------------|-------------------------------|---------------|------|-------------------------------|--------------------------------|------------------------------|-------------------------------|
|            |                                | Load           | Norm <sup>2</sup> | EC <sub>UM</sub> <sup>3</sup> | Order         | Load | EC <sub>UM</sub> <sup>3</sup> | Reasons for material variation | Order                        | EC <sub>UM</sub> <sup>3</sup> |
|            |                                | HP             | hrs/ HP/ Year *   | MU                            | MU            | HP   | MU                            |                                | MU                           | MU                            |
| <b>1.0</b> | <b>Unmetered Hrs&gt;1318</b>   |                | <b>1,734.33</b>   | <b>4454</b>                   | <b>371</b>    |      | <b>490.49</b>                 |                                | <b>2598</b>                  | <b>3585</b>                   |
|            | Bhandup (U)                    |                | 1,474.00          | 0                             | 0             |      | 0.00000                       |                                | 0                            | 0                             |
|            | Nasik                          |                | 1,521.00          | 3015                          | 251           |      | 184.82                        |                                | 1759                         | 1219                          |
|            | Pune                           |                | 2,208.00          | 1439                          | 120           |      | 20.83                         |                                | 840                          | 159                           |
|            | Jalgaon                        |                |                   |                               | 0             |      | 120.96                        |                                | 0                            | 906                           |
|            | Baramati                       |                |                   |                               | 0             |      | 163.88                        |                                | 0                            | 1300                          |
| <b>1.1</b> | <b>Unmetered Hrs&lt;1318</b>   |                | <b>980.00</b>     | <b>6226</b>                   | <b>519</b>    |      | <b>325.07</b>                 |                                | <b>3632</b>                  | <b>2609</b>                   |
|            | Amravati                       |                | 922.00            | 576                           | 48            |      | 51.27                         |                                | 336                          | 408                           |
|            | Aurangabad                     |                | 1,224.00          | 1344                          | 112           |      | 82.58                         |                                | 784                          | 569                           |
|            | Kalyan                         |                | 1,300.00          | 36                            | 3             |      | 0.01                          |                                | 21                           | 0                             |
|            | Konkan                         |                | 533.00            | 0                             | 0             |      | 0.00                          |                                | 0                            | 0                             |
|            | Kolhapur                       |                | 1,198.00          | 2156                          | 180           |      | 14.72                         |                                | 1258                         | 120                           |
|            | Latur                          |                | 1,241.00          | 1864                          | 155           |      | 120.62                        |                                | 1087                         | 931                           |
|            | Nagpur (U)                     |                | 644.00            | 81                            | 7             |      | 2.06                          |                                | 47                           | 14                            |
|            | Nagpur                         |                | 778.00            | 170                           | 14            |      | 0.000                         |                                | 99                           | 0                             |
|            | Nanded                         |                |                   |                               | 0             |      | 53.81                         |                                | 0                            | 567                           |
| <b>1.2</b> | <b>LT-Unmetered PWW</b>        |                |                   | <b>0</b>                      | <b>0</b>      |      |                               |                                | <b>0</b>                     | <b>0</b>                      |
|            | <b>Total</b>                   | <b>0</b>       | <b>2,714.33</b>   | <b>10680</b>                  | <b>890.03</b> |      | <b>815.560</b>                |                                | <b>6230</b>                  | <b>6193</b>                   |

\* Norms have been considered same of MYT order for Unmetered Hrs > & < 1318 HP/year

Notes

- 1 Please report Estimated Consumption for all unmetered consumer categories
- 2 Norm: Annual Consumption Norm
- 3 EC<sub>UM</sub>: Estimated Consumption for Unmetered energy sales



**668.887**

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.**  
Prakashgad, Bandra (E), Mumbai.

FAC for OCT 2014

| Form 3: Energy Availability |                                       |           |                  |                 |                    |                                |                              |                  |
|-----------------------------|---------------------------------------|-----------|------------------|-----------------|--------------------|--------------------------------|------------------------------|------------------|
| Sr. No.                     | Source of Generation/Power Purchase   | Unit      | FY 2013-14       | Oct-14          |                    |                                | Cumulative upto Month & Year |                  |
|                             |                                       |           | Order            | Order           | Actual             | Reasons for material variation | Order                        | Actual           |
| (A)                         | (B)                                   | (C)       | (D)              | (E)             | (F)                | (G)                            | (H)                          | (I)              |
| 0.9                         | <b>MSPGCL</b>                         | <b>MU</b> |                  |                 |                    |                                |                              |                  |
| 5311.6                      | Khnaparkheda                          | MU        | 4,751.18         | 395.93          | 366.99481          |                                | 2,375.59                     | 2,382.72         |
| 2625.5                      | Bhusawal                              | MU        | 2,348.47         | 195.71          | 58.21197           |                                | 1,174.24                     | 698.48           |
| 3894.1                      | Nasik                                 | MU        | 3,483.22         | 290.27          | 287.81769          |                                | 1,741.61                     | 2,098.62         |
| 3915.3                      | Parli                                 | MU        | 3,502.17         | 291.85          | 63.12515           |                                | 1,751.09                     | 633.08           |
| 3875.3                      | Koradi                                | MU        | 3,466.40         | 288.87          | 157.28690          |                                | 1,733.20                     | 1,128.54         |
| 14937.6                     | Chandrapur                            | MU        | 13,361.57        | 1,113.46        | 944.41187          |                                | 6,680.78                     | 6,541.69         |
| 1594.3                      | Paras 3                               | MU        | 1,426.11         | 118.84          | 119.870823         |                                | 713.05                       | 652.84           |
| 1594.3                      | Parli 6                               | MU        | 1,426.11         | 118.84          | 124.823            |                                | 713.05                       | 748.83           |
| 1594.3                      | Parli -7                              | MU        | 1,426.11         | 118.84          | 124.867            |                                | 713.05                       | 725.09           |
| 1594.3                      | Paras -4                              | MU        | 1,426.11         | 118.84          | 118.421307         |                                | 713.05                       | 853.82           |
| 1909.9                      | KPKD 5                                | MU        | 1,909.86         | 159.16          | 258.62900          |                                | 954.93                       | 1,578.26         |
| 797.2                       | Bhusawal 4                            |           | 797.16           | 66.43           | 161.43515          |                                | 398.58                       | 1,135.17         |
| 4596.4                      | Gas Thermal                           | MU        | 4,111.40         | 342.62          | 289.68285          |                                | 2,055.70                     | 2,092.47         |
|                             | Bhusawal 5                            | MU        | -                | -               | 190.54885          |                                |                              |                  |
|                             | Gas Thermal (RLNG)                    | MU        | -                | -               |                    |                                | -                            | -                |
| <b>3430.3</b>               | <b>Hydel Stations</b>                 | <b>MU</b> | <b>3,430.30</b>  | <b>285.86</b>   | <b>338.98835</b>   |                                | <b>1,715.15</b>              | <b>2,739.56</b>  |
|                             | <b>Subtotal</b>                       | <b>MU</b> | <b>46,866.17</b> | <b>3,905.51</b> | <b>3,605.11471</b> |                                | <b>23,433.08</b>             | <b>24,009.17</b> |
| <b>2.0</b>                  | <b>Net Power Purchase<sup>2</sup></b> | <b>MU</b> |                  |                 |                    |                                |                              |                  |
|                             | <b>Central Gen Stns</b>               |           | <b>34,777.82</b> | <b>2,942.60</b> | <b>2,846.02</b>    |                                | <b>17,388.91</b>             | <b>18,612.39</b> |
|                             | Korba                                 | MU        | 5,400.00         | 450.00          | 446.73             |                                | 2,700.00                     | 2,719.20         |
|                             | Korba III                             | MU        | 686.78           | 57.23           | 93.95              |                                | 343.39                       | 547.99           |
|                             | Vindhyanchal - I                      | MU        | 3,516.00         | 293.00          | 258.57             |                                | 1,758.00                     | 1,718.23         |
|                             | Vindhyanchal - II                     | MU        | 2,940.00         | 245.00          | 155.80             |                                | 1,470.00                     | 1,311.45         |
|                             | Vindhyanchal-III                      | MU        | 2,400.00         | 200.00          | 197.26             |                                | 1,200.00                     | 1,158.38         |
|                             | Vindhyanchal-IV                       | MU        | 381.00           | 76.20           | 188.60             |                                | 190.50                       | 1,250.03         |
|                             | Kawas - APM                           | MU        | 1,080.00         | 90.00           | 72.22              |                                | 540.00                       | 459.41           |
|                             | Gandhar - APM                         | MU        | 1,020.00         | 85.00           | 79.85              |                                | 510.00                       | 502.59           |
|                             | Farrakka                              | MU        | -                | -               | -                  |                                | -                            | -                |
|                             | Talcher                               | MU        | -                | -               | -                  |                                | -                            | -                |
|                             | Kahalgaon                             | MU        | -                | -               | -                  |                                | -                            | -                |
|                             | Kahalgaon II unit                     | MU        | 720.00           | 60.00           | 86.08              |                                | 360.00                       | 495.54           |
|                             | Sipat Stage II - Unit 1               | MU        | 4,982.71         | 415.23          | 394.213            |                                | 2,491.36                     | 2,433.87         |
|                             | Sipat Stage II - Unit 2               | MU        |                  |                 | 189.541            |                                | -                            | 1,189.54         |
|                             | Mouda                                 | MU        |                  |                 | 147.793            |                                | -                            | 1,046.18         |
|                             | Kakrapar                              | MU        | 760.40           | 63.37           | 97.56              |                                | 380.20                       | 591.98           |
|                             | Tarapur 1 & 2                         | MU        | 1,280.00         | 106.67          | 71.98              |                                | 640.00                       | 701.35           |
|                             | Tarapur 3 & 4                         | MU        | 3,292.93         | 274.41          | 283.65             |                                | 1,646.47                     | 1,904.26         |
|                             | RGPPPL -                              | MU        | 5,256.00         | 438.00          | -                  |                                | 2,628.00                     | -                |
|                             | Sardar Sarovar                        | MU        | 990.00           | 82.50           | 53.18              |                                | 495.00                       | <b>504.58</b>    |
|                             | Pench                                 | MU        | 72.00            | 6.00            | 29.04              |                                | 36.00                        | 77.81            |

| Form 3: Energy Availability                                                                               |                                               |           |                   |                 |                  |                                            |                              |                  |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------|-------------------|-----------------|------------------|--------------------------------------------|------------------------------|------------------|
| Sr. No.                                                                                                   | Source of Generation / Power Purchase         | Unit      | FY 2013-14        | Oct-14          |                  |                                            | Cumulative upto Month & Year |                  |
|                                                                                                           |                                               |           | Order             | Order           | Actual           | Reasons for material variation             | Order                        | Actual           |
| (A)                                                                                                       | (B)                                           | (C)       | (D)               | (E)             | (F)              | (G)                                        | (H)                          | (I)              |
|                                                                                                           | <b>HYDRO PLANT</b>                            |           | <b>131.00</b>     | <b>10.92</b>    | -                | -                                          | <b>65.50</b>                 | <b>47.30</b>     |
|                                                                                                           | Dodson - I                                    | MU        | 42.00             | 3.50            | -                | -                                          | 21.00                        | 19.33            |
|                                                                                                           | Dodson - II                                   | MU        | 89.00             | 7.42            | -                | -                                          | 44.50                        | 27.97            |
|                                                                                                           | <b>Renewables</b>                             | <b>MU</b> | <b>8,643.30</b>   | <b>720.28</b>   | <b>519.44</b>    | -                                          | <b>4,321.65</b>              | <b>5,182.31</b>  |
|                                                                                                           | Other Hydro                                   | MU        | 194               | 16.13           | 7.606            | -                                          | 96.75                        | 89.34            |
|                                                                                                           | Wind Purchase & Bio mass Baqqase              | MU        | 7,259             | 604.90          | 386.499          | -                                          | 3,629.40                     | 4,285.34         |
|                                                                                                           | CPP                                           | MU        | 900.00            | 75.00           | 94.94            | -                                          | 450.00                       | 649.87           |
|                                                                                                           | Solar                                         | MU        | 271.50            | 22.63           | 30.357           | -                                          | 135.75                       | 157.53           |
|                                                                                                           | MSW                                           | MU        | 19.50             | 1.63            | 0.039            | -                                          | 9.75                         | 0.23             |
|                                                                                                           | <b>Other Purchases</b>                        | <b>MU</b> | <b>4,687.75</b>   | <b>712.05</b>   | <b>1,223.19</b>  | -                                          | <b>2,343.88</b>              | <b>7,948.09</b>  |
|                                                                                                           | IPP JSW                                       | MU        | 1,934.21          | 161.18          | 199.76           | -                                          | 967.10                       | 1,299.86         |
|                                                                                                           | Mundra UMPP CGPI                              | MU        | 1,610.96          | 170.00          | 366.89           | -                                          | 805.48                       | 2,713.54         |
|                                                                                                           | Adani Power 1320                              | MU        | 1,142.59          | 380.86          | 656.55           | -                                          | 571.29                       | 3,934.69         |
|                                                                                                           | INDIABULL                                     | MU        |                   |                 |                  | -                                          | -                            | -                |
|                                                                                                           | <b>Traders</b>                                | <b>MU</b> | <b>10,675.00</b>  | <b>889.58</b>   | <b>2,071.85</b>  | -                                          | <b>5,337.50</b>              | <b>8,828.77</b>  |
|                                                                                                           | LANCO/NESTCL                                  | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | NVNV                                          | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | JPL                                           | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | TPTCL                                         | MU        |                   | -               | 4.09             | -                                          | -                            | 4.09             |
|                                                                                                           | WBSEDCL                                       | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | RETL                                          | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | IEX power                                     | MU        |                   | -               | 641.65           | -                                          | -                            | 1,503.77         |
|                                                                                                           | PTC                                           | MU        |                   | -               | 4.13             | -                                          | -                            | 4.13             |
|                                                                                                           | SHREE CEMENT                                  | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | RPG PTCL                                      | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | isw ptcl                                      | MU        |                   | -               | 180.99           | -                                          | -                            | 620.75           |
|                                                                                                           | INSTINCT INFRA                                | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | Adani infirm                                  | MU        |                   | -               | 90.10            | -                                          | -                            | 103.28           |
|                                                                                                           | AEL                                           | MU        |                   | -               | 91.68            | -                                          | -                            | 91.68            |
|                                                                                                           | Indrajeet power                               | MU        |                   | -               | -                | -                                          | -                            | 4.19             |
|                                                                                                           | IDEAL Energy                                  | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | India Bull                                    | MU        |                   | -               | 167.05           | -                                          | -                            | 1,151.81         |
|                                                                                                           | Sai Wardha Power                              | MU        |                   | -               | 66.64            | -                                          | -                            | 66.64            |
|                                                                                                           | M/S KNOWLEDGE INFRA                           | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | MAHAGENCO INFIRM POWER                        | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | Survalaxmi                                    | MU        |                   | -               | -                | -                                          | -                            | -                |
|                                                                                                           | Adani 1200                                    | MU        |                   | -               | 575.19           | -                                          | -                            | 4,094.70         |
|                                                                                                           | Adani 125                                     | MU        |                   | -               | 69.19            | -                                          | -                            | 109.40           |
|                                                                                                           | Emco Energy                                   | MU        |                   | -               | 142.71           | -                                          | -                            | 821.92           |
|                                                                                                           | PXIL                                          | MU        |                   | -               | 38.43            | -                                          | -                            | 252.41           |
|                                                                                                           | Inter state (grid) losses                     | MU        | (1,309.00)        | (109.08)        | (109.08)         | -                                          | (654.50)                     | (763.58)         |
|                                                                                                           | Unscheduled Interchange (UI)                  | MU        | -                 | -               | -                | -                                          | -                            | -                |
|                                                                                                           | <b>Subtotal</b>                               | <b>MU</b> | <b>104,472.04</b> | <b>9,071.85</b> | <b>10,156.54</b> |                                            | <b>52,236.02</b>             | <b>63,864.44</b> |
| <b>3.0</b>                                                                                                | <b>Energy Available</b>                       | <b>MU</b> |                   |                 |                  |                                            |                              |                  |
| 3.2                                                                                                       | Net Generation + Net Power Purchase (1.6+2.0) | MU        | 104,472.04        | 9,071.85        | 10,265.62        | Inter state (Grid) losses 109.083333333333 | 76,224.11                    | 66,100.26        |
| 3.3                                                                                                       | Net Energy Available at transmission voltage  | MU        | 108,537.00        | 9,044.75        | 10292.82         |                                            | 54,268.50                    | 66,321.20        |
| 3.4                                                                                                       | Net Energy Available at distribution voltage  | MU        | 103935            | 8,661.25        | 9792.57          |                                            | 51,967.52                    | 64,379.77        |
| <b>Note:</b>                                                                                              |                                               |           |                   |                 |                  |                                            |                              |                  |
| 1. All the parameters and power purchase has been considered as per APR order FY2011-12 of MSDDL & MSPGCL |                                               |           |                   |                 |                  |                                            |                              |                  |
| 2. Power purchase have been considered as per Audited Power Purchased statement                           |                                               |           |                   |                 |                  |                                            |                              |                  |
| 3. order figure for interstate loss is taken, since the relevant data was not received so far.            |                                               |           |                   |                 |                  |                                            |                              |                  |
| 4. Mus of MSPGCL is considered on the basis of FAC bill of MSPGL provided by the officials.               |                                               |           |                   |                 |                  |                                            |                              |                  |

## Title Form 4: Losses

| Sr. No.    | Parameter                                                                                     | Unit      | FY 2014-15     | Oct-14         |                | Cumulative upto Month & Year |                |
|------------|-----------------------------------------------------------------------------------------------|-----------|----------------|----------------|----------------|------------------------------|----------------|
|            |                                                                                               |           |                | Order          | Actual         | Order                        | Actual         |
| (A)        | (B)                                                                                           | (C)       | (D)            | (E)            | (F)            | (I)                          | (J)            |
| <b>1.0</b> | <b>Transmission and Stepdown Loss<sup>1</sup></b>                                             |           |                |                |                |                              |                |
| 1.1        | Net Energy Input at transmission voltages (Net Generation + Net Purchase) *                   | MU        | 108,537.00     | 9,044.75       | 10293          | 63,313.25                    | 66321          |
| 1.2        | Energy Sales at transmission voltages                                                         | MU        | -              | -              | 0              | -                            | 0              |
| 1.3        | Energy fed to Distribution System                                                             | MU        | 103935         | 8661           | 9793           | 60,628.77                    | 64380          |
| 1.4        | Transmission and Stepdown Loss (1.1 - 1.2 - 1.3)                                              | MU        | 4602           | 383            | 500            | 2684.48                      | 1941.42        |
| 1.5        | Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1)                           | %         | <b>4.24 %</b>  | <b>4.24 %</b>  | <b>4.86 %</b>  | <b>4.24 %</b>                | <b>2.93 %</b>  |
| <b>2.0</b> | <b>Distribution Loss<sup>1</sup></b>                                                          |           |                |                |                |                              |                |
| 2.1        | Net Energy Input (input from Transmission System + net energy input at distribution voltages) | MU        | 104,442.03     | 8,703.50       | 9792.57        | 60,924.52                    | 64421          |
| 2.2        | Energy Sales (Metered) at distribution voltages                                               | MU        | 77291          | 6441           | 6568.10        | 45,086.21                    | 48192.39       |
| 2.3        | Estimated Consumption for Unmetered Categories                                                | MU        | 10680          | 890            | 815.56         | 6,230.21                     | 6193.32        |
| 2.4        | Distribution Loss (2.1 - 2.2 - 2.3)                                                           | MU        | 16471          | 1373           | 2408.92        | 9,608.10                     | 10,035.11      |
| 2.5        | Distribution Loss as % of net energy input (2.4 / 2.1)                                        | %         | <b>15.77 %</b> | <b>15.77 %</b> | <b>24.60 %</b> | <b>15.77 %</b>               | <b>15.58 %</b> |
| <b>3.0</b> | <b>Transmission and Distribution (T&amp;D) Loss</b>                                           |           |                |                |                |                              |                |
| 3.1        | Net Energy Input (i.e. Net Generation + Net Power Purchase)                                   | MU        | 108,537.00     | 9,044.75       | 10292.82       | 63,313.25                    | 66321          |
| 3.2        | Energy Sales (Metered + Unmetered) (1.2+2.2+2.3)                                              | MU        | 87971.00       | 7,330.92       | 7383.66        | 51,316.42                    | 54386          |
| 3.3        | T&D Loss (3.1 - 3.2)                                                                          | MU        | 20566.00       | 1,713.83       | 2909.17        | 11,996.83                    | 11935.49       |
| 3.4        | T&D Loss as % of Net Energy Input (3.3 / 3.1)                                                 | %         | <b>18.95 %</b> | <b>18.95 %</b> | <b>28.26 %</b> | <b>18.95 %</b>               | <b>18.00 %</b> |
| <b>4.0</b> | <b>Excess T&amp;D Loss = T&amp;D Loss (3.3) - T&amp;Dapp x Net Energy Input (3.1)</b>         | <b>MU</b> |                |                | <b>0</b>       |                              |                |

**Note:** 1. Tariff order mentions Transmission loss of 2.99 % and Distribution loss of 16.92 %  
2. Excess T&D loss computed on cumulative distribution loss only.







**Form 6.2**

**7**

**Title Change in variable cost of generation and power purchase (C) - Format 1**

| Sr. No. | Parameter                                                                                                                                             | Unit    | Value     |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|
| (A)     | (B)                                                                                                                                                   | (C)     | (D)       |
| 1.0     | Weighted Average variable cost of generation and power purchase considered by the Commission for Month & Year (Table No.6.1 Sr. No.4.0, Col. No. (G)) | Rs/kWh  | 2.49      |
| 2.0     | Weighted Average Normative Actual variable cost of generation and power purchase for Month & Year (Table No.6.1 Sr. No.4.0, Col. No. (M))             | Rs/kWh  | 2.74      |
| 3.0     | Change in variable cost of generation and power purchase (2.0-1.0)                                                                                    | Rs/kWh  | 0.24      |
| 4.0     | Generation <sup>1</sup> + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L))                                                                  | MU      | 9,817.55  |
| 5.0     | Change in variable cost of generation and power purchase (3.0 x 4.0)                                                                                  | Rs Lakh | 24,021.03 |

Notes:

- 1 - Please report generation and variable cost based on Gross generation if the Tariff Order has approved the variable cost with reference to Gross generation.
- Please report generation and variable cost based on net generation if the Tariff Order has approved the variable cost with reference to net generation.

**Title      Form 9: Adjustment for over-recovery/under-recovery**

| <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>(Sept 13)</b>                                   | Rs Lakh     | 33,641.51    |
|                                                                                                                                      | Incremental cost in Month j-4 actually recovered in month j-2 <b>(JUN-13)</b>                        | Rs Lakh     | 15,224       |
| 1.3                                                                                                                                  | under recovery /over recovery                                                                        | Rs Lakh     | 18,417.84    |
| <b>2.0</b>                                                                                                                           | C/F DUE TO FORMULA ERROR for regular FAC for Sept 14                                                 | Rs Lakh     | 1,834.06     |
| <b>2.2</b>                                                                                                                           | <b>KhparKheda U 5 energy ch impact for mar 14 as per MERC order No 44 of 2013 datd 4th Sept 2013</b> | Rs Lakh     | 1,991.44     |
| <b>3.0</b>                                                                                                                           | <b>Adjustment factor for over-recovery/under-recovery</b>                                            | Rs Lakh     | 3,825.51     |
| <b>Over/under recovery is charged catagorywise and slabwise in 8.3 statement so it is not considered here in calculating FAC p/u</b> |                                                                                                      |             |              |

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. for OCT 2014**  
**Prakashgad, Bandra (E), Mumbai.**

**Form 11: Total Fuel Cost and Power Purchase Adjustment**

**Title    Total Fuel Cost and Power Purchase Adjustment**

| <b>Sr. No.</b> | <b>Parameter</b>                                                                                          | <b>Unit</b> | <b>Value</b> |
|----------------|-----------------------------------------------------------------------------------------------------------|-------------|--------------|
| (A)            | (B)                                                                                                       | (C)         | (D)          |
| 1.0            | Change in cost (C) (Table 6.2, Sr. No.5.0 for FAC Mechanism or Table 6.3, Sr. No. 4.0 for FOCA Mechanism) | Rs Lakh     | 24,021.03    |
| 2.0            | Interest on Working Capital (I) (Table 6.5, Sr. No. 3.0)                                                  | Rs Lakh     | -            |
| 3.0            | Adjustment factor for over-recovery/under-recovery (B) (Table 6.6, Sr. No. 3.0)                           | Rs Lakh     | 3,825.51     |
| 4.0            | T & D Loss Adjustment for the year (Table 5.1, Sr.No.8.0)                                                 | Rs Lakh     | -            |
| 5.0            | FAC (A) = C + I + B (1.0 + 2.0 + 3.0)                                                                     | Rs Lakh     | 27,846.53    |
| 6.0            | Any unpredictable and uncontrollable expenses incurred (Z) <sup>1</sup>                                   | Rs Lakh     |              |
| 7.0            | FOCA (A) = C + I + B + Z (4.0 + 5.0)                                                                      | Rs Lakh     | 27,846.53    |

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC for OCT 2014**  
**Prakashgad, Bandra (E), Mumbai.**

**Title Calculation of per unit FAC/FOCA Charge**

| Sr. No. | Parameter                                                                                                                                        | Unit      | Value     |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| (A)     | (B)                                                                                                                                              | (C)       | (D)       |
| 1.0     | Energy Sales within License Area (Table 1.1, Sr. No.5.0) *                                                                                       | MU        | 6,507.76  |
| 2.0     | Estimated Consumption within License Area (Table 1.2)                                                                                            | MU        | 815.56    |
| 3.0     | Excess T&D Loss (Table 1.4, Sr. No. 4.0)                                                                                                         | MU        | -         |
| 4.0     | Total FAC (Table 6.7, Sr. No. 5.0) or Total FOCA (Table 6.7, Sr. No. 7.0)                                                                        | Rs Lakh   | 27,846.53 |
| 5.0     | FAC Charge ( $FAC_{kWh}$ ) or FOCA Charge ( $FOCA_{kWh}$ ) without considering cap on monthly Charge ( $4.0/(1.0+2.0+3.0)$ )                     | Paise/kWh | 38.02     |
| 6.0     | Cap on monthly FAC/FOCA Charge                                                                                                                   | Rs/kWh    | N.A.      |
| 6.1     | Cap at 10% of the variable component of tariff <sup>2</sup>                                                                                      | Paise/kWh | N.A.      |
| 6.2     | Cap at increase in CPI for a similar period                                                                                                      | Paise/kWh |           |
| 6.3     | Cap as lower of 6.1 and 6.2                                                                                                                      | Paise/kWh | -         |
| 7.0     | FAC Charge ( $FAC_{kWh}$ ) or FOCA Charge ( $FOCA_{kWh}$ ) considering cap on monthly FAC Charge/FOCA Charge (lower of 5.0 and 6.3) <sup>1</sup> | Rs/kWh    | 0.380245  |

1 As per Regulation 82.6 of Maharashtra Electricity Regulatory Commission Regulations 2005(Tariff Regulations),the monthly cap on FAC Charge is taken as 20% of variable component of tariff of that tariff category/sub-category/consumption slab.

2 Round off FAC/FOCA Charge to 1 decimal

3 Variable component of tariff = Total estimated revenue from energy charges in the Tariff Order / Total energy sales projected in Tariff Order

Prakashgad, Bandra (E), Mumbai.

Form 13: Calculation of FAC Charge for unmetered categories

Title Calculation of FAC Charge ( $FAC_{kWh}$ ) for Unmetered categories

| Sr. No. | Unmetered Consumer Category    | Consumption Norm | FAC Charge <sup>1</sup>                | Load | Estimated Recovery |
|---------|--------------------------------|------------------|----------------------------------------|------|--------------------|
|         |                                | hrs/HP/year      | Rs/HP/ month                           | HP   | Rs Lakh            |
| (A)     | (B)                            | (C)              | (D) =<br>$(C)/12*0.746*FA_{C_{kWh}}^2$ | (E)  | (F)                |
|         | LT-AG ( > 1318 Hours per year) | 1,734.33         | <b>58.76</b>                           |      | -                  |
|         | LT-AG ( < 1318 Hours per year) | 980.00           | <b>27.02</b>                           |      | -                  |
|         | <b>Total</b>                   |                  |                                        |      |                    |

Notes:

1 Round off FOCA Charge to 1 decimal

2 Consider  $FOCA_{kWh}$  as per Table 7.1, Sr. No. 7.0

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.** FAC for OCT 2014  
Prakashgad, Bandra (E), Mumbai.

**Form 15: Summary**

**Title** Summary of FAC (A) and FAC<sub>kWh</sub>

| Sr. No.    | Parameter                                                                                                                                                                            | Unit           | Value            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| (A)        | (B)                                                                                                                                                                                  | (C)            | (D)              |
| <b>1.0</b> | <b>Calculation of FAC (A)</b>                                                                                                                                                        |                |                  |
| 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        | 24,021.03        |
| 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        | 3,825.51         |
| <b>1.7</b> | <b>FAC (A) = C + I + B</b>                                                                                                                                                           | Rs Lakh        | <b>27,846.53</b> |
| <b>2.0</b> | <b>Calculation of FAC<sub>kWh</sub></b>                                                                                                                                              |                |                  |
| 2.1        | Sale within License Area                                                                                                                                                             | MU             | 7,323.32         |
| 2.2        | Excess T&D Loss                                                                                                                                                                      | MU             | -                |
| 2.3        | FAC Charge (FAC <sub>kWh</sub> ) without considering cap on monthly FAC Charge                                                                                                       | Paise/kWh      | 38.02            |
| 2.4        | Cap on monthly FAC Charge                                                                                                                                                            | Paise/kWh      | 38.02            |
| <b>2.5</b> | <b>FAC Charge (FAC<sub>kWh</sub>) considering cap on monthly FAC Charge</b>                                                                                                          | Rs/kWh         | 0.3802           |
| <b>3.0</b> | <b>FAC (A)</b>                                                                                                                                                                       |                |                  |
| 3.1        | FAC (A) considering cap on Monthly FAC Charge                                                                                                                                        | Rs Lakh        | 27,846.53        |
| 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        | 24,192.59        |
| 3.4        | C/f from Previous month 2.                                                                                                                                                           | Rs Lakh        | -                |
| 3.5        | Under/over recovery from 6.6 statement 3.                                                                                                                                            | Rs Lakh        | 18,417.84        |
| <b>3.6</b> | <b>Total FAC to be charged in current month 4 = (1 + 2 + 3)</b>                                                                                                                      | <b>Rs Lakh</b> | <b>42,610.43</b> |
| 3.7        | Actual FAC charged in current month categorywise and slabwise 5.                                                                                                                     | Rs Lakh        | 42,610.43        |
| 3.8        | Carried forward FAC (A) for recovery during future period (4-5)                                                                                                                      | Rs Lakh        | <b>0.00</b>      |

**Note:**

- 1 As per Regulation 82.6 of Maharashtra Electricity Regulatory Commission Regulations 2005(Tariff Regulations),the monthly cap on FAC Charge is taken as 20% of variable component of tariff of that tariff category/sub-category/consumption slab.
- 2 The amount to be carried forward for recovery during future period is shown in the categorywise and slabwise computation of FAC vide Table 8.3
- 3 Total FAC to be charged in the current month is not tallied with actual FAC charged in the current month and C/F for the future period is only because of Un metered tariff is billed quarterly and its over/under recovery and C/f to future period is calculated quarterly



