

| Title Form 1: Energy Sales - Metered | | | | | | | |
|---|---------------------------------------|------|----------------|----------|----------|------------------------------|-----------|
| Sr. No. | Consumer Category | Unit | ORDER FY 15-16 | Jul-15 | | Cumulative upto Month & Year | |
| | | | Order | Order | Actual | Order | Actual |
| (A) | (B) | (C) | (D) | (E) | (F) | (H) | (I) |
| 1.00 | Energy Sales in License Area1 | | | | | | |
| | LT - Categories | | | | | | |
| | LT I - Domestic | | | | | | |
| | BPL Consumers | MU | 113.00 | 9.42 | 6.59 | 55.00 | 24.53 |
| | Other Domestic | MU | 18,019.00 | 1,501.58 | 1,656.55 | 5,491.83 | 6,992.61 |
| | LT II - Commercial | MU | 4,011.00 | 334.25 | 368.78 | 1,328.17 | 1,563.52 |
| | LT III - Pub Water Works | MU | 661.00 | 55.08 | 54.33 | 200.00 | 220.04 |
| | LT IV - Agriculture | MU | 13,461.00 | 1,121.75 | 1,145.85 | 4,020.17 | 4,591.42 |
| | LT V - Industrial & Power Loom | MU | 6,286.00 | 523.83 | 658.75 | 1,938.83 | 2,710.76 |
| | Bhivandi Franchisee | MU | - | - | - | - | - |
| | LT VI - Streetlight | MU | | | | | |
| | Grampanchayat & Municipal Council | MU | 1,222.00 | 101.83 | | 342.17 | 513.94 |
| | Municipal Corporation Areas | MU | 411.00 | 34.25 | 126.79 | 68.50 | - |
| | LT VII - Temporary | MU | | | | | |
| | Temporary Connections (Religious) | MU | 2.00 | 0.17 | | 11.67 | 5.29 |
| | Temporary Connections (Other Purpose) | MU | 16.00 | 1.33 | 1.30 | 2.67 | - |
| | LT VIII - Advt & Hoardings | MU | 3.00 | 0.25 | | 1.17 | 1.10 |
| | LTIX - Crematoriums | MU | 2.00 | 0.17 | 0.22953 | 0.67 | 0.45 |
| | LTX - Public Services | MU | | | | 0.00 | 48.73 |
| | A Government | | | | | | |
| | I <20 kw | | | | | | |
| | 0-200 units | MU | 5.00 | 0.42 | 0.08 | | |
| | > 200 units | MU | 7.00 | 0.58 | 0.13 | | |
| | II >20 -50 kw | MU | 3.00 | 0.25 | 0.14 | | |
| | III >50 kw | MU | 3.00 | 0.25 | 0.25 | | |
| | B others | | | | | | |
| | I <20 kw | | | | | | |
| | 0-200 units | MU | 41.00 | 3.42 | 5.26 | | |
| | > 200 units | MU | 64.00 | 5.33 | 10.34 | | |
| | II >20 -50 kw | MU | 27.00 | 2.25 | 4.22 | | |
| | III >50 kw | MU | 29.00 | 2.42 | 4.51 | | |
| | Prepaid | MU | 14.00 | 1.17 | 1.07 | | |
| | LT Total A | | 44,400.00 | 3,700.00 | 4,045.27 | | |
| | | | | | | | |
| | HT - Categories | | | | | | |
| | HT I - Industries | | | | | | |
| | Continuous | MU | 13,167.00 | 1,097.25 | 981.69 | 9,080.57 | 8,045.41 |
| | Non-Continuous | | 13,030.00 | 1,085.83 | 1,047.37 | | |
| | Seasonal Industry | MU | 166.00 | 13.83 | 1.79 | 52.37 | 15.21 |
| | HT II - Commercial | MU | 2,206.00 | 183.83 | 179.55 | 724.37 | 759.10 |
| | HT III - Railways | MU | 1,505.00 | 125.42 | 124.90 | 494.20 | 498.75 |
| | HT IV - Water Works | MU | | | | | |
| | Express Feeders | MU | 1,154.00 | 96.17 | 137.64 | 353.87 | 539.96 |
| | Non-Express Feeders | | 239.00 | 19.92 | 19.31 | 76.37 | 76.69 |
| | HT V - Agriculture (Includes Poultry) | MU | 871.00 | 72.58 | 46.41 | 264.27 | 307.15 |
| | HT VI - Bulk Supply | MU | | | | | |
| | Residential (Group Housing) | MU | 217.00 | 18.08 | 20.75 | 90.87 | 83.42 |
| | HT VIII-B Temporary supply others | MU | 4.00 | 0.33 | 0.49 | 0.67 | 0.89 |
| | HT IX Pub Service | MU | | | | - | 158.64 |
| | A Government | | | | | | |
| | Express Feeders | MU | 23.00 | 1.92 | 12.86 | | |
| | Non-Express Feeders | MU | 21.00 | 1.75 | 5.31 | | |
| | B Others | | | | | | |
| | Express Feeders | MU | 437.00 | 36.42 | 27.49 | | |
| | Non-Express Feeders | MU | 402.00 | 33.50 | 31.44 | | |
| | HT X Port | MU | 86.00 | 7.17 | | 14.33 | 19.75 |
| | MSPGCL Aux supply | MU | 56.00 | 4.67 | 6.74 | | |
| | Other | MU | | | 528.13 | | |
| | HT Total B | MU | 33,584.00 | 2,798.67 | 3,171.87 | | |
| | | | | | | | |
| | Total Sale (LT+HT) | MU | 77,984.00 | 6,498.67 | 7,217.14 | 24,801.37 | 29,287.14 |

Note: 1. PD Consumers are not considered.

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

FAC For JULY 2015

Table 1.2
 Title Energy Sales - UnMetered

Form 2: Energy Sales - Unmetered

| Sr. No. | Consumer Category ¹ | ORDER FY 15-16 | | | Jul-15 | | | | Cumulative upto Month & Year | |
|---------|--------------------------------|----------------|-------------------|-------------------------------|--------|------|-------------------------------|--------------------------------|------------------------------|-------------------------------|
| | | Load | Norm ² | EC _{UM} ³ | Order | Load | EC _{UM} ³ | Reasons for material variation | Order | EC _{UM} ³ |
| | | HP | hrs/ HP/ Year * | MU | MU | HP | MU | | MU | MU |
| 1.0 | Unmetered Hrs > 1318 | | 1,734.33 | 5130 | 428 | | 561.98 | | 1597 | 2314 |
| | Bhandup (U) | | 1,474.00 | | | | 0.00000 | | 0 | 0 |
| | Nasik | | 1,521.00 | | | | 181.98 | | 503 | 794 |
| | Pune | | 2,208.00 | | | | 25.57 | | 240 | 102 |
| | Jalgaon | | | | | | 146.63 | | 0 | 587 |
| | Baramati | | | | | | 207.81 | | 0 | 831 |
| 1.1 | Unmetered Hrs < 1318 | | 980.00 | 3852 | 321 | | 373.02 | | 1680 | 1426 |
| | Amravati | | 922.00 | 484 | | | 70.16 | | 96 | 281 |
| | Aurangabad | | 1,224.00 | 1130 | | | 70.79 | | 224 | 283 |
| | Kalyan | | 1,300.00 | 30 | | | 0.02 | | 6 | 0 |
| | Konkan | | 533.00 | 0 | | | 0.00 | | 0 | 0 |
| | Kolhapur | | 1,198.00 | 1814 | | | 18.50 | | 359 | 74 |
| | Latur | | 1,241.00 | 1567 | | | 138.95 | | 311 | 556 |
| | Nagpur (U) | | 644.00 | 68 | | | 2.00 | | 13 | 8 |
| | Nagpur | | 778.00 | 141 | | | 0.000 | | 28 | 0 |
| | Nanded | | | | | | 72.61 | | 0 | 225 |
| 1.2 | LT-Unmetered PWW | | | 0 | | | | | 0 | 0 |
| | Total | 0 | 2,714.33 | 8982 | 748.50 | | 935.00 | | 3277 | 3740 |

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

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

FAC For JULY 2015

| Form 3: Energy Availability | | | | | | | | |
|-----------------------------|-------------------------------------|------|----------------|----------|-------------|--------------------------------|------------------------------|----------|
| Sr. No. | Source of Generation/Power Purchase | Unit | ORDER FY 15-16 | Jul-15 | | | Cumulative upto Month & Year | |
| | | | Order | Order | Actual | Reasons for material variation | Order | Actual |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) |
| | MSPGCL | MU | | | | | | |
| | Koradi 10 | MU | 1,481.00 | 123.42 | | | 370.25 | 339.97 |
| | Koradi 9 | MU | 1,781.00 | 148.42 | | | 445.25 | - |
| | Koradi 8 | MU | 2,962.00 | 246.83 | | | 740.50 | - |
| | Chandrapur 8 | MU | 2,170.00 | 180.83 | - | | 542.50 | - |
| | Chandrapur 9 | MU | 1,562.00 | 130.17 | - | | 390.50 | - |
| | Paras 3 and 4 | MU | 3,125.00 | 260.42 | 282,406.42 | | 781.25 | 1,043.83 |
| | khaperkheda | MU | 5,330.00 | 444.17 | 337,136.752 | | 1,332.50 | 1,327.02 |
| | parli 8 | MU | 451.00 | 37.58 | | | | |
| | khaperkheda 5 | MU | 3,072.00 | 256.00 | 283,818.591 | | 768.00 | 1,106.80 |
| | Chandrapur | MU | 11,562.00 | 963.50 | 857,291.48 | | 2,890.50 | 3,709.84 |
| 3430.3 | Hydel Stations | MU | 4,612.00 | 384.33 | 224,817.45 | | 2,306.00 | 1,798.92 |
| | Subtotal | MU | 38,108.00 | 3,175.67 | 1,985.47 | | 10,567.25 | 9,326.38 |
| 2.0 | Net Power Purchase ² | MU | | | | | | |
| | Central Gen Stns | | 29,696.00 | 2,474.67 | 2,437.69 | | 7,424.00 | 9,571.50 |
| | Korba | MU | 4,661.00 | 388.42 | 413.43 | | 1,165.25 | 1,613.17 |
| | Korba III | MU | 936.00 | 78.00 | 51.90 | | 234.00 | 263.22 |
| | Vindhyanchal - I | MU | 3,268.00 | 272.33 | 267.61 | | 817.00 | 985.88 |
| | Vindhyanchal - II | MU | 2,548.00 | 212.33 | 105.38 | | 637.00 | 686.69 |
| | Vindhyanchal-III | MU | 2,123.00 | 176.92 | 207.76 | | 530.75 | 795.66 |
| | Vindhyanchal-IV | MU | 2,292.00 | 191.00 | 200.02 | | 573.00 | 826.50 |
| | Vindhyanchal-V | MU | 557.00 | 46.42 | | | 139.25 | - |
| | Kawas - APM | MU | - | - | 52.55 | | - | 172.41 |
| | Gandhar - APM | MU | - | - | 4.64 | | - | 98.47 |
| | Farrakka | MU | - | - | | | - | - |
| | Talcher | MU | - | - | | | - | - |
| | Kahalgaon | MU | - | - | | | - | - |
| | Kahalgaon II unit | MU | - | - | 82.18 | | - | 307.41 |
| | Sipat - Unit 1 | MU | 4,363.00 | 363.58 | 392.80 | | 1,090.75 | 1,266.04 |
| | Sipat Unit 2 | MU | 2,068.00 | 172.33 | 138.96 | | 517.00 | 692.47 |
| | Mouda | MU | - | - | 77.554 | | - | 123.73 |
| | Kakrapar | MU | 1,050.00 | 87.50 | 49.81 | | 262.50 | 254.94 |
| | Tarapur 1 & 2 | MU | 1,200.00 | 100.00 | 42.04 | | 300.00 | 176.95 |
| | Tarapur 3 & 4 | MU | 3,300.00 | 275.00 | 296.09 | | 825.00 | 1,102.32 |
| | RGPLL - | MU | - | - | | | - | - |
| | Sardar Sarovar | MU | 1,200.00 | 100.00 | 50.02 | | 300.00 | 192.63 |
| | Pench | MU | 130.00 | 10.83 | 4.96 | | 32.50 | 13.00 |

| Form 3: Energy Availability | | | | | | | | |
|--|---|-----------|--------------------|-----------------|-----------------|---------------------------------|--------------------------------|------------------|
| Sr. No. | Source of Generation/Power Purchase | Unit | ORDER FY 15-16 | Jul-15 | | | Cumulative upto Month & Year | |
| | | | | Order | Order | Actual | Reasons for material variation | Order |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) |
| | HYDRO PLANT | | 120.00 | 10.00 | 8.31 | - | 30.00 | 30.19 |
| | Dodson - I | MU | 56.00 | 4.67 | 2.711 | | 14.00 | 10.47 |
| | Dodson - II | MU | 64.00 | 5.33 | 5.596 | | 16.00 | 19.71 |
| | Renewables | MU | 13,195.00 | 1,099.58 | 1,194.50 | - | 3,298.75 | 3,686.94 |
| | CPP | MU | 1,977.00 | 164.75 | 61.97 | | 494.25 | 273.95 |
| | Wind Purchase & Bio mass Bagasse | MU | | | 1095.266 | | 2,804.50 | 3,254.26 |
| | Solar | MU | 11,218.00 | 934.83 | 23.154 | | - | 116.57 |
| | MSW | MU | | | 0.033 | | - | 0.18 |
| | Other Hydro | MU | | | 14.07 | | - | 41.98 |
| | Other Purchases | MU | 30,491.00 | 2,540.92 | 2,463.49 | - | 3,895.50 | 4,921.56 |
| | IPP JSW | MU | 1,913.00 | 159.42 | 18.25 | | 478.25 | 291.35 |
| | Mundra UMPP CGPI | MU | 5,158.00 | 429.83 | 393.16 | | 1,289.50 | 1,593.38 |
| | Adani Power 1320 | MU | 8,511.00 | 709.25 | 712.59 | | 2,127.75 | 3,036.83 |
| | Adani Power 1200 | MU | 8,220.00 | 685.00 | 761.55 | | | 3,113.65 |
| | Adani Power 125 | MU | - | - | 79.33 | | | 324.34 |
| | Emco Energy | MU | 1,370.00 | 114.17 | 105.54 | | | 481.35 |
| | INDIABULL/RattanIndia | MU | 5,319.00 | 443.25 | 393.07 | | 1,329.75 | 926.33 |
| | Traders | MU | - | - | 1,516.08 | | - | 5,842.95 |
| | IEX power | MU | | | 218.24 | | - | 257.56 |
| | PTC | MU | | | - | | - | - |
| | Adani infirm | MU | | | - | | - | - |
| | AEL | MU | | | - | | - | - |
| | Indrajeet power | MU | | | - | | - | - |
| | IDEAL Energy | MU | | | - | | - | - |
| | Sai Wardha Power | MU | | | - | | - | 289.90 |
| | M/S KNOWLEDGE INFRA | MU | | | - | | - | - |
| | MSPGCL Infirm | MU | | | 16.96 | | - | 33.92 |
| | PXIL | MU | | | 93.34 | | - | 105.21 |
| | bhusawal | | | | 102.05 | | - | 231.41 |
| | koradi | | | | 125.57203 | | - | 607.55 |
| | nashik | | | | 232.29 | | - | 1,256.95 |
| | Parli | | | | 15.573581 | | - | 386.58 |
| | uran | | | | 182.21 | | - | 706.97 |
| | parli 6 7 | | | | 32.14 | | - | 775.69 |
| | Bhusawal unit 4&5 | | | | 497.703 | | - | 2,054.72 |
| | Inter state (grid) Losses | MU | (1,152.00) | (96.00) | (96.00) | | (288.00) | (410.17) |
| | Unscheduled Interchange (UI) | MU | - | - | - | | - | - |
| | Subtotal | MU | 1,10,458.00 | 9,204.83 | 9,509.54 | 8,411.04 | 24,927.50 | 32,969.35 |
| 3.0 | Energy Available | MU | | | | | | |
| 3.2 | Net Generation + Net Power Purchase (1.6+2.0) | MU | 1,10,458.00 | 9,204.83 | 9,605.54 | Inter state (Grid) losses 96.00 | 24,927.50 | 38,731.76 |
| 3.3 | Net Energy Available at transmission voltage | MU | 1,10,458.00 | 9,204.83 | 9,630.54 | | 27,614.50 | 38,831.76 |
| 3.4 | Net Energy Available at distribution voltage | MU | 106161 | 8,846.75 | 9,744.78 | | 26,540.25 | 38,566.51 |
| Note: 1. All the parameters and power purchase has been considered as per MYT order for FY2015-16 of MSEDCL dt 26.6.15 | | | | | | | | |
| 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. | | | | | | | | |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For JULY 2015
Prakashgad, Bandra (E), Mumbai.

Title **Form 4: Losses**

| Sr. No. | Parameter | Unit | ORDER FY 15-16 | Jul-15 | | Cumulative upto Month & Year | |
|---------|---|------|-------------------|----------|-------------|---------------------------------|----------|
| | | | | Order | Actual | Order | Actual |
| (A) | (B) | (C) | (D) | (E) | (F) | (I) | (J) |
| 1.0 | Transmission and Stepdown Loss ¹ | | | | | | |
| 1.1 | Net Energy Input at transmission voltages (Net Generation + Net Purchase) * | MU | 1,10,458.00 | 9,204.83 | 9631 | 36,499.17 | 38832 |
| 1.2 | Energy Sales at transmission voltages | MU | - | - | 0 | - | 0 |
| 1.3 | Energy fed to Distribution System | MU | 106161 | 8847 | 9745 | 35,016.01 | 38567 |
| 1.4 | Transmission and Stepdown Loss (1.1 - 1.2 - 1.3) | MU | 4297 | 358 | -114 | 1483.16 | 265.25 |
| 1.5 | Transmission and Stepdown Loss as % of Net Energy Input (1.4 / 1.1) | % | 3.89% | 3.89% | -1.19% | 4.06% | 0.68% |
| 2.0 | Distribution Loss ¹ | | | | | | |
| 2.1 | Net Energy Input (input from Transmission System + net energy input at distribution voltages) | MU | 1,06,608.00 | 8,884.00 | 9744.78 | 35,175.01 | 38580 |
| 2.2 | Energy Sales (Metered) at distribution voltages | MU | 83234 | 6936 | 7217.14 | 26,754.11 | 29309.95 |
| 2.3 | Estimated Consumption for Unmetered Categories | MU | 8982 | 749 | 935.00 | 3,277.06 | 3740.01 |
| 2.4 | Distribution Loss (2.1 - 2.2 - 2.3) | MU | 14392 | 1199 | 1592.63 | 5,143.84 | 5,530.00 |
| 2.5 | Distribution Loss as % of net energy input (2.4 / 2.1) | % | 13.50% | 13.50% | 16.34% | 14.62% | 14.33% |
| 3.0 | Transmission and Distribution (T&D) Loss | | | | | | |
| 3.1 | Net Energy Input (i.e. Net Generation + Net Power Purchase) | MU | 1,10,458.00 | 9,204.83 | 9630.54 | 36,499.17 | 38832 |
| 3.2 | Energy Sales (Metered + Unmetered) (1.2+2.2+2.3) | MU | 92216.00 | 7,684.67 | 8152.14 | 30,031.17 | 33050 |
| 3.3 | T&D Loss (3.1 - 3.2) | MU | 18242.00 | 1,520.17 | 1478.39 | 6,468.00 | 5781.80 |
| 3.4 | T&D Loss as % of Net Energy Input (3.3 / 3.1) | % | 16.51% | 16.51% | 15.35% | 17.72% | 14.89% |
| 4.0 | Excess T&D Loss = T&D Loss (3.3) - T&Dapp x Net Energy Input (3.1) | MU | | | 81.26516059 | | |

Note: Excess T&D loss computed on cumulative distribution loss only.

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

FAC For JULY 2015

| Title Form 5: Power Purchase Cost | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---------------------------|------------------------|----------------------------|---------------------------|------------------------|----------------------------|---------------------------|---------------------|---------------------|-----------------------|------------|-----------------------|----------------------------|------------------------|-------------------------------------|----------------------------|------------------------|
| Sr. No. | Power Purchase Source ² | ORDER FY 15-16 | | | Order for Month & Year | | | Jul-15 | | | | | | | | Cumulative Actual upto Month & Year | | |
| | | Net Purchase ³ | Var. Cost ⁵ | Var. Cost Amt ⁴ | Net Purchase ³ | Var. Cost ⁵ | Var. Cost Amt ⁴ | Net Purchase ³ | Tariff ⁶ | PP Amt ⁷ | FAC Unit ⁸ | FAC Amount | FAC Amt ¹⁰ | Var. Cost Amt ⁴ | Var. Cost ⁵ | Net Purchase ³ | Var. Cost Amt ⁴ | Var. Cost ⁵ |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) = (I)*(J) | (L) | (M) | (N) = (L)*(M) | (O) = (K)+(N) | (P) | (O) | (R) | (S)=(R)/(O) |
| | | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs Lakh | Rs Lakh | Rs Lakh | Rs/ kWh | MU | Rs Lakh | Rs/ kWh |
| | MSPGCL | | | | | | | | | | | | | | | | | |
| | Koradi 10 | 1481 | 1.25 | 18,512.50 | 123.42 | 1.25 | 1542.71 | - | - | - | 0.00 | 0.00 | - | - | | 339.97 | 9646.36 | 2.84 |
| | Koradi 9 | 1781 | 1.25 | 22,262.50 | 148.42 | 1.25 | 1855.21 | - | - | 0.00 | 0.00 | 0.00 | - | - | | - | 0.00 | #DIV/0! |
| | Koradi 8 | 2962 | 1.25 | 37,025.00 | 246.83 | 1.25 | 3085.42 | - | - | 0.00 | 0.00 | 0.00 | - | - | | - | 0.00 | #DIV/0! |
| | Chandrapur 8 | 2170 | 1.26 | 27,342.00 | 180.83 | 1.26 | 2278.50 | - | - | 0.00 | 0.00 | 0.00 | - | - | | - | 0.00 | #DIV/0! |
| | Chandrapur 9 | 1562 | 1.26 | 19,681.20 | 130.17 | 1.26 | 1640.10 | - | - | 0.00 | 0.00 | 0.00 | - | - | | - | 0.00 | #DIV/0! |
| | Paras 3 and 4 | 3125 | 1.87 | 58,574.38 | 260.42 | 1.87 | 4881.20 | 282.406 | 2.307111 | 6515.43 | 282.41 | 1222.06 | 6,515.43 | 2.31 | 1,043.83 | 22616.74 | 2.17 | |
| | khaperkheda | 5330 | 2.17 | 1,15,519.17 | 444.17 | 2.17 | 9626.60 | 337.137 | 2.626640 | 8855.37 | 337.14 | 1548.47 | 8,855.37 | 2.63 | 1,327.02 | 35718.31 | 2.69 | |
| | parli 8 | 451 | 2.27 | 10,237.70 | 37.58 | 2.27 | 853.14 | - | - | 0.00 | 0.00 | 0.00 | - | - | | 237.07 | 8515.71 | 3.59 |
| | khaperkheda 5 | 3072 | 2.23 | 68,566.49 | 256.00 | 2.23 | 5713.87 | 283.819 | 2.895505 | 8217.98 | 283.82 | 1883.20 | 8,217.98 | 2.90 | 1,106.80 | 28978.16 | 2.62 | |
| | Chandrapur | 11562 | 2.47 | 2,85,212.57 | 963.50 | 2.47 | 23767.71 | 857.291 | 3.100248 | 26578.16 | 857.29 | 5430.41 | 26,578.16 | 3.10 | 3,709.84 | 108098.61 | 2.91 | |
| | Total MSPGCL | 33496.00 | 1.98 | 662933.50 | 2791.33 | 1.98 | 55244.46 | 1760.65 | 2.849337 | 50166.94 | 1760.65 | 10084.14 | 0.00 | 50166.94 | 2.85 | 7764.53 | 213573.89 | 2.75 |
| | Central Gen Stns | 29,696.00 | 1.46 | 4,32,869.00 | 2,474.67 | 1.46 | 36,072.42 | 2,437.69 | 1.67 | 40,672.31 | 2,437.69 | - | - | 40,672.31 | 1.67 | 9,525.32 | 1,57,284.49 | 0.39 |
| | Korba | 4,661.00 | 1.13 | 52,669.30 | 388.42 | 1.13 | 4,389.11 | 413.426 | 1.0707 | 4426.36 | 413 | 0 | 4,426.36 | 1.07 | 1,613.17 | 16138.11 | 1.00 | |
| | Korba III | 936.00 | 1.12 | 10,483.20 | 78.00 | 1.12 | 873.60 | 51.895 | 1.0547 | 547.34 | 52 | 0 | 547.34 | 1.05 | 263.22 | 2574.62 | 0.98 | |
| | Vindhyanchal - I | 3,268.00 | 1.62 | 52,941.60 | 272.33 | 1.62 | 4,411.80 | 267.611 | 1.5102 | 4041.55 | 268 | 0 | 4,041.55 | 1.51 | 985.88 | 15596.42 | 1.58 | |
| | Vindhyanchal - II | 2,548.00 | 1.54 | 39,239.20 | 212.33 | 1.54 | 3,269.93 | 105.377 | 1.4845 | 1564.30 | 105 | 0 | 1,564.30 | 1.48 | 686.69 | 10398.54 | 1.51 | |
| | Vindhyanchal-III | 2,123.00 | 1.50 | 31,845.00 | 176.92 | 1.50 | 2,653.75 | 207.758 | 1.3739 | 2854.47 | 208 | 0 | 2,854.47 | 1.37 | 795.66 | 11743.63 | 1.48 | |
| | Vindhyanchal-IV | 2,292.00 | 1.53 | 35,067.60 | 191.00 | 1.53 | 2,922.30 | 200.017 | 1.4318 | 2863.87 | 200 | 0 | 2,863.87 | 1.43 | 826.50 | 12299.95 | 1.49 | |
| | Vindhyanchal-V | 557.00 | 1.53 | 8,522.10 | 46.42 | 1.53 | 710.18 | - | - | 0.00 | 0 | 0 | - | - | | 0.00 | #DIV/0! | |
| | Kawas - APM | - | 2.86 | - | 0.00 | 2.86 | - | 52.549 | 3.2022 | 1682.72 | 53 | 0 | 1,682.72 | 3.20 | 172.41 | 5413.65 | 3.14 | |
| | Gandhar - APM | - | 2.67 | - | 0.00 | 2.67 | - | 4.642 | 4.6418 | 215.46 | 5 | 0 | 215.46 | 4.64 | 98.47 | 3081.16 | | |
| | Farrakka | - | - | - | 0.00 | - | - | - | - | 0.00 | 0 | 0 | - | - | | - | 0.00 | |
| | Talcher | - | - | - | 0.00 | - | - | - | - | 0.00 | 0 | 0 | - | - | | - | 0.00 | |
| | Kahajqaon | - | - | - | 0.00 | - | - | - | - | 0.00 | 0 | 0 | - | - | #DIV/0! | - | 0.00 | #DIV/0! |
| | Kahajqaon II | - | 2.69 | - | 0.00 | 2.69 | - | 82.178 | 2.4360 | 2001.87 | 82 | 0 | 2,001.87 | 2.44 | 307.41 | 7056.63 | 2.30 | |
| | Sipat - Unit 1 | 4,363.00 | 1.58 | - | 363.58 | - | - | 392.800 | 1.3091 | 5142.19 | 393 | 0 | 5,142.19 | 1.31 | 1,266.04 | 17475.32 | 1.38 | |
| | Sipat Unit 2 | 2,068.00 | 1.60 | 33,088.00 | 172.33 | 1.60 | 2,757.33 | 138.961 | 1.3150 | 1827.31 | 139 | 0.00 | 1,827.31 | 1.31 | 692.47 | 9707.30 | 1.40 | |
| | Mouda | - | 3.99 | - | 0.00 | 3.99 | - | 77.554 | 3.0195 | 2341.74 | 78 | 0.00 | 2,341.74 | 3.02 | 77.55 | 2341.74 | 3.02 | |
| | Kakrapar | 1,050.00 | 2.46 | 25,830.00 | 87.50 | 2.46 | 2,152.50 | 49.810 | 2.3538 | 1172.44 | 50 | 0.00 | 1,172.44 | 2.35 | 254.94 | 6043.38 | 2.37 | |
| | Tarapur 1 & 2 | 1,200.00 | 1.04 | 12,480.00 | 100.00 | 1.04 | 1,040.00 | 42.045 | 0.9719 | 408.61 | 42 | - | 408.61 | 0.97 | 176.95 | 1719.61 | 0.97 | |
| | Tarapur 3 & 4 | 3,300.00 | 3.07 | 1,01,310.00 | 275.00 | 3.07 | 8,442.50 | 296.085 | 2.8556 | 8454.96 | 296 | - | 8,454.96 | 2.86 | 1,102.32 | 31478.89 | 2.86 | |
| | RGPP - | - | - | - | 0.00 | - | - | - | - | 0.00 | 0 | - | - | - | #DIV/0! | - | 0.00 | #DIV/0! |
| | Sardar Sarovar | 1,200.00 | 2.21 | 26,520.00 | 100.00 | 2.21 | 2,210.00 | 50.025 | 2.0500 | 1025.51 | 50 | 0 | 1,025.51 | 2.05 | 192.63 | 3948.99 | 2.05 | |
| | Pench | 130.00 | 2.21 | 2,873.00 | 10.83 | 2.21 | 239.42 | 4.957 | 2.0500 | 101.61 | 5 | - | 101.61 | 2.05 | 13.00 | 266.56 | 2.05 | |
| | HYDRO PLANT | 120.00 | 2.12 | 2,543.20 | 10.00 | 2.12 | 211.93 | 8.307 | 2.11 | 175.52 | 8.31 | - | 175.52 | 2.11 | 30.19 | 715.19 | 0.41 | |
| | Dodson - I | 56.00 | 2.45 | 1,372.00 | 4.67 | 2.45 | 114.33 | 2.711 | 2.45 | 66.39 | 3 | 0.00 | 66.39 | 2.45 | 10.47 | 253.56 | 2.42 | |
| | Dodson - II | 64.00 | 1.83 | 1,171.20 | 5.33 | 1.83 | 97.60 | 5.596 | 1.95 | 109.13 | 6 | - | 109.13 | 1.95 | 19.71 | 461.63 | 2.34 | |
| | Renewables | 13,195.00 | 5.32 | 7,01,388.50 | 1,099.58 | 5.32 | 58,449.04 | 1,194.50 | 5.16 | 61,657.71 | 1,194.50 | - | - | 61,657.71 | 5.16 | 3,644.96 | 193573.98 | 5.31 |
| | CPP | 1,977.00 | 2.51 | 49,622.70 | 164.75 | 2.51 | 4,135.23 | 61.97 | 2.56 | 1585.22 | 62 | 0 | 1,585.22 | 2.56 | 273.95 | 5746.84 | 2.10 | |
| | Wind Purchase & Bio mass | 11,218.00 | 5.81 | 6,51,765.80 | 934.83 | 5.81 | 54,313.82 | 1,095.27 | 5.17 | 56592.73 | 1095 | - | 56,592.73 | 5.17 | 3,254.26 | 173417.17 | 5.33 | |
| | Solar | - | - | - | 0.00 | - | - | 23.15 | 12.76 | 2,955.01 | 23 | - | 2,955.01 | 12.76 | 116.57 | 14401.41 | 12.35 | |
| | MSW | - | - | - | 0.00 | - | - | 0.03 | 4.88 | 1.63 | 0 | - | 1.63 | 4.88 | 0.18 | 8.56 | 4.88 | |
| | Other Hydro | - | - | - | 0.00 | - | - | 14.07 | 3.72 | 523.12 | 14 | - | 523.12 | 3.72 | - | - | - | |
| | Other Purchases | 30,491.00 | 1.90 | 5,80,035.40 | 2,540.92 | 1.90 | 48,336.28 | 2,463.49 | 2.32 | 57,125.23 | 2,463.49 | - | - | 57,125.23 | 2.32 | 8,035.21 | 161358.97 | 2.01 |
| | IPP JSW | 1,913.00 | 2.05 | 39,216.50 | 159.42 | 2.05 | 3,268.04 | 18.25 | 1.89 | 345.26 | 18 | - | 345.26 | 1.89 | 291.35 | 5603.26 | 1.92 | |
| | Mundra UMPP | 5,158.00 | 1.55 | 79,949.00 | 429.83 | 1.55 | 6,662.42 | 393.16 | 1.43 | 5626.73 | 393 | - | 5,626.73 | 1.43 | 1,593.38 | 23000.79 | 1.44 | |
| | Adani Power 1320 | 8,511.00 | 1.55 | 1,31,920.50 | 709.25 | 1.55 | 10,993.38 | 712.59 | 1.57 | 11170.47 | 713 | - | 11,170.47 | 1.57 | 3,036.83 | 45733.95 | 1.51 | |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.
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FAC For JULY 2015

| Title Form 5: Power Purchase Cost | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---------------------------|------------------------|----------------------------|---------------------------|------------------------|----------------------------|---------------------------|---------------------|---------------------|-----------------------|------------|-----------------------|----------------------------|------------------------|-------------------------------------|----------------------------|------------------------|
| Sr. No. | Power Purchase Source ² | ORDER FY 15-16 | | | Order for Month & Year | | | Jul-15 | | | | | | | | Cumulative Actual upto Month & Year | | |
| | | Net Purchase ³ | Var. Cost ⁵ | Var. Cost Amt ⁴ | Net Purchase ³ | Var. Cost ⁵ | Var. Cost Amt ⁴ | Net Purchase ³ | Tariff ⁶ | PP Amt ⁷ | FAC Unit ⁸ | FAC Amount | FAC Amt ¹⁰ | Var. Cost Amt ⁴ | Var. Cost ⁵ | Net Purchase ³ | Var. Cost Amt ⁴ | Var. Cost ⁵ |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) = (I)* (J) | (L) | (M) | (N) = (L)*(M) | (O) = (K)+(N) | (P) | (Q) | (R) | (S)=(R)/(Q) |
| | | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs Lakh | Rs Lakh | Rs Lakh | Rs/ kWh | MU | Rs Lakh | Rs/ kWh |
| | Adani Power 1200 | 8,220.00 | 2.16 | 1,77,552.00 | 685.00 | 2.16 | 14,796.00 | 761.55 | 2.21 | 16864.25 | 762 | - | 0 | 16,864.25 | 2.21 | 3,113.65 | 87020.97 | 2.79 |
| | Adani Power 125 | - | 3.02 | - | 0.00 | 3.02 | - | 79.33 | 2.21 | 1756.69 | 79 | - | 0 | 1,756.69 | 2.21 | 324.34 | 9064.68 | 2.79 |
| | Emco Energy | 1,370.00 | 1.50 | 20,550.00 | 114.17 | 1.50 | 1,712.50 | 105.54 | 10.54 | 11119.58 | 106 | - | 0 | 11,119.58 | 10.54 | 481.35 | 19613.33 | 4.07 |
| | INDIABULL/RattanIndia | 5,319.00 | 2.46 | 1,30,847.40 | 443.25 | 2.46 | 10,903.95 | 393.07 | 2.61 | 10242.26 | 393 | - | 0 | 10,242.26 | 2.61 | 926.33 | 24165.84 | 2.61 |
| | Traders | | 4.00 | | | 4.00 | - | 1516 | 3.27 | 49593 | 1516 | - | 0 | 49,592.91 | 3.27 | 670 | 21377 | 3.19 |
| | IEX power | | | - | | | | 218.24 | 2.71 | 5904.38 | 218 | - | 0 | 5,904.38 | 2.71 | 257.56 | 6989.21 | 2.71 |
| | PTC | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | Adani infirm | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | AEL | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | Indrajeet power | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | IDEAL Energy | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | Sai Wardha Power | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | 289.90 | 8408.03 | 2.90 |
| | M/S KNOWLEDGE | | | | | | | - | - | 0.00 | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | MSPGCL Infirm | | | | | | | 16.96 | 17.58 | 2981 | 17 | - | 0 | 2,981.33 | 17.58 | 16.96 | 2981.33 | 17.58 |
| | PXIL | | | | | | | 93.34 | 2.89 | 2698.12 | 93 | - | 0 | 2,698.12 | 2.89 | 105.21 | 2998.64 | 2.85 |
| | bhusawal | | | | | | | 102.05 | 2.88 | 2943.90 | 102 | - | 0 | 2,943.90 | 2.88 | - | 0.00 | - |
| | koradi | | | | | | | 125.57 | 3.11 | 3909.80 | 126 | - | 0 | 3,909.80 | 3.11 | - | 0.00 | - |
| | nashik | | | | | | | 232.29 | 4.30 | 9992.11 | 232 | - | 0 | 9,992.11 | 4.30 | - | 0.00 | - |
| | Parli | | | | | | | 15.57 | 3.83 | 596.70 | 16 | - | 0 | 596.70 | 3.83 | - | 0.00 | - |
| | uran | | | | | | | 182.21 | 2.95 | 5369.64 | 182 | - | 0 | 5,369.64 | 2.95 | - | 0.00 | - |
| | parli 6 7 | | | | | | | 32.14 | 3.12 | 1003.98 | 32 | - | 0 | 1,003.98 | 3.12 | - | 0.00 | - |
| | Bhusawal unit 4&5 | | | | | | | 497.70 | 2.85 | 14192.94 | 498 | - | 0 | 14,192.94 | 2.85 | - | 0.00 | - |
| | Inter state (grid) Losses | | | - | 0 | - | - | (96.00) | - | - | (96) | - | 0 | - | - | (410.17) | 0.00 | - |
| | Unscheduled Interchange (UI) | | | - | 0 | - | - | - | - | - | 0 | - | 0 | - | - | - | 0.00 | #DIV/0! |
| | Total Power Purchase | 1,06,998.00 | 2.2241 | 23,79,769.60 | 8,916.50 | 2.2241 | 1,98,314.13 | 9,284.72 | 2.794 | 2,59,390.62 | 9,284.72 | - | 0 | 2,59,390.62 | 2.79374 | 29,259.67 | 747883.73 | 2.56 |

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

FAC For JULY 2015

Table 6.1
Title Composite variable cost of generation and power purchase

| Sr. No. | Parameter | ORDER FY 15-16 | | | Order for Month & Year | | | Jul-15 | | | Normative Actual ⁴ for Month & Year | | | Cumulative Actual upto Month & Year | | |
|---------|---|----------------|------------------------|----------------------------|------------------------|------------------------|----------------------------|----------|------------------------|----------------------------|--|------------------------|----------------------------|-------------------------------------|------------------------|----------------------------|
| | | Energy | Var. Cost ² | Var. Cost Amt ³ | Energy | Var. Cost ² | Var. Cost Amt ³ | Energy | Var. Cost ² | Var. Cost Amt ³ | Energy | Var. Cost ² | Var. Cost Amt ³ | Unit | Var. Cost ² | Var. Cost Amt ³ |
| | | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh | MU | Rs/ kWh | Rs Lakh |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) | (O) | (P) | (Q) |
| 3.0 | Net Power Purchase (Table No. 4.1) | 1,06,998.00 | 2.22 | 23,79,769.60 | 8,916.50 | 2.22 | 1,98,314.13 | 9,284.72 | 2.7937 | 2,59,390.62 | 9,284.72 | 2.7937 | 2,59,390.62 | 29,259.67 | 2.56 | 7,47,883.73 |
| 4.0 | Own Generation + Net Power Purchase (1.0-2.0+3.0) | 1,06,998.00 | 2.22 | 23,79,769.60 | 8,916.50 | 2.224125 | 1,98,314.13 | 9,284.72 | 2.79 | 2,59,390.62 | 9,284.72 | 2.79374 | 2,59,390.62 | 29,259.67 | 2.56 | 7,47,883.73 |

52,886.84

52886.84146

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For JULY 2015
Prakashgad, Bandra (E), Mumbai.

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 | 2.22 |
| 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 | 2.79 |
| 3.0 | Change in variable cost of generation and power purchase (2.0-1.0) | Rs/kWh | 0.57 |
| 4.0 | Generation ¹ + Net Power Purchase (Table No.6.1 Sr. No.4.0, Col. No. (L)) | MU | 9,284.72 |
| 5.0 | Change in variable cost of generation and power purchase (3.0 x 4.0) | Rs Lakh | 52,886.84 |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. FAC For JULY 2015
Prakashgad, Bandra (E), Mumbai.

FORM 8

Title Apportionment of change in variable cost of generation and power purchase (C) to License Area

| Sr. No. | Parameter | Unit | Sale within License Area | Sale outside License Area | Total |
|---------|---|----------|--------------------------|---------------------------|-----------------|
| (A) | (B) | (C) | (D) | (E) | (F) = (D) + (E) |
| 1 | Energy Sales (Table 1.1, Sr. No. 5.0) | MU | | | - |
| 2 | Apportionment of Generation and Power purchase | | NOT APPLICABLE | | |
| 2.1 | Apportionment of hydel generation ¹ | MU | | | - |
| 2.2 | Apportionment of net thermal generation and power purchase ^{2&3} (Table 3.3, Sr. No. 5.0) | MU | | | - |
| 2.3 | Apportionment of generation and power purchase (2.2 + 2.3) | MU | | | - |
| 3 | Apportionment of change in variable cost of generation and power purchase (Table 6.2, Sr. No. 5.0) in proportion of 2.2 above | Rs Crore | | | - |

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

| 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 (Feb 15) | Rs Lakh | 36,404.95 |
| | Incremental cost in Month j-4 actually recovered in month j-2 (Nov 14) | Rs Lakh | 21,805 |
| 1.3 | under recovery /over recovery | Rs Lakh | 14,599.68 |
| 2.0 | C/F DUE TO LEFT OUT OF FAC for JUN 15 | Rs Lakh | (10,649.20) |
| 2.3 | MERC case No 122 of 2014 for MSPGCL true up of 12-13 impaCT 7TH INSTALMENT | Rs Lakh | 10,635.33 |
| 2.3 | FBSM nov 14 impact | Rs Lakh | 2,866.82 |
| 3.0 | Adjustment factor for over-recovery/under-recovery | Rs Lakh | 2,852.95 |
| Over/under recovery is charged catagorywise and slabwise in 8.3 statement so it is not considered here in calculating FAC p/u | | | |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. JULY 2015
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Title **Form 10: Carrying cost for over-recovery/under-recovery**

| Sr. No. | Parameter | Unit | Value |
|---------|--|---------|-----------|
| (A) | (B) | (C) | (D) |
| 1.0 | Adjustment factor for over-recovery/under-recovery (Sr. No. 3 of Form 9) | Rs Lakh | 14,599.68 |
| 2.0 | Interest rate | % | 14.45% |
| 3.0 | Carrying cost for over-recovery/under-recovery | Rs Lakh | 351.61 |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION BOARD
Prakashgad, Bandra (E), Mumbai.

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

| Sr. No. | Parameter | Unit | Value |
|---------|---|---------|-----------|
| (A) | (B) | (C) | (D) |
| 1.0 | Change in Fuel cost and power purchase cost attributable to Sales within the License Area (F) | Rs Lakh | 52,886.84 |
| 2.0 | Carrying cost for over-recovery/under-recovery (C) | Rs Lakh | 351.61 |
| 3.0 | Adjustment factor for over-recovery/under-recovery (B) | Rs Lakh | 2,852.95 |
| 4.0 | $Z_{FAC} = F+C+B$ | Rs Lakh | 56,091.40 |
| 5.0 | Any unpredictable and uncontrollable expenses incurred (Z) ¹ | Rs Lakh | 0 |
| 6.0 | FOCA (A) = C + I + B + Z | Rs Lakh | 56,091.40 |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. For JULY 2015
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 the License Area | MU | 7,133.66 |
| 2.0 | Estimated Consumption within License Area (Table 1.2) | MU | 935.00 |
| 3.0 | Excess Distribution Loss | MU | 81.27 |
| 4.0 | Z _{FAC} | Rs Lakh | 56,091.40 |
| 5.0 | Z _{FAC} per kWh | Paise/kWh | 68.82 |
| 6.0 | Cap on monthly FAC/FOCA Charge | Rs/kWh | N.A. |
| 6.1 | Cap at 20% of the variable component of tariff ² | 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}) | Rs/kWh | 0.688244 |

- 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

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. For JULY 2015
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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 hrs/HP/year | FAC Charge ¹ Rs/HP/ month | Load HP | Estimated Recovery Rs Lakh |
|---------|--------------------------------|---------------------------------|---|------------|-------------------------------|
| (A) | (B) | (C) | (D) = $(C)/12*0.746*FA$ C_{kWh}^2 | (E) | (F) |
| | LT-AG (> 1318 Hours per year) | 1,734.33 | 43.44 | | - |
| | LT-AG (< 1318 Hours per year) | 980.00 | 24.55 | | - |
| | Total | | | | |

Notes:

- 1 Round off FOCA Charge to 1 decimal
- 2 Consider $FOCA_{kWh}$ as per Table 7.1, Sr. No. 7.0

Prakashgad, Bandra (E), Mumbai.

Form 14: Recovery of FAC Charge

| Form 14: Recovery of FAC Charge | | | |
|---------------------------------|---|---------|----------|
| Title | Recovery of FAC/FOCA Charge | | |
| Sr. No. | Parameter | Unit | Value |
| (A) | (B) | (C) | (D) |
| 1.0 | Allowable FAC | Rs Lakh | 56091.40 |
| 2.0 | FAC disallowed corresponding to excess Distribution Loss | Rs Lakh | 0.00 |
| 3.0 | Total FAC based on category wise and slab wise allowed to be recovered in the billing month of ____ | Rs Lakh | 0.00 |
| | Carried forward FAC for recovery during future period (1-3-4) | Rs Lakh | 0.00 |
| | | | |

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD. JULY 2015
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Form 15: Summary

Title Summary of FAC (A) and FAC_{kWh}

| Sr. No. | Parameter | Unit | Value |
|------------|---|-----------|-----------|
| (A) | (B) | (C) | (D) |
| 1.0 | Calculation of Z_{FAC} | | |
| 1.1 | Change in cost of generation and power purchase attributable to Sales within the License Area (F) | Rs Lakh | 52,886.84 |
| 1.2 | Carrying cost for over-recovery/under-recovery (C) | Rs Lakh | 351.61 |
| 1.3 | Adjustment factor for over-recovery/under-recovery (B) | | 2,852.95 |
| 1.4 | Z_{FAC} = F+C+B | Rs Lakh | 56,091.40 |
| 2.0 | Calculation of FAC Charge | | |
| 2.1 | Energy Sales within the License Area | MU | 8,068.67 |
| 2.2 | Excess Distribution Loss | MU | 81.27 |
| 2.3 | FAC Charge (FAC _{kWh}) without considering cap on monthly FAC Charge | Paise/kWh | 68.82 |
| 2.4 | Z _{FAC} per kWh | Paise/kWh | 68.82 |
| 2.5 | FAC Charge (FAC _{kWh}) considering cap on monthly FAC Charge | Rs/kWh | 0.6882 |
| 3.0 | FAC (A) | | |
| 3.1 | FAC (A) considering cap on Monthly FAC Charge | Rs Lakh | 55,532.10 |
| 3.2 | FAC (A) disallowed corresponding to excess T&D loss | Rs Lakh | 559.30 |
| 3.3 | FAC (A) charged as per 8.3 categorywise and slabwise 1 | Rs Lakh | 54,837.40 |
| 3.4 | C/f from Previous month 2. | Rs Lakh | - |
| 3.5 | Under/over recovery from 6.6 statement 3. | Rs Lakh | 14,599.68 |
| 3.6 | Total FAC to be charged in current month 4=(1+2+3) | Rs Lakh | 69,437.09 |
| 3.7 | Actual FAC charged in current month categorywise and slabwise 5. | Rs Lakh | 70,134.97 |
| 3.8 | Carried forward FAC (A) for recovery during future period (4-5) | Rs Lakh | 0.00 |

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

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO.LTD

FAC For JULY 2015

| Sr. No. | Categories | ABR | energy charges | Average Cost of Supply | K-Factor-eng ch/ACos | Actual FAC (Paise/Kwh) | Categoriesw se FAC WITHOUT CAP (paise/Kwh) | Categoriesw se FAC WITH CAP (paise/Kwh) | Monthly Sale in Mus/HP | RATE PER HP | FAC AMT WITHOUT CAP | off from last months | FAC to be charged in the month of APRIL15 | Actual FAC charged in bill for the month of July 15 | Under / Over Recovery | Amount for the month | FAC for the month | Lower FAC Amt | FAC TO BE CHARGED IN BILLING MONTH | CF TO THE NEXT MONTH |
|-----------------|---|-----------|----------------|------------------------|----------------------|------------------------|--|---|------------------------|-------------|---------------------|----------------------|---|---|-----------------------|----------------------|-------------------|---------------|------------------------------------|----------------------|
| A | | PAISA KWH | | PAISA KWH | | a | b | c | d | IN LAKHS | IN LAKHS | IN LAKHS | IN LAKHS | IN LAKHS | IN LAKHS | Paisa/KWH | IN LAKHS | PAISA/KWH | IN LAKHS | |
| 1 | Domestic (LT-I) | | | | | | | 20% of energy ch | | | | | | | | | | | | |
| A | BPL (0-30 Units) | 1.42 | 0.87 | 6.03 | 0.24 | 68.82 | 16.21 | 17.40 | 6.586926 | | 10.68 | | 6.30 | 7.84 | -1.54 | 9.13 | 13.86 | 9.13 | 13.86 | 13.86 |
| B | Consumption > 30 Units per month | | | | | | | | | | | | | | | | | | | |
| i | 1-100 Units | 4.33 | 3.76 | 6.03 | 0.72 | 68.82 | 49.42 | 75.20 | 1041.80 | 5148.72 | | 1749.39 | 1674.932 | 74.46 | 5223.17 | 50.14 | 5223.17 | | 50.14 | 50.14 |
| ii | 101-300 Units | 7.75 | 7.21 | 6.03 | 1.29 | 68.82 | 88.46 | 144.20 | 457.29 | 4044.99 | | -228.12 | -313.563 | 85.45 | 4130.44 | 90.32 | 4130.44 | | 90.32 | 90.32 |
| iii | 301-500 Units | 10.5 | 9.95 | 6.03 | 1.74 | 68.82 | 119.84 | 199.00 | 73.91 | 885.75 | | -107.61 | -132.635 | 25.03 | 910.78 | 123.23 | 910.78 | | 123.23 | 123.23 |
| iv | 500-1000 Units | 11.87 | 11.31 | 6.03 | 1.97 | 68.82 | 135.48 | 226.20 | 43.22 | 585.55 | | 103.09 | 100.019 | 3.07 | 588.62 | 136.19 | 588.62 | | 136.19 | 136.19 |
| v | Above 1000 Units | 12.99 | 12.50 | 6.03 | 2.15 | 68.82 | 148.26 | 250.00 | 40.33 | 597.96 | | 359.54 | 277.751 | 81.79 | 679.75 | 168.54 | 679.75 | | 168.54 | 168.54 |
| | Sub Total Domestic | | | | | | | | | | | | | | | | | | | |
| 2 | Non Domestic (LT-2) | | | | | | | | | | | | | | | | | | | |
| A | 0-20 KW | | | | | | | | | | | | | | | | | | | |
| a | 0-200 Units | 7.89 | 6.60 | 6.03 | 1.31 | 68.82 | 90.05 | 132.00 | 139.61 | 1257.21 | | 441.57 | 417.193 | 24.37 | 1281.59 | 91.80 | 1281.59 | | 91.80 | 91.80 |
| b | Above 200 units | 10.99 | 9.62 | 6.03 | 1.82 | 68.82 | 125.44 | 192.40 | 139.79 | 1753.48 | | 422.39 | 399.091 | 23.30 | 1776.77 | 127.10 | 1776.77 | | 127.10 | 127.10 |
| B | >20-50 KW | 12.43 | 10.20 | 6.03 | 2.06 | 68.82 | 141.87 | 204.00 | 55.93 | 793.54 | | 288.94 | 279.528 | 9.41 | 802.95 | 143.55 | 802.95 | | 143.55 | 143.55 |
| | >50 KW | 15.07 | 13.01 | 6.03 | 2.50 | 68.82 | 172.00 | 260.20 | 33.45 | 575.30 | | 216.37 | 217.582 | -1.21 | 574.09 | 171.64 | 574.09 | | 171.64 | 171.64 |
| | Sub Total Non Domestic (LT-2) | | | | | | | | | | | | | | | | | | | |
| 3 | Public Water Works (LT-III) | | | | | | | | | | | | | | | | | | | |
| A | 0-20 KW | 3.04 | 2.70 | 6.03 | 0.50 | 68.82 | 34.70 | 54.00 | 44.02 | 152.75 | | 94.77 | 94.32952 | 0.44 | 153.19 | 34.80 | 153.19 | | 34.80 | 34.80 |
| B | 20-40 KW | 4.16 | 3.80 | 6.03 | 0.69 | 68.82 | 47.48 | 76.00 | 6.19 | 29.37 | | 12.68 | 12.59356 | 0.09 | 29.46 | 47.62 | 29.46 | | 47.62 | 47.62 |
| C | 40-50 KW | 5.37 | 5.00 | 6.03 | 0.89 | 68.82 | 61.29 | 100.00 | 4.12 | 25.26 | | 15.46 | 12.74896 | 2.71 | 27.97 | 67.86 | 27.97 | | 67.86 | 67.86 |
| | Sub Total PWW | | | | | | | | | | | | | | | | | | | |
| 4 | Agriculture (LT-IV) | | | | | | | | | | | | | | | | | | | |
| A | Unmetered Tariff | | | | | | | | | | | | | | | | | | | |
| i | Zones with Consumption norm < 1318 Hrs/HP/Annum | | | | | | | | | | | | | | | | | | | |
| A) | 0-5 HP | 3.53 | 2.54 | 6.03 | 0.59 | 68.82 | 40.29 | 50.89 | 4204316.05 | 24.55 | 1032.00 | | 2272.32 | 2272.32 | 3304.32 | 78.59354 | 2139.59 | | 24.55 | 1164.74 |
| B) | Above 5 HP | 3.53 | 2.78 | 6.03 | 0.59 | 68.82 | 40.29 | 55.54 | | 33.83 | 0.00 | | | 0.00 | | | | | 0.00 | |
| 2 | Zones with Consumption norm > 1318 Hrs/HP/Annum | | | | | | | | | | | | | | | | | | | |
| A) | 0-5 HP | 3.53 | 4.12 | 6.03 | 0.59 | 68.82 | 40.29 | 82.37 | 4189983.51 | 43.44 | 1820.13 | | 3228.66 | 3228.66 | 5048.79 | 120.49654 | 3451.40 | | 43.44 | 1597.39 |
| B) | Above 5 HP | 3.53 | 4.47 | 6.03 | 0.59 | 68.82 | 40.29 | 89.41 | | 96.40 | 0.00 | | | 0.00 | | | | | 0.00 | |
| B | Metered Tariff PUMP SETS | 2.81 | 2.58 | 6.03 | 0.47 | 68.82 | 32.07 | 51.60 | 9.81 | 31.46 | | 7653.92 | 38.33991 | 7615.58 | 7647.04 | 7796.92 | 50.61 | | 32.07 | 7596.43 |
| | Metered Tariff OTHER | 4.17 | 3.60 | 6.03 | 0.69 | 68.82 | 47.59 | 72.00 | 1145.85 | 5453.69 | | 0.00 | | 0.00 | 5453.69 | 7796.92 | 5453.69 | | 47.59 | |
| | Sub Total Agriculture | | | | | | | | | | | | | | | | | | | |
| 5 | LT Industries (LT-V) | | | | | | | | | | | | | | | | | | | |
| A | Power Loom | | | | | | | | | | | | | | | | | | | |
| B | 20 KW | 5.52 | 5.43 | 6.03 | 0.92 | 68.82 | 63.00 | 108.60 | 137.72 | 867.69 | | 1100.37 | 468.67331 | 631.70 | 1499.39 | 108.87 | 1495.66 | | 108.60 | 3.74 |
| | Above 20 KW | 7.23 | 6.88 | 6.03 | 1.20 | 68.82 | 82.52 | 137.60 | 117.07 | 966.09 | 102.635414 | 957.74 | 411.39278 | 546.35 | 1615.07 | 137.96 | 1610.91 | | 137.60 | 4.16 |
| | General | | | | | | | | | | | | | | | | | | | |
| A | 0-20 KW | 5.83 | 5.51 | 6.03 | 0.97 | 68.82 | 66.54 | 110.20 | 171.16 | 1138.95 | | 776.54 | 957.55906 | -181.02 | 957.93 | 55.97 | 957.93 | | 55.97 | 55.97 |
| B | Above 20 KW | 8.39 | 6.98 | 6.03 | 1.39 | 68.82 | 95.76 | 139.60 | 232.80 | 2229.28 | | 1432.30 | 1516.25169 | -83.96 | 2145.32 | 92.15 | 2145.32 | | 92.15 | 92.15 |
| 6 | Street Light (LT-VI) | | | | | | | | | | | | | | | | | | | |
| A | Grampanchayat A, B & C Class Municipal Council | 4.89 | 4.78 | 6.03 | 0.81 | 68.82 | 55.81 | 95.60 | 93.45 | 521.56 | | 323.44 | 309.81297 | 13.62 | 535.19 | 57.27 | 535.19 | | 57.27 | 57.27 |
| B | Municipal corporation Area | 5.98 | 5.80 | 6.03 | 0.99 | 68.82 | 68.25 | 116.00 | 33.34 | 227.57 | | 176.22 | 171.09233 | 5.13 | 232.70 | 69.79 | 232.70 | | 69.79 | 69.79 |
| | Sub Total Street Light | | | | | | | | | | | | | | | | | | | |
| 7 | Temporary Connection (LT-VII) | | | | | | | | | | | | | | | | | | | |
| A | Temporary Connection (Religious) | 4.51 | 3.71 | 6.03 | 0.75 | 68.82 | 51.48 | 74.20 | 0.07484 | 0.39 | | -4.78 | 0.19573 | -4.97 | -4.59 | -613.18 | -4.59 | | 51.48 | |
| B | Temporary Connection (Other Purposes) | 15.66 | 15.00 | 6.03 | 2.60 | 68.82 | 178.74 | 300.00 | 1.221242 | 21.83 | 14.80 | 25.26 | 15.11636 | 10.14 | 46.77 | 382.96 | 36.64 | | 300.00 | 10.13 |
| | Sub Total Temporary | | | | | | | | | | | | | | | | | | | |
| 8 | Advertising and Hording (LT-VIII) | 21.40 | 17.00 | 6.03 | 3.55 | 68.82 | 244.25 | 340.00 | 0.23 | 5.61 | | 5.19 | 4.18651 | 1.00 | 6.61 | 288.02 | 6.61 | | 288.02 | |
| 9 | Crematorium & Burial (LT-IX) | 4.12 | 3.91 | 6.03 | 0.68 | 68.82 | 47.02 | 78.20 | 0.09 | 0.43 | | 0.35 | 0.24663 | 0.11 | 0.54 | 58.63 | 0.54 | | 58.63 | |
| 10 | Public Services (LT X) | | | | | | | | | | | | | | | | | | | |
| A | Government | | | | | | | | | | | | | | | | | | | |
| i | <20 kw | 6.31 | | | | | | | | | | | | | | | | | | |
| 0-200 units | | 5.59 | 4.54 | 6.03 | 0.93 | 68.82 | 63.80 | 90.80 | 0.08 | 0.54 | 1.48715123 | | 0.13914 | -0.14 | 1.88 | 224.17 | 0.76 | | 63.80 | 1.12 |
| >200 units | | 6.76 | 5.84 | 6.03 | 1.12 | 68.82 | 77.16 | 116.80 | 0.13 | 1.00 | 10.7310156 | | 1.17770 | -1.18 | 10.55 | 817.77 | 1.51 | | 77.16 | 9.04 |
| ii | >20 -50 kw | 8.13 | 6.50 | 6.03 | 1.35 | 68.82 | 92.79 | 130.00 | 0.14 | 1.28 | 3.61088618 | | 0.82369 | -0.82 | 4.07 | 294.47 | 1.80 | | 92.79 | 2.27 |
| iii | >50 kw | 8.67 | 7.20 | 6.03 | 1.44 | 68.82 | 98.96 | 144.00 | 0.25 | 2.48 | 4.71113814 | | 1.70216 | -1.70 | 5.49 | 218.88 | 3.61 | | 98.96 | 1.88 |
| B | Others | 7.90 | | | | | | | | | | | | | | | | | | |
| 0-20 KW | | 7.30 | | | | | | | | | | | | | | | | | | |
| 0-200 Units | | 5.97 | 4.92 | 6.03 | 0.99 | 68.82 | 68.14 | 98.40 | 5.26 | 35.85 | | -1.95 | 21.61339 | -23.56 | 12.28 | 68.14 | 12.28 | | 68.14 | |
| Above 200 units | | 8.14 | 7.22 | 6.03 | 1.35 | 68.82 | 92.91 | 144.40 | 10.34 | 96.02 | | 5.31 | 67.06698 | -61.75 | 34.27 | 92.91 | 34.27 | | 92.91 | |
| >20-50 KW | | 8.95 | 7.32 | 6.03 | 1.48 | 68.82 | 102.15 | 146.40 | 4.22 | 43.10 | | -0.09 | 26.53539 | -26.62 | 16.47 | 102.15 | 16.47 | | 102.15 | |
| >50 KW | | 9.15 | 7.68 | 6.03 | 1.52 | 68.82 | 104.43 | 153.60 | 4.51 | 47.12 | | 4.35 | 30.53979 | -26.18 | 20.93 | 104.43 | 20.93 | | 104.43 | |
| | Total LT Category | | | | | | | | | 8398353.56 | | 30404.617 | 137.977 | 21329.937 | 7089.88 | 44782.652 | 34391.755 | 3334.167 | 10390.897 | |

