



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**07/Jan/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 07/Jan/2010 THURSDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 122.146        | 896.139         | 1) Madhya Pradesh              | 59.766         | 413.976         |
| 2) Hydro                 | 14.742         | 74.909          | 2) Gujrat                      | 19.123         | 115.998         |
| 3) Gas                   | 14.129         | 100.591         | 3) Goa                         | -6.371         | -45.101         |
| <b>Total MSGENCO</b>     | <b>151.017</b> | <b>1071.639</b> | 4) TAPS 1&2 (Inj.)             | 3.652          | 25.589          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.248         | -1.414          |
| 1) RGPPL Gas             | 22.896         | 159.922         | <b># Total Cent. Sector</b>    | <b>75.922</b>  | <b>509.048</b>  |
| 2) Wind Generation       | 3.591          | 21.049          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.248          | 1.414           | 1) With TPCL                   | -5.438         | -22.883         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 20.880         | 157.253         | 1) MSEDCL Bilateral            | 6.000          | 42.017          |
| 2) TPCL Hydro            | 6.447          | 32.067          | Include PX                     | 0.000          | 0.000           |
| <b>TOTAL TPCL</b>        | <b>27.327</b>  | <b>189.320</b>  | 2) MUMBAI Bilateral            | 5.767          | 27.564          |
| 3) REL Thermal           | 12.692         | 88.859          | Include PX                     | 3.135          | 15.907          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 5.767          | 27.564          |
| 1) Thermal (A1+C1+C3)    | 155.718        | 1142.251        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 21.437         | 108.390         | 1) MSEDCL                      | 248.236        | 1740.189        |
| 3) Gas (A3+B1)           | 37.025         | 260.513         | 2) TPCL                        | 29.431         | 196.616         |
| 4) Wind (B2)             | 3.591          | 21.049          | 3) REL                         | 16.023         | 104.432         |
| <b>TOTAL STATE</b>       | <b>217.771</b> | <b>1532.203</b> | <b>TOTAL STATE</b>             | <b>293.690</b> | <b>2041.237</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 5126                      | 5145                      | 5120                      |
| MSGENCO Hydro                                                              | 847                       | 1564                      | 114                       |
| MSGENCO Gas                                                                | 602                       | 533                       | 630                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6575</b>               | <b>7242</b>               | <b>5864</b>               |
| Central Sector Receipt                                                     | 3535                      | 3408                      | 2446                      |
| RGPPL                                                                      | 931                       | 944                       | 965                       |
| WIND                                                                       | 188                       | 97                        | 221                       |
| Exchange with TPCL                                                         | -432                      | -420                      | -26                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10797</b>              | <b>11298</b>              | <b>9470</b>               |
| Load Shedding                                                              | 3559                      | 3822                      | 1764                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14356</b>              | <b>15120</b>              | <b>11234</b>              |
| TPCL GENERATION                                                            | 1418                      | 1381                      | 741                       |
| REL GENERATION                                                             | 524                       | 524                       | 531                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2374</b>               | <b>2325</b>               | <b>1298</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13171</b>              | <b>13623</b>              | <b>10768</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16730</b>              | <b>17445</b>              | <b>12532</b>              |
| Frequency (Hz)                                                             | 49.27                     | 49.42                     | 49.89                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4805 MW AT 19.00 HRs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 83.80 MUs.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.46 Hz at 21.56 Hrs | 48.84 Hz at 17.27 Hrs | 49.53         | 1.77 % of Time   |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 07/Jan/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.83        | 13.02         | 83       | 68       | 75       |
| Unit 2           | 1.60        | 11.63         | 76       | 52       | 70       |
| Unit 3           | 1.33        | 8.86          | 63       | 48       | 55       |
| Unit 4           | 1.60        | 10.51         | 79       | 44       | 75       |
| Unit 5           | 3.73        | 26.59         | 174      | 133      | 160      |
| Unit 6           | 2.82        | 24.73         | 171      | 0        | 160      |
| Unit 7           | 3.64        | 27.68         | 175      | 130      | 160      |
|                  | 16.54       | 123.02        |          |          | 755      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.19        | 3.66          | 54       | 45       | 50       |
| Unit 2           | 0.61        | 15.17         | 150      | 0        | 0        |
| Unit 3           | 4.40        | 30.63         | 190      | 170      | 190      |
|                  | 6.21        | 49.46         |          |          | 240      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.55        | 3.92          | 25       | 20       | 23       |
| Unit 2           | 0.53        | 3.84          | 25       | 18       | 23       |
| Unit 3           | 3.56        | 25.68         | 158      | 70       | 160      |
| Unit 4           | 4.93        | 32.21         | 212      | 198      | 200      |
| Unit 5           | 4.01        | 26.58         | 175      | 144      | 175      |
| Unit 6           | 5.61        | 38.50         | 247      | 215      | 240      |
|                  | 19.18       | 130.72        |          |          | 821      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.14        | 23.32         | 148      | 103      | 155      |
| Unit 2           | 3.87        | 26.21         | 164      | 158      | 160      |
| Unit 3           | 3.57        | 25.69         | 178      | 87       | 150      |
| Unit 4           | 1.05        | 25.65         | 184      | 0        | 0        |
| Unit 5           | 10.26       | 71.62         | 450      | 402      | 450      |
| Unit 6           | 9.64        | 69.06         | 440      | 365      | 450      |
| Unit 7           | 10.14       | 69.94         | 448      | 400      | 450      |
|                  | 41.66       | 311.49        |          |          | 1815     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.04        | 6.21          | 47       | 40       | 46       |
| Unit 3           | 5.32        | 36.51         | 249      | 186      | 225      |
|                  | 6.36        | 42.72         |          |          | 271      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 22.60         | 0        | 0        | 0        |
| Unit 2           | 4.43        | 31.71         | 195      | 165      | 185      |
| Unit 3           | 5.11        | 33.70         | 214      | 204      | 209      |
| Unit 4           | 4.84        | 32.48         | 217      | 184      | 203      |
|                  | 14.39       | 120.49        |          |          | 597      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.25        | 14.00         | 101      | 90       | 85       |
| Unit 2           | 2.16        | 15.34         | 96       | 81       | 85       |
| Unit 3           | 4.86        | 34.08         | 211      | 169      | 185      |
| Unit 4           | 4.79        | 33.63         | 207      | 190      | 190      |
| Unit 5           | 3.74        | 21.19         | 193      | 88       | 65       |
|                  | 17.81       | 118.24        |          |          | 610      |
| Uran             |             |               |          |          |          |
| All Units        | 14.13       | 100.59        | 644      | 528      | 610      |
|                  | 14.13       | 100.59        |          |          | 610      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.82        | 13.80         | 380      | 35       | 530      |
| Stage 4          | 6.81        | 27.24         | 961      | 0        | 250      |
| Kovna 12&4 Total | 9.63        | 41.04         |          |          | 780      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 2.13         | 8.62          | 316      | 0        | 240         |
|                   | <b>11.77</b> | <b>49.66</b>  |          |          | <b>1020</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 2.06          | 0        | 0        | 20          |
| VTRNA             | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI           | 0.36         | 2.53          | 60       | 0        | 60          |
| BHTGR/VEER        | 1.28         | 6.65          | 54       | 53       | 35          |
| BHIRA T.R.        | 0.30         | 1.30          | 84       | 0        | 80          |
| RNGR+BHTSA        | 0.29         | 2.21          | 13       | 12       | 15          |
| BHANDARDRA        | 0.38         | 5.19          | 49       | 0        | 50          |
| ELDARY            | 0.00         | 0.71          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.34          | 10       | 0        | 10          |
| GHATGHAR          | 0.30         | 4.26          | 125      | 0        | 0           |
|                   | <b>2.98</b>  | <b>25.25</b>  |          |          | <b>270</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.25         | 1.41          | 27       | 0        |             |
|                   | <b>0.25</b>  | <b>1.41</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.17         | 0.74          |          |          |             |
| Vankuswadi        | 0.37         | 1.94          |          |          |             |
| ATIT              | 0.08         | 0.35          |          |          |             |
| Kale              | 0.18         | 0.63          |          |          |             |
| Satara            | 0.11         | 0.70          |          |          |             |
| Shirala           | 0.15         | 0.66          |          |          |             |
| K Mahankal        | 0.23         | 0.57          |          |          |             |
| Supa              | 0.06         | 0.51          |          |          |             |
| Vita              | 0.73         | 3.74          |          |          |             |
| Dondaicha         | 0.89         | 6.57          |          |          |             |
| Sakri             | 0.10         | 0.75          |          |          |             |
| Nandurbar         | 0.10         | 0.71          |          |          |             |
| Khadakale         | 0.24         | 1.88          |          |          |             |
| Khaparale         | 0.19         | 1.29          |          |          |             |
|                   | <b>3.59</b>  | <b>21.05</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.90        | 159.92        | 1000     | 926      | 940         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.90</b> | <b>159.92</b> |          |          | <b>940</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 0.00         | 19.68         | 0        | 0        | 0           |
| Trombay 6         | 11.47        | 70.20         | 510      | 380      | 500         |
| Trombay 7A        | 2.42         | 18.61         | 113      | 83       | 120         |
| Trombay 7B        | 1.48         | 10.76         | 64       | 56       | 60          |
| Trombay 8         | 5.51         | 37.99         | 250      | 150      | 250         |
| TATA Hydro        | 6.45         | 32.07         | 481      | 0        | 447         |
|                   | <b>27.33</b> | <b>189.32</b> |          |          | <b>1377</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.69        | 88.86         | 532      | 524      | 500         |
|                   | <b>12.69</b> | <b>88.86</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3157        |
|                   |              |               |          |          | <b>3157</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 122.15        | 896.14         |  | 5109         |
|                    | Thml+Gas | 136.28        | 996.73         |  | 5719         |
|                    | Hydro    | 14.74         | 74.91          |  | 1290         |
|                    | Total    | 151.02        | 1071.64        |  | 7009         |
| <b>State Total</b> |          | <b>217.77</b> | <b>1532.20</b> |  | <b>12983</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 07/Jan/2010

| 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                  | 5099        | 129   | 604   | 5832   | 955   | 205  | 2549        | 2732        | -43    | -39   | 9685                    | 1833            | 11518                       | 1442             | 12960                    | 49.51         |
| 2                  | 5124        | 114   | 619   | 5857   | 966   | 221  | 2549        | 2381        | -43    | -26   | 9399                    | 1866            | 11265                       | 1338             | 12603                    | 49.85         |
| 3                  | 5120        | 114   | 630   | 5864   | 965   | 221  | 2549        | 2446        | -43    | -26   | 9470                    | 1764            | 11234                       | 1298             | 12532                    | 49.89         |
| 4                  | 5101        | 114   | 635   | 5850   | 969   | 209  | 2549        | 2360        | -43    | -22   | 9385                    | 2122            | 11507                       | 1255             | 12762                    | 49.98         |
| 5                  | 5054        | 119   | 633   | 5806   | 966   | 221  | 2580        | 2469        | -43    | -26   | 9463                    | 2243            | 11706                       | 1258             | 12964                    | 49.69         |
| 6                  | 5064        | 129   | 634   | 5827   | 965   | 211  | 2731        | 3176        | -43    | -23   | 10183                   | 2517            | 12700                       | 1305             | 14005                    | 49.61         |
| 7                  | 5035        | 159   | 635   | 5829   | 965   | 212  | 2916        | 2789        | 47     | 58    | 9880                    | 3478            | 13358                       | 1458             | 14816                    | 49.53         |
| 8                  | 5122        | 132   | 644   | 5898   | 967   | 219  | 2916        | 2889        | 47     | 53    | 10053                   | 3706            | 13759                       | 1632             | 15391                    | 49.52         |
| 9                  | 5201        | 119   | 644   | 5964   | 964   | 230  | 2886        | 2819        | 42     | 47    | 10029                   | 3740            | 13769                       | 1844             | 15613                    | 49.46         |
| 10                 | 5175        | 295   | 624   | 6094   | 959   | 259  | 3201        | 3193        | -206   | -201  | 10304                   | 3734            | 14038                       | 2112             | 16150                    | 49.41         |
| 11                 | 5149        | 688   | 610   | 6447   | 944   | 227  | 3357        | 3446        | -375   | -371  | 10693                   | 3465            | 14158                       | 2312             | 16470                    | 49.38         |
| 12                 | 5126        | 847   | 602   | 6575   | 931   | 188  | 3401        | 3535        | -434   | -432  | 10797                   | 3559            | 14356                       | 2374             | 16730                    | 49.27         |
| 13                 | 5096        | 789   | 599   | 6484   | 926   | 111  | 3442        | 3486        | -434   | -413  | 10594                   | 3531            | 14125                       | 2338             | 16463                    | 49.41         |
| 14                 | 5089        | 713   | 596   | 6398   | 942   | 90   | 3468        | 3558        | -410   | -393  | 10595                   | 3491            | 14086                       | 2226             | 16312                    | 49.42         |
| 15                 | 5077        | 1003  | 584   | 6664   | 940   | 66   | 3466        | 3368        | -410   | -397  | 10641                   | 3469            | 14110                       | 2236             | 16346                    | 49.48         |
| 16                 | 5062        | 1071  | 556   | 6689   | 936   | 50   | 3486        | 3519        | -434   | -424  | 10770                   | 3474            | 14244                       | 2259             | 16503                    | 49.32         |
| 17                 | 4922        | 1373  | 551   | 6846   | 935   | 46   | 3459        | 3473        | -410   | -404  | 10896                   | 3529            | 14425                       | 2263             | 16688                    | 49.26         |
| 18                 | 5020        | 1587  | 528   | 7135   | 937   | 42   | 3465        | 3557        | -410   | -409  | 11262                   | 3139            | 14401                       | 2234             | 16635                    | 49.40         |
| 19                 | 5082        | 1804  | 531   | 7417   | 943   | 63   | 3148        | 3440        | -386   | -427  | 11459                   | 3624            | 15083                       | 2332             | 17415                    | 49.53         |
| 20                 | 5145        | 1564  | 533   | 7242   | 944   | 97   | 3269        | 3408        | -386   | -420  | 11298                   | 3822            | 15120                       | 2325             | 17445                    | 49.42         |
| 21                 | 5071        | 1375  | 533   | 6979   | 943   | 118  | 3224        | 3226        | -339   | -280  | 11013                   | 3542            | 14555                       | 2160             | 16715                    | 49.27         |
| 22                 | 5141        | 292   | 534   | 5967   | 949   | 122  | 3566        | 3674        | -339   | -281  | 10458                   | 3569            | 14027                       | 2028             | 16055                    | 49.57         |
| 23                 | 5094        | 101   | 534   | 5729   | 985   | 88   | 3118        | 3632        | -339   | -306  | 10140                   | 3154            | 13294                       | 1765             | 15059                    | 49.69         |
| 24                 | 4991        | 111   | 533   | 5635   | 1000  | 75   | 3125        | 3401        | -339   | -276  | 9835                    | 1862            | 11697                       | 1663             | 13360                    | 49.87         |
| MUs                | 122.16      | 14.74 | 14.13 | 151.03 | 22.90 | 3.59 | 74.42       | 75.98       | -5.77  | -5.44 | 248.30                  | 74.23           | 322.54                      | 45.46            | 367.99                   | 49.53         |

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 07/Jan/2010**

Position as on 6.30 Hrs of 08/Jan/2010

| 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    |
| Tata Trombay 5          | 500      | 03/01/2010   | 00.57        |            | Continued. | AOH                                            | 01/02/2010    |
| Cent_Sect TARAPUR-4     | 540      | 03/01/2010   | 08.26        |            | Continued. | Maintenance Work.                              | 10/01/2010    |
| Koyna Unit 2            | 75       | 03/01/2010   | 08:00        |            | Continued. | checking bearing vibration & realignment work. | 19/01/2010    |
| Khaparkheda Unit 1      | 210      | 05/01/2010   | 23.57        |            | Continued. | AOH                                            | 09/02/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                                |               |
| 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                       | 31/03/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                         | 12/01/2010    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                                |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                             |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | Low Demand.                                    |               |
| Cent_Sect Tarapur 1     | 80       | 09/12/2009   | 09:22        |            | Continued. | Condenser Tube Leakage.                        | 02/02/2010    |
| Dabhol 3B               | 230      | 10/12/2009   | 23.34        | 07/01/2010 | 12.55      | Combustion Chamber Inspection.                 |               |
| Dabhol 3X               | 290      | 10/12/2009   | 23.35        | 07/01/2010 | 22.03      | Combustion Chamber Inspection.                 |               |
| Bhusawal Unit 2         | 210      | 04/01/2010   | 09.56        | 07/01/2010 | 17.35      | Boiler Tube Leakage                            |               |
| Chandrapur Unit 4       | 210      | 07/01/2010   | 06:04        |            | Continued. | Boiler Tube Leakage.                           | 10/01/2010    |
| Koradi Unit 6           | 210      | 07/01/2010   | 22.45        |            | Continued. | PA fan problem.                                | 09/01/2010    |
| Parli Unit 3            | 210      | 07/01/2010   | 23.37        |            | Continued. | Drum safty valve testing.                      | 10/01/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 07/Jan/2010**

Position as on 6.30 Hrs of 08/Jan/2010

| 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 - II                      | 16/12/2009   | 13:00        |                                   | Continued.         | H/T.                                                                                    |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                         |
| Dhule-Sar'Sarovar - I                    | 17/12/2009   | 17.08        |                                   | Continued.         | Tower 3 and 4 Collapsed.                                                                |
| Dhule-Sar'Sarovar - II                   | 17/12/2009   | 22:33        |                                   | Continued.         | Tower 3 and 4 Collapsed.                                                                |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                         |
| Mudshingi-Ponda                          | 07/01/2010   | 11.25        | 07/01/2010                        | 11.45              | Trip at Mudsungi end only.                                                              |
| <b>IntraState</b>                        |              |              |                                   |                    |                                                                                         |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                         |
| Main Breaker of ICT-II at C'PUR          | 28/12/2009   | 12.13        | 07/01/2010                        | 08.08              | Main Breaker replacement, ICT on TBC                                                    |
| Main Bus-II at 400KV Kalwa               | 01/01/2010   | 08.07        | 07/01/2010                        | 13.36              | Replacement of 29B Isolator                                                             |
| 400/220 KV 315 MVA ICT - II @ Koradi.    | 04/01/2010   | 10.38        |                                   | Continued.         | 400KV Main Breaker Overhaul. H.V.side of ICT on TBC                                     |
| 400/220KV, 315MVA ICT-I @ New Koyna.     | 06/01/2010   | 09:35        | 07/01/2010                        | 18.44              | Replacement of PRV.                                                                     |
| 400/220 KV, 315 MVA ICT-II at Chandrapur | 07/01/2010   | 08.08        | 07/01/2010                        | 18.04              | Commissioning of new breaker.                                                           |
| 400/220 KV ICT-3 @ Lonikand              | 07/01/2010   | 08.59        | 07/01/2010                        | 18.10              | Maintenance work.                                                                       |
| 400 KV Main Bus-II at Jejuri.            | 07/01/2010   | 10.59        | 08/01/2010                        | 18.00              | O/H of Isolator.                                                                        |
| Akola-Bhusawal                           | 08/01/2010   | 07.17        | 08/01/2010                        | 12.35              | Reloading of Relay Configuration and Testing of REL-521 for SMS Work.                   |
| Chandrapur-B' vati II                    | 08/01/2010   | 07.20        | 08/01/2010                        | 20.57              | PGCIL Work, Relay Testing.                                                              |
| 400/220KV ICT-II at New Koyna            | 08/01/2010   | 10.09        | 08/01/2010                        | 18.52              | Replacement of PRV.                                                                     |
| 400/220 KV ICT-I at Parli                | 08/01/2010   | 11.24        | 08/01/2010                        | 17.27              | Hot Line Replacement of Bus-I PGI Fixed Contact(HV Side) HV Side of ICT will be on TBC. |
| Koradi - Bhusawal                        | 08/01/2010   | 14.02        | 08/01/2010                        | 18.09              | Reloading of Relay Configuration.                                                       |
| <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                                                                             |
| 220/132KV 100MVA ICT-II at Parli-II      | 26/12/2009   | 09.10        |                                   | Continued.         | Replacement of H.V./L.V.Breaker                                                         |
| M.B. II at Talangde S/S.                 | 04/01/2010   | 10.21        | 07/01/2010                        | 12.21              | maintenance work                                                                        |
| Chinchwad-Bhosari                        | 07/01/2010   | 08.35        | 07/01/2010                        | 19.56              | Replacement of faulty disc insulator.                                                   |
| Chandrapur-Warora - I                    | 07/01/2010   | 09.18        | 07/01/2010                        | 17.05              | Restranging work.                                                                       |
| Phursungi-Magarpatta                     | 07/01/2010   | 10.08        | 07/01/2010                        | 14.30              | Q.M.Work.                                                                               |
| Koradi-Butibori                          | 07/01/2010   | 10.44        | 07/01/2010                        | 13.14              | Attending oil leakage of CT.                                                            |
| Aurangabad-Chitegaon-I                   | 07/01/2010   | 11.16        | 07/01/2010                        | 15.02              | Q.M.work.                                                                               |
| Kalmeshwar-Kaparkhedra                   | 07/01/2010   | 20.04        | 08/01/2010                        | 15:41              | Ckt on TBC, Main breaker problem.                                                       |
| Nasik-Padgha                             | 08/01/2010   | 07.53        | 08/01/2010                        | 20.50              | Conductor Replacement Work.                                                             |
| Talangade - Mumewadi                     | 08/01/2010   | 09.03        | 08/01/2010                        | 12.18              | Maintenance Work.                                                                       |
| Apta-Nagothane                           | 08/01/2010   | 09.12        | 08/01/2010                        | 17.26              | Maintenance Work.                                                                       |
| Padgha-Wada                              | 08/01/2010   | 10.01        | 08/01/2010                        | 18.19              | Maintenance Work.                                                                       |
| 220/132,200MVA ICT at                    | 08/01/2010   | 10.05        | 08/01/2010                        | 18.00              | Q.M. Work.                                                                              |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 07/Jan/2010**

Position as on 6.30 Hrs of 08/Jan/2010

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                |
|-----------------------------------------|--------------|--------------|-----------------------------------|--------------------|-----------------------------------------------------------------|
| Bhoisor                                 |              |              |                                   |                    |                                                                 |
| Aurangabad-Padegaon CKT-II              | 08/01/2010   | 11.39        | 08/01/2010                        | 16.37              | Quarterly Maintenance Work.                                     |
| Loniland-Kathapur                       | 08/01/2010   | 11.59        | 08/01/2010                        | 14.15              | Relay Replacement Work.                                         |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                 |
| Dhule-Dhule-I                           | 07/01/2010   | 08.30        | 07/01/2010                        | 18.15              | Stringing of 400 KV Dhule-SSP line.                             |
| Dhule-Dondaicha Ckt.I                   | 07/01/2010   | 08.35        | 07/01/2010                        | 18.10              | Stringing of 400 KV Dhule-SSP line.                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                 |
| 400/220 KV,315 MVA ICT-II at Chandrapur | 08/01/2010   | 09.04        | 08/01/2010                        | 13.39              | To Attended Hot Spot @ LV End.                                  |
| 400/220 KV 300 MVA ICT-I @ Koradi       | 08/01/2010   | 11.08        | 08/01/2010                        | 11.59              | To Attended Oil Leakage B Ph Buchholz.                          |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                 |
| Murud-Bale                              | 08/01/2010   | 11.30        | 08/01/2010                        | 20.40              | Quarterly Maintenance Work.                                     |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                 |
| Bhusawal- Aurangabad                    | 06/01/2010   | 18:04        | 07/01/2010                        | 16.14              | H/T from A'bad end to control O/V.                              |
| Bhusawal- Aurangabad                    | 07/01/2010   | 18.04        |                                   | Continued.         | Hand Tripped To Control Over Voltage.                           |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                 |
| Aurangabad - Bhenda                     | 12/12/2009   | 09.39        |                                   | Continued.         | H/T at A'Bad to control ICT loading                             |
| Wardha-Badnera                          | 07/01/2010   | 17.37        |                                   | Continued.         | H/T due to Chandrapur ICT outage to control ICT loading.        |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                 |
| Pachora - Chalisgaon CKT -I.            | 04/01/2010   | 23.49        | 07/01/2010                        | 17.59              | H/T to control Phekri Ckts line loading.                        |
| Pachora-Chalisgaon Ckt.II.              | 04/01/2010   | 23.49        | 07/01/2010                        | 17.59              | H/T to control Phekri Ckts line loading.                        |
| <b>Voltage Level : 500KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                 |
| Chandrapur-Padaghe Pole - II            | 08/01/2010   | 19.08        | 08/01/2010                        | 22.17              | R Ph Pole-II Convertor Transformer Tapcharger-II High Oil Flow. |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                 |
| Akola-Bhusawal                          | 08/01/2010   | 12.47        | 08/01/2010                        | 12.54              | Reactor VT Fuse Failure.                                        |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                 |
| Nasik - Navsari - II                    | 08/01/2010   | 17.37        |                                   | Continued.         | Distanance Protection.                                          |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                 |
| Harangul - Udgir                        | 07/01/2010   | 03.25        | 07/01/2010                        | 03.35              | Distance protection.                                            |
| Kalmeshwar - Katol                      | 07/01/2010   | 21.39        | 07/01/2010                        | 21.52              | Distance protection.                                            |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 08/Jan/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 50          |
| Unit 3             | 105                   | 60          |
| Unit 4             | 105                   | 75          |
| Unit 5             | 200                   | 140         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 150         |
|                    | <b>1040</b>           | <b>555</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 185         |
|                    | <b>478</b>            | <b>415</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 23          |
| Unit 2             | 30                    | 23          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 205         |
| Unit 5             | 210                   | 175         |
| Unit 6             | 250                   | 240         |
|                    | <b>940</b>            | <b>666</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 135         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1815</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 225         |
|                    | <b>305</b>            | <b>271</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 95          |
| Unit 2             | 120                   | 95          |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 205         |
| Unit 5             | 210                   | 180         |
|                    | <b>870</b>            | <b>780</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |
|                    | <b>852</b>            | <b>600</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1020</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 35          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 50          |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>250</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>     |                       |             |
| RGPL II           | 960                   | 930         |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>930</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 0           |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3200        |
|                   | <b>3143</b>           | <b>3200</b> |