



***Maharashtra State Electricity Transmission  
Company Ltd.***

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**17/Oct/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 17/Oct/2009 SATURDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 115.000        | 1954.714        | 1) Madhya Pradesh              | 47.840         | 934.887         |
| 2) Hydro                 | 3.131          | 112.818         | 2) Gujrat                      | 23.197         | 284.329         |
| 3) Gas                   | 15.279         | 247.851         | 3) Goa                         | -5.595         | -115.943        |
| <b>Total MSGENCO</b>     | <b>133.410</b> | <b>2315.383</b> | 4) TAPS 1&2 (Inj.)             | 7.207          | 122.800         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.751         | -10.305         |
| 1) RGPPL Gas             | 23.010         | 365.786         | <b># Total Cent. Sector</b>    | <b>71.898</b>  | <b>1215.768</b> |
| 2) Wind Generation       | 1.807          | 100.770         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.751          | 10.305          | 1) With TPCL                   | 3.619          | -137.502        |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 34.096         | 476.302         | 1) MSEDCL Bilateral            | 1.796          | 29.170          |
| 2) TPCL Hydro            | 2.077          | 28.282          | Include PX                     | 0.000          | 0.130           |
| <b>TOTAL TPCL</b>        | <b>36.173</b>  | <b>504.584</b>  | 2) MUMBAI Bilateral            | -2.341         | 151.306         |
| 3) REL Thermal           | 12.609         | 213.229         | Include PX                     | 0.000          | 11.378          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | -2.341         | 154.631         |
| 1) Thermal (A1+C1+C3)    | 161.705        | 2644.245        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 5.959          | 151.405         | 1) MSEDCL                      | 234.495        | 3870.510        |
| 3) Gas (A3+B1)           | 38.289         | 613.637         | 2) TPCL                        | 29.478         | 560.086         |
| 4) Wind (B2)             | 1.807          | 100.770         | 3) REL                         | 15.780         | 295.295         |
| <b>TOTAL STATE</b>       | <b>207.760</b> | <b>3510.057</b> | <b>TOTAL STATE</b>             | <b>279.753</b> | <b>4725.891</b> |

**DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)**

| PARTICULARS                                                                | A. Morning Peak at 8 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|--------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4837                     | 5019                      | 4582                      |
| MSGENCO Hydro                                                              | 76                       | 161                       | 66                        |
| MSGENCO Gas                                                                | 660                      | 634                       | 650                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5573</b>              | <b>5814</b>               | <b>5298</b>               |
| Central Sector Receipt                                                     | 2528                     | 3707                      | 2700                      |
| RGPPL                                                                      | 960                      | 956                       | 964                       |
| WIND                                                                       | 118                      | 93                        | 52                        |
| Exchange with TPCL                                                         | 361                      | 41                        | 273                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9560</b>              | <b>10631</b>              | <b>9341</b>               |
| Load Shedding                                                              | 1805                     | 1531                      | 1096                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11365</b>             | <b>12162</b>              | <b>10437</b>              |
| TPCL GENERATION                                                            | 1487                     | 1869                      | 1379                      |
| REL GENERATION                                                             | 526                      | 523                       | 527                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>1652</b>              | <b>2351</b>               | <b>1633</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>11212</b>             | <b>12982</b>              | <b>10974</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>13017</b>             | <b>14513</b>              | <b>12070</b>              |
| Frequency (Hz)                                                             | 50.08                    | 50.00                     | 49.85                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                          |                           | 2421 MW AT 06.00 HRs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                          |                           | 31.51 MUs                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.36 Hz at 14.17 Hrs | 49.34 Hz at 05.31 Hrs | 49.91         | 0 % of Time      |

\* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 17/Oct/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.00        | 19.92         | 0        | 0        | 0        |
| Unit 2           | 0.90        | 18.75         | 76       | 0        | 0        |
| Unit 3           | 1.76        | 18.75         | 82       | 64       | 75       |
| Unit 4           | 1.76        | 12.03         | 88       | 62       | 75       |
| Unit 5           | 3.83        | 47.36         | 176      | 143      | 180      |
| Unit 6           | 3.60        | 53.64         | 176      | 111      | 160      |
| Unit 7           | 3.98        | 58.58         | 179      | 144      | 180      |
|                  | 15.83       | 229.03        |          |          | 670      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.15        | 17.94         | 53       | 41       | 50       |
| Unit 2           | 4.05        | 17.95         | 185      | 148      | 180      |
| Unit 3           | 4.07        | 61.94         | 191      | 151      | 190      |
|                  | 9.27        | 97.82         |          |          | 420      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.60        | 8.78          | 26       | 24       | 25       |
| Unit 2           | 0.57        | 7.98          | 24       | 22       | 25       |
| Unit 3           | 3.89        | 52.76         | 168      | 154      | 170      |
| Unit 4           | 4.72        | 69.66         | 204      | 192      | 200      |
| Unit 5           | 4.16        | 66.31         | 178      | 165      | 175      |
| Unit 6           | 4.42        | 84.00         | 217      | 0        | 190      |
|                  | 18.36       | 289.49        |          |          | 785      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.90        | 64.34         | 170      | 151      | 170      |
| Unit 2           | 4.12        | 44.80         | 178      | 164      | 170      |
| Unit 3           | 4.47        | 71.91         | 192      | 180      | 200      |
| Unit 4           | 4.74        | 77.78         | 205      | 174      | 210      |
| Unit 5           | 8.67        | 156.42        | 435      | 306      | 400      |
| Unit 6           | 8.93        | 129.86        | 440      | 101      | 400      |
| Unit 7           | 0.00        | 141.34        | 0        | 0        | 0        |
|                  | 34.82       | 686.45        |          |          | 1550     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 4.72          | 0        | 0        | 0        |
| Unit 3           | 0.89        | 64.33         | 198      | 0        | 0        |
|                  | 0.89        | 69.05         |          |          | 0        |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.50        | 74.38         | 210      | 165      | 180      |
| Unit 2           | 4.46        | 69.76         | 202      | 172      | 190      |
| Unit 3           | 4.35        | 69.00         | 198      | 159      | 185      |
| Unit 4           | 4.81        | 79.38         | 213      | 182      | 210      |
|                  | 18.11       | 292.52        |          |          | 765      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.83        | 33.53         | 90       | 58       | 87       |
| Unit 2           | 2.16        | 29.47         | 97       | 83       | 87       |
| Unit 3           | 4.77        | 78.34         | 208      | 167      | 205      |
| Unit 4           | 4.62        | 75.75         | 201      | 185      | 192      |
| Unit 5           | 4.33        | 73.27         | 188      | 176      | 177      |
|                  | 17.72       | 290.36        |          |          | 748      |
| Uran             |             |               |          |          |          |
| All Units        | 15.28       | 247.85        | 660      | 611      | 620      |
|                  | 15.28       | 247.85        |          |          | 620      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.45        | 30.50         | 220      | 35       | 600      |
| Stage 4          | 0.39        | 32.55         | 307      | 0        | 250      |
| Kovna 12&4 Total | 1.84        | 63.05         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.11         | 16.42         | 100      | 0        | 320         |
|                   | <b>1.96</b>  | <b>79.47</b>  |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 6.12          | 0        | 0        | 0           |
| VTRNA             | 0.00         | 0.12          | 0        | 0        | 0           |
| TILLARI           | 0.38         | 8.22          | 59       | 0        | 60          |
| BHTGR/VEER        | 0.38         | 3.84          | 16       | 16       | 14          |
| BHIRA T.R.        | 0.08         | 2.86          | 26       | 0        | 40          |
| RNGR+BHTSA        | 0.33         | 3.45          | 15       | 0        | 15          |
| BHANDARDRA        | 0.00         | 4.11          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.00         | 0.87          | 0        | 0        | 10          |
| GHATGHAR          | 0.00         | 3.76          | 0        | 0        | 0           |
|                   | <b>1.18</b>  | <b>33.34</b>  |          |          | <b>139</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.75         | 10.30         | 54       | 10       |             |
|                   | <b>0.75</b>  | <b>10.30</b>  |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.06         | 5.70          |          |          |             |
| Vankuswadi        | 0.27         | 10.19         |          |          |             |
| ATIT              | 0.04         | 3.72          |          |          |             |
| Kale              | 0.03         | 2.34          |          |          |             |
| Satara            | 0.10         | 8.93          |          |          |             |
| Shirala           | 0.04         | 4.04          |          |          |             |
| K Mahankal        | 0.00         | 2.37          |          |          |             |
| Supa              | 0.05         | 2.14          |          |          |             |
| Vita              | 0.29         | 17.10         |          |          |             |
| Dondaicha         | 0.57         | 25.03         |          |          |             |
| Sakri             | 0.09         | 4.54          |          |          |             |
| Nandurbar         | 0.07         | 3.31          |          |          |             |
| Khadakale         | 0.10         | 5.52          |          |          |             |
| Khaparale         | 0.09         | 5.73          |          |          |             |
|                   | <b>1.81</b>  | <b>100.67</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 23.01        | 365.79        | 964      | 954      | 900         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        | 0           |
|                   | <b>23.01</b> | <b>365.79</b> |          |          | <b>900</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 12.00        | 162.34        | 500      | 500      | 500         |
| Trombay 6         | 11.58        | 170.74        | 510      | 410      | 500         |
| Trombay 7A        | 2.88         | 45.98         | 124      | 117      | 110         |
| Trombay 7B        | 1.60         | 26.04         | 68       | 66       | 70          |
| Trombay 8         | 6.04         | 71.20         | 254      | 249      | 250         |
| TATA Hydro        | 2.08         | 28.28         | 419      | 0        | 447         |
|                   | <b>36.17</b> | <b>504.58</b> |          |          | <b>1877</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.61        | 213.23        | 527      | 521      | 500         |
|                   | <b>12.61</b> | <b>213.23</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2936        |
|                   |              |               |          |          | <b>2936</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 115.00        | 1954.71        |  | 4938         |
|                    | Thml+Gas | 130.28        | 2202.56        |  | 5558         |
|                    | Hydro    | 3.13          | 112.82         |  | 1309         |
|                    | Total    | 133.41        | 2315.38        |  | 6867         |
| <b>State Total</b> |          | <b>207.76</b> | <b>3510.06</b> |  | <b>13080</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 17/Oct/2009

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CS<br>SHARE | CS<br>RECPT | MUMBAI |       | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | MUMBAI<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|-------------|-------------|--------|-------|-------------------------|-----------------|-----------------------------|------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |             |             | SCH.   | EXCH. |                         |                 |                             |                  |                          |               |
| 1                  | 4428        | 251  | 636   | 5315   | 962   | 45   | 2660        | 3281        | 6      | 72    | 9728                    | 1203            | 10931                       | 1911             | 12842                    | 49.64         |
| 2                  | 4488        | 126  | 638   | 5252   | 964   | 46   | 2553        | 2711        | 100    | 176   | 9202                    | 1235            | 10437                       | 1749             | 12186                    | 49.62         |
| 3                  | 4582        | 66   | 650   | 5298   | 964   | 52   | 2460        | 2700        | 194    | 273   | 9341                    | 1096            | 10437                       | 1633             | 12070                    | 49.85         |
| 4                  | 4649        | 66   | 656   | 5371   | 964   | 65   | 2366        | 2463        | 288    | 377   | 9293                    | 1251            | 10544                       | 1559             | 12103                    | 49.88         |
| 5                  | 4707        | 76   | 658   | 5441   | 961   | 81   | 2368        | 2535        | 288    | 373   | 9411                    | 1315            | 10726                       | 1552             | 12278                    | 49.95         |
| 6                  | 4737        | 493  | 654   | 5884   | 961   | 98   | 2416        | 2907        | 241    | 322   | 10225                   | 1508            | 11733                       | 1613             | 13346                    | 49.71         |
| 7                  | 4759        | 117  | 656   | 5532   | 961   | 88   | 2464        | 2438        | 194    | 275   | 9347                    | 2243            | 11590                       | 1708             | 13298                    | 49.81         |
| 8                  | 4837        | 76   | 660   | 5573   | 960   | 118  | 2487        | 2528        | 288    | 361   | 9560                    | 1805            | 11365                       | 1652             | 13017                    | 50.08         |
| 9                  | 4839        | 75   | 652   | 5566   | 961   | 92   | 2484        | 2677        | 288    | 365   | 9671                    | 1063            | 10734                       | 1670             | 12404                    | 49.98         |
| 10                 | 4797        | 135  | 642   | 5574   | 960   | 68   | 2691        | 2938        | 78     | 124   | 9674                    | 957             | 10631                       | 1802             | 12433                    | 49.95         |
| 11                 | 4776        | 152  | 632   | 5560   | 960   | 64   | 2725        | 2984        | 33     | 86    | 9707                    | 1014            | 10721                       | 1863             | 12584                    | 49.97         |
| 12                 | 4778        | 155  | 624   | 5557   | 957   | 62   | 2713        | 2828        | 33     | 83    | 9540                    | 980             | 10520                       | 1909             | 12429                    | 49.84         |
| 13                 | 4740        | 71   | 616   | 5427   | 956   | 60   | 2710        | 3119        | 40     | 65    | 9649                    | 872             | 10521                       | 1888             | 12409                    | 49.82         |
| 14                 | 4703        | 76   | 615   | 5394   | 957   | 52   | 2663        | 3191        | 40     | 64    | 9668                    | 858             | 10526                       | 1898             | 12424                    | 50.09         |
| 15                 | 4735        | 71   | 611   | 5417   | 954   | 91   | 2534        | 3162        | 40     | 67    | 9701                    | 167             | 9868                        | 1894             | 11762                    | 50.04         |
| 16                 | 4772        | 66   | 612   | 5450   | 954   | 91   | 2533        | 3115        | 40     | 71    | 9708                    | 303             | 10011                       | 1872             | 11883                    | 50.00         |
| 17                 | 4827        | 81   | 617   | 5525   | 955   | 87   | 2533        | 3148        | 40     | 66    | 9808                    | 303             | 10111                       | 1855             | 11966                    | 49.98         |
| 18                 | 4815        | 103  | 618   | 5536   | 955   | 96   | 2556        | 3034        | 20     | 44    | 9715                    | 662             | 10377                       | 1873             | 12250                    | 49.83         |
| 19                 | 4910        | 372  | 622   | 5904   | 956   | 84   | 2586        | 3720        | 6      | 31    | 10745                   | 1189            | 11934                       | 2246             | 14180                    | 49.79         |
| 20                 | 5019        | 161  | 634   | 5814   | 956   | 93   | 2719        | 3707        | 8      | 41    | 10631                   | 1531            | 12162                       | 2351             | 14513                    | 50.00         |
| 21                 | 5111        | 134  | 641   | 5886   | 957   | 86   | 2708        | 3460        | 8      | 34    | 10443                   | 1530            | 11973                       | 2276             | 14249                    | 50.05         |
| 22                 | 5136        | 86   | 644   | 5866   | 959   | 70   | 2661        | 3136        | 8      | 136   | 10177                   | 507             | 10684                       | 2141             | 12825                    | 50.09         |
| 23                 | 4947        | 56   | 643   | 5646   | 957   | 60   | 2525        | 3540        | -11    | 18    | 10231                   | 0               | 10231                       | 2183             | 12414                    | 49.88         |
| 24                 | 4908        | 66   | 646   | 5620   | 959   | 58   | 2448        | 2576        | 69     | 95    | 9318                    | 0               | 9318                        | 2065             | 11383                    | 49.96         |
| MUs                | 115.00      | 3.13 | 15.28 | 133.41 | 23.01 | 1.81 | 61.56       | 71.90       | 2.34   | 3.62  | 234.49                  | 23.59           | 258.08                      | 45.16            | 303.25                   | 49.91         |

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 17/Oct/2009**

Position as on 6.30 Hrs of 18/Oct/2009

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 31/03/2010    |
| Paras Unit 2            | 55       | 11/10/2009   | 13:29        |            | Continued. | AOH.                                    | 05/11/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 20/12/2009    |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |            | Continued. | Exhaust temp.& vibn.high                | 15/02/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  | 25/10/2009    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 01/07/2009   | 00:46        |            | Continued. | W/dn                                    |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                      |               |
| Chandrapur Unit 7       | 500      | 15/10/2009   | 13.41        | 18/10/2009 | 03:46      | Boiler tube leakage.                    |               |
| Koradi Unit 1           | 105      | 15/10/2009   | 22.18        |            | Continued. | Boiler tube leakage.                    | 22/10/2009    |
| Paras Unit 3            | 250      | 15/10/2009   | 22.45        | 17/10/2009 | 17.58      | Boiler tube leakage.                    |               |
| Koradi Unit 2           | 105      | 15/10/2009   | 23:40        | 17/10/2009 | 07.25      | Fire in wind box.                       |               |
| Parli Unit 6            | 250      | 17/10/2009   | 22:11        | 18/10/2009 | 11.31      | Boiler Protection.                      |               |
| Cent_Sect NTPC (V-1)    | 210      | 17/10/2009   | 23.59        |            | Continued. | Boiler tube leakage.                    | 20/10/2009    |
| Chandrapur Unit 2       | 210      | 18/10/2009   | 06.21        |            | Continued. | Boiler Tube Leakage.                    | 21/10/2009    |
| Cent_Sect NTPC(V) 9     | 500      | 18/10/2009   | 22.17        |            | Continued. | Boiler T/L.                             | 21/10/2009    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 17/Oct/2009**

Position as on 6.30 Hrs of 18/Oct/2009

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                              |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                    |                                               |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                               |
| Akola - Wardha - I                         | 04/10/2009   | 22:03        |                                   | Continued.         | H/T to control O/V.                           |
| Kolhapur-Mapusa-II                         | 17/10/2009   | 00:21        |                                   | Continued.         | H/T to control O/V at Kolhapur.               |
| DHULE-SAR'SAROVAR-I                        | 17/10/2009   | 08:27        | 17/10/2009                        | 10:15              | H/T for O/V.                                  |
| DHULE-SAR'SAROVAR-I                        | 18/10/2009   | 13.45        |                                   | Continued.         | H/T For O/V.                                  |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                               |
| Dhule-Sar'Sarovar II                       | 16/10/2009   | 17:36        | 18/10/2009                        | 06.40              | Bph decapping,at loc.no.95                    |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                               |
| Nasik-Navsari -II                          | 17/10/2009   | 02:07        | 17/10/2009                        | 04:31              | Dist. Prot., R to E, Z1.                      |
| <b>IntraState</b>                          |              |              |                                   |                    |                                               |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                               |
| 220/100KV 125 MVA ICT-II at Kalwa          | 01/05/2009   | 07:45        |                                   | Continued.         | Repair Work                                   |
| 220/100 KV,125 MVA ICT-III at Trombay S/S. | 31/08/2009   | 09.32        |                                   | Continued.         | Replacement of Relay Panels & Control Panels. |
| 220/100 125 MVA ICT - II @ Trombay         | 17/10/2009   | 10:12        | 17/10/2009                        | 12:37              | To attend hot spot.                           |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                               |
| Trombay-Kalwa                              | 18/10/2009   | 11.35        | 18/10/2009                        | 14.13              | To attend Red Hot.                            |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                               |
| Paras-Malegaon                             | 17/10/2009   | 11.43        |                                   | Continued.         | Ckt on TBC due to main breaker Problem.       |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                               |
| BBLSR-Chalisgaon                           | 17/10/2009   | 11:04        | 17/10/2009                        | 20:44              | H/T to control Dhule ICT loading.             |
| Trombay - Sonkar                           | 17/10/2009   | 20:58        | 18/10/2009                        | 11.26              | Yphase jumper open at loc.no.735.             |
| BBLSR-Chalisgaon                           | 18/10/2009   | 08.07        | 18/10/2009                        | 09.53              | To Control Dhule ICT Loading.                 |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                               |
| Pardi-Uppalwadi                            | 01/10/2009   | 17:14        |                                   | Continued.         | To Control 132kv Ambazari-Mankapur ckt flow.  |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                               |
| 80 MVAR Bus Reactor at Kolhapur            | 16/10/2009   | 16.04        | 18/10/2009                        | 14.47              | PDR Operated,control cable damaged.           |
| Karad-Kolhapur-II                          | 16/10/2009   | 18:03        | 18/10/2009                        | 17.05              | Trip on O/V.                                  |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                               |
| K'gaon-Lonand                              | 17/10/2009   | 13:05        | 17/10/2009                        | 13:17              | Dist.Prot,B to E.                             |
| Khaparkhedha - Kanhan - II                 | 17/10/2009   | 14.55        | 17/10/2009                        | 15.26              | Tripped on Dist.Prot.                         |
| Kalwa-Nasik                                | 18/10/2009   | 01.24        | 18/10/2009                        | 04:52              | Dist. Prot.                                   |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                               |
| 132/33 KV 25 MVA T/F - I @ Bhusawal        | 27/09/2009   | 17.36        |                                   | Continued.         | Transformer Caught Fire.                      |
| Ambazari - Amravati                        | 17/10/2009   | 12.35        | 17/10/2009                        | 22.05              | Tripped on Dist. Prot. B PH insulater burst.  |
| Parbhani-Jintur                            | 18/10/2009   | 14.48        | 18/10/2009                        | 15.00              | Dist.Protection.                              |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 18/Oct/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 0           |
| Unit 2             | 105                   | 75          |
| Unit 3             | 105                   | 75          |
| Unit 4             | 105                   | 75          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 175         |
|                    | <b>1040</b>           | <b>700</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>420</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 165         |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>535</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 300         |
|                    | <b>2340</b>           | <b>1900</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 185         |
|                    | <b>305</b>            | <b>185</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>810</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 81          |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 182         |
| Unit 5             | 210                   | 171         |
|                    | <b>870</b>            | <b>705</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 15          |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>140</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khadakale         | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPP L II         | 960                   | 900         |
| RGPP L III        | 740                   |             |
|                   | <b>1700</b>           | <b>900</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 110         |
| Trombay 7B        | 60                    | 70          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2974        |
|                   | <b>3143</b>           | <b>2974</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>17616</b> | <b>13436</b> |
|--|--------------|--------------|