



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**06/Nov/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 06/Nov/2009 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 104.054        | 640.053         | 1) Madhya Pradesh              | 59.351         | 367.395         |
| 2) Hydro                 | 32.186         | 139.279         | 2) Gujrat                      | 15.183         | 140.089         |
| 3) Gas                   | 14.671         | 87.002          | 3) Goa                         | -7.123         | -42.388         |
| <b>Total MSGENCO</b>     | <b>150.911</b> | <b>866.334</b>  | 4) TAPS 1&2 (Inj.)             | 7.264          | 42.953          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | 0.563          | -3.726          |
| 1) RGPPL Gas             | 22.810         | 134.550         | <b># Total Cent. Sector</b>    | <b>75.238</b>  | <b>504.323</b>  |
| 2) Wind Generation       | 5.542          | 37.358          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 1.309          | 6.690           | 1) With TPCL                   | -5.549         | -28.985         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 33.483         | 190.281         | 1) MSEDCL Bilateral            | 3.039          | 23.249          |
| 2) TPCL Hydro            | 6.383          | 30.005          | Include PX                     | 0.722          | 6.432           |
| <b>TOTAL TPCL</b>        | <b>39.866</b>  | <b>220.286</b>  | 2) MUMBAI Bilateral            | 6.230          | 33.101          |
| 3) REL Thermal           | 6.369          | 44.833          | Include PX                     | 0.781          | 2.602           |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 6.230          | 33.401          |
| 1) Thermal (A1+C1+C3)    | 143.906        | 875.167         | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 39.878         | 175.974         | 1) MSEDCL                      | 250.261        | 1520.270        |
| 3) Gas (A3+B1)           | 37.481         | 221.552         | 2) TPCL                        | 34.634         | 195.748         |
| 4) Wind (B2)             | 5.542          | 37.358          | 3) REL                         | 17.150         | 98.376          |
| <b>TOTAL STATE</b>       | <b>226.807</b> | <b>1310.051</b> | <b>TOTAL STATE</b>             | <b>302.045</b> | <b>1814.394</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                                                            | 4455                      | 4203                      | 4091                      |
| MSGENCO Hydro                                                              | 1642                      | 1894                      | 1085                      |
| MSGENCO Gas                                                                | 622                       | 608                       | 578                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6719</b>               | <b>6705</b>               | <b>5754</b>               |
| Central Sector Receipt                                                     | 2863                      | 3489                      | 3179                      |
| RGPPL                                                                      | 939                       | 949                       | 964                       |
| WIND                                                                       | 350                       | 169                       | 215                       |
| Exchange with TPCL                                                         | -431                      | -421                      | 54                        |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10493</b>              | <b>10944</b>              | <b>10219</b>              |
| Load Shedding                                                              | 3742                      | 4123                      | 1831                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14235</b>              | <b>15067</b>              | <b>12050</b>              |
| TPCL GENERATION                                                            | 1915                      | 1835                      | 1318                      |
| REL GENERATION                                                             | 266                       | 263                       | 268                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2612</b>               | <b>2519</b>               | <b>1532</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13105</b>              | <b>13463</b>              | <b>11751</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16847</b>              | <b>17586</b>              | <b>13582</b>              |
| Frequency (Hz)                                                             | 49.69                     | 49.59                     | 49.99                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 5053 MW AT 22.00 HRs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 99.87 MUs                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|----------------------|---------------|------------------|
| 50.27 Hz at 18.01 Hrs | 49.1 Hz at 22.15 Hrs | 49.61         | 0 % 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 06/Nov/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.94        | 11.45         | 87       | 70       | 80       |
| Unit 2           | 1.46        | 9.03          | 75       | 0        | 70       |
| Unit 3           | 1.62        | 4.00          | 84       | 0        | 75       |
| Unit 4           | 1.85        | 10.95         | 84       | 68       | 80       |
| Unit 5           | 3.42        | 20.34         | 159      | 119      | 140      |
| Unit 6           | 3.57        | 19.98         | 165      | 90       | 150      |
| Unit 7           | 3.43        | 20.72         | 167      | 115      | 160      |
|                  | 17.28       | 96.46         |          |          | 755      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.56        | 3.79          | 27       | 18       | 20       |
| Unit 2           | 4.15        | 25.50         | 185      | 152      | 160      |
| Unit 3           | 4.23        | 24.84         | 191      | 159      | 160      |
|                  | 8.94        | 54.13         |          |          | 340      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.56        | 3.35          | 26       | 21       | 20       |
| Unit 2           | 0.10        | 2.09          | 23       | 0        | 0        |
| Unit 3           | 1.92        | 13.87         | 149      | 0        | 0        |
| Unit 4           | 3.08        | 25.59         | 192      | 0        | 190      |
| Unit 5           | 3.52        | 23.97         | 175      | 0        | 170      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 9.18        | 68.87         |          |          | 380      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.91        | 22.88         | 170      | 153      | 165      |
| Unit 2           | 3.84        | 13.20         | 182      | 142      | 170      |
| Unit 3           | 3.93        | 23.04         | 196      | 148      | 160      |
| Unit 4           | 2.31        | 24.72         | 176      | 47       | 60       |
| Unit 5           | 9.02        | 44.70         | 437      | 328      | 450      |
| Unit 6           | 9.29        | 58.36         | 445      | 354      | 425      |
| Unit 7           | 8.86        | 52.68         | 398      | 325      | 425      |
|                  | 41.16       | 239.59        |          |          | 1855     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 5.06        | 29.88         | 228      | 166      | 220      |
|                  | 5.06        | 29.88         |          |          | 220      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 11.10         | 0        | 0        | 0        |
| Unit 2           | 0.00        | 19.10         | 0        | 0        | 0        |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 5.02        | 24.06         | 215      | 202      | 210      |
|                  | 5.02        | 54.26         |          |          | 210      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.04        | 12.04         | 94       | 69       | 81       |
| Unit 2           | 2.07        | 12.03         | 97       | 72       | 81       |
| Unit 3           | 4.66        | 28.34         | 208      | 179      | 182      |
| Unit 4           | 4.39        | 19.16         | 192      | 177      | 167      |
| Unit 5           | 4.25        | 25.29         | 186      | 172      | 162      |
|                  | 17.41       | 96.86         |          |          | 673      |
| Uran             |             |               |          |          |          |
| All Units        | 14.67       | 87.00         | 658      | 570      | 600      |
|                  | 14.67       | 87.00         |          |          | 600      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 3.01        | 20.28         | 405      | 35       | 600      |
| Stage 4          | 20.82       | 80.94         | 1116     | 520      | 250      |
| Kovna 12&4 Total | 23.83       | 101.22        |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 5.54         | 21.03         | 320      | 80       | 320         |
|                   | <b>29.37</b> | <b>122.26</b> |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.46         | 2.83          | 20       | 19       | 20          |
| VTRNA             | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI           | 0.61         | 2.90          | 60       | 0        | 60          |
| BHTGR/VEER        | 0.96         | 4.80          | 40       | 40       | 40          |
| BHIRA T.R.        | 0.37         | 1.83          | 82       | 0        | 80          |
| RNGR+BHTSA        | 0.36         | 1.93          | 15       | 15       | 15          |
| BHANDARDRA        | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.27          | 10       | 0        | 9           |
| GHATGHAR          | 0.00         | 2.46          | 0        | 0        | 0           |
|                   | <b>2.82</b>  | <b>17.02</b>  |          |          | <b>224</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 1.31         | 6.69          | 57       | 53       |             |
|                   | <b>1.31</b>  | <b>6.69</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.42         | 2.59          |          |          |             |
| Vankuswadi        | 1.05         | 7.00          |          |          |             |
| ATIT              | 0.30         | 1.54          |          |          |             |
| Kale              | 0.43         | 2.70          |          |          |             |
| Satara            | 0.35         | 3.20          |          |          |             |
| Shirala           | 0.36         | 2.43          |          |          |             |
| K Mahankal        | 0.28         | 2.09          |          |          |             |
| Supa              | 0.08         | 0.71          |          |          |             |
| Vita              | 1.02         | 6.69          |          |          |             |
| Dondaicha         | 0.35         | 2.32          |          |          |             |
| Sakri             | 0.07         | 0.51          |          |          |             |
| Nandurbar         | 0.02         | 0.14          |          |          |             |
| Khadakale         | 0.45         | 2.58          |          |          |             |
| Khaparale         | 0.35         | 2.85          |          |          |             |
|                   | <b>5.54</b>  | <b>37.36</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 22.81        | 134.55        | 964      | 927      | 900         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>22.81</b> | <b>134.55</b> |          |          | <b>900</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 11.63        | 67.70         | 500      | 430      | 500         |
| Trombay 6         | 11.80        | 63.17         | 510      | 375      | 500         |
| Trombay 7A        | 2.67         | 16.66         | 121      | 90       | 120         |
| Trombay 7B        | 1.56         | 9.58          | 68       | 57       | 60          |
| Trombay 8         | 5.81         | 33.17         | 251      | 172      | 250         |
| TATA Hydro        | 6.38         | 30.00         | 481      | 0        | 447         |
|                   | <b>39.87</b> | <b>220.29</b> |          |          | <b>1877</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 6.37         | 44.83         | 268      | 260      | 250         |
|                   | <b>6.37</b>  | <b>44.83</b>  |          |          | <b>250</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3086        |
|                   |              |               |          |          | <b>3086</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 104.05        | 640.05         |  | 4433         |
|                    | Thml+Gas | 118.72        | 727.06         |  | 5033         |
|                    | Hydro    | 32.19         | 139.28         |  | 1394         |
|                    | Total    | 150.91        | 866.33         |  | 6427         |
| <b>State Total</b> |          | <b>226.81</b> | <b>1310.05</b> |  | <b>12540</b> |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Nov/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                  | 4016        | 1042  | 570   | 5628   | 960   | 216  | 2316        | 3366        | 20     | 39    | 10262                   | 2013            | 12275                       | 1773             | 14048                    | 49.64         |
| 2                  | 4020        | 1047  | 572   | 5639   | 961   | 205  | 2326        | 3208        | 20     | 51    | 10117                   | 2037            | 12154                       | 1615             | 13769                    | 49.73         |
| 3                  | 4091        | 1085  | 578   | 5754   | 964   | 215  | 2387        | 3179        | 20     | 54    | 10219                   | 1831            | 12050                       | 1532             | 13582                    | 49.99         |
| 4                  | 4116        | 1055  | 581   | 5752   | 962   | 228  | 2446        | 3058        | 20     | 53    | 10106                   | 2030            | 12136                       | 1457             | 13593                    | 49.89         |
| 5                  | 4138        | 959   | 628   | 5725   | 963   | 223  | 2463        | 3065        | 20     | 52    | 10081                   | 2104            | 12185                       | 1474             | 13659                    | 49.66         |
| 6                  | 4316        | 1270  | 637   | 6223   | 961   | 218  | 2466        | 3257        | 20     | 50    | 10766                   | 2373            | 13139                       | 1527             | 14666                    | 49.50         |
| 7                  | 4495        | 1027  | 647   | 6169   | 959   | 242  | 2468        | 2885        | 20     | 47    | 10359                   | 3518            | 13877                       | 1664             | 15541                    | 49.40         |
| 8                  | 4498        | 1054  | 658   | 6210   | 960   | 208  | 2606        | 2649        | 16     | 37    | 10121                   | 3886            | 14007                       | 1756             | 15763                    | 49.57         |
| 9                  | 4565        | 905   | 650   | 6120   | 954   | 270  | 2604        | 2507        | 16     | 33    | 9941                    | 4117            | 14058                       | 1993             | 16051                    | 49.44         |
| 10                 | 4528        | 1129  | 634   | 6291   | 948   | 342  | 2907        | 2761        | -296   | -260  | 10139                   | 3996            | 14135                       | 2312             | 16447                    | 49.53         |
| 11                 | 4421        | 1454  | 629   | 6504   | 945   | 368  | 3040        | 2742        | -407   | -383  | 10232                   | 3729            | 13961                       | 2545             | 16506                    | 49.66         |
| 12                 | 4455        | 1642  | 622   | 6719   | 939   | 350  | 3035        | 2863        | -457   | -431  | 10493                   | 3742            | 14235                       | 2612             | 16847                    | 49.69         |
| 13                 | 4513        | 1420  | 612   | 6545   | 929   | 351  | 3031        | 3059        | -459   | -431  | 10506                   | 3594            | 14100                       | 2621             | 16721                    | 49.52         |
| 14                 | 4538        | 1475  | 609   | 6622   | 935   | 295  | 3027        | 3175        | -409   | -379  | 10701                   | 3565            | 14266                       | 2533             | 16799                    | 49.63         |
| 15                 | 4520        | 1383  | 602   | 6505   | 927   | 262  | 3027        | 3059        | -459   | -432  | 10374                   | 3704            | 14078                       | 2600             | 16678                    | 49.37         |
| 16                 | 4511        | 1273  | 612   | 6396   | 935   | 228  | 3026        | 3032        | -459   | -428  | 10217                   | 3704            | 13921                       | 2604             | 16525                    | 49.43         |
| 17                 | 4461        | 1484  | 624   | 6569   | 943   | 177  | 3026        | 3167        | -409   | -382  | 10527                   | 3607            | 14134                       | 2556             | 16690                    | 49.62         |
| 18                 | 4189        | 1496  | 612   | 6297   | 944   | 154  | 3021        | 3354        | -393   | -365  | 10438                   | 3290            | 13728                       | 2516             | 16244                    | 49.59         |
| 19                 | 4223        | 2039  | 603   | 6865   | 945   | 131  | 3099        | 3469        | -479   | -448  | 11015                   | 3957            | 14972                       | 2596             | 17568                    | 49.51         |
| 20                 | 4203        | 1894  | 608   | 6705   | 949   | 169  | 3022        | 3489        | -450   | -421  | 10944                   | 4123            | 15067                       | 2519             | 17586                    | 49.59         |
| 21                 | 4325        | 1669  | 610   | 6604   | 951   | 171  | 3038        | 3786        | -462   | -433  | 11132                   | 3896            | 15028                       | 2430             | 17458                    | 49.62         |
| 22                 | 4292        | 1324  | 605   | 6221   | 958   | 188  | 2956        | 3547        | -458   | -427  | 10544                   | 3933            | 14477                       | 2323             | 16800                    | 49.72         |
| 23                 | 4293        | 1570  | 588   | 6451   | 954   | 210  | 2878        | 3263        | -403   | -375  | 10560                   | 3340            | 13900                       | 2170             | 16070                    | 49.53         |
| 24                 | 4327        | 1490  | 580   | 6397   | 964   | 221  | 2879        | 3298        | -403   | -370  | 10567                   | 2392            | 12959                       | 2056             | 15015                    | 49.79         |
| MUs                | 104.05      | 32.19 | 14.67 | 150.91 | 22.81 | 5.64 | 67.09       | 75.24       | -6.23  | -5.55 | 250.36                  | 78.48           | 328.84                      | 51.78            | 380.63                   | 49.61         |

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 06/Nov/2009**

Position as on 6.30 Hrs of 07/Nov/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.                                     | 10/11/2009    |
| Cent_Sect NTPC(V-5)     | 210      | 21/10/2009   | 23.57        |            | Continued. | Boiler Overhall                          | 10/11/2009    |
| Khaparkheda Unit 3      | 210      | 23/10/2009   | 23.59        |            | Continued. | Annual Overhaul                          | 19/11/2009    |
| Parli Unit 6            | 250      | 31/10/2009   | 13.01        |            | Continued. | Hydrogen Leakage.                        | 15/11/2009    |
| REL 2                   | 250      | 02/11/2009   | 03.06        |            | Continued. | Annual Overhaul                          | 25/11/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                          |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                  | 30/11/2009    |
| 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                 | 31/03/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                   | 07/01/2010    |
| 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                       |               |
| Koradi Unit 3           | 105      | 02/11/2009   | 21:16        | 06/11/2009 | 01.25      | Boiler Tube Leakage.                     |               |
| Khaparkheda Unit 1      | 210      | 03/11/2009   | 11.53        |            | Continued. | Boiler tube leakage.                     | 08/11/2009    |
| Parli Unit 3            | 210      | 04/11/2009   | 07.43        | 06/11/2009 | 08.47      | C.W.P Tripped.                           |               |
| Parli Unit 2            | 30       | 04/11/2009   | 13.48        | 06/11/2009 | 19.41      | Furnace Pressure high.                   |               |
| Cent_Sect NTPC(K-6)     | 500      | 04/11/2009   | 21.45        | 06/11/2009 | 01.31      | BLR T/L.                                 |               |
| Khaparkheda Unit 2      | 210      | 05/11/2009   | 01.58        |            | Continued. | BLR T/L.                                 | 08/11/2009    |
| Cent_Sect NTPC(V-10)    | 500      | 05/11/2009   | 09.55        |            | Continued. | BLR T/L.                                 | 08/11/2009    |
| Koyna Unit 11           | 80       | 05/11/2009   | 14.20        | 06/11/2009 | 00.25      | B-Ph CT Jumper open.                     |               |
| Parli Unit 4            | 210      | 06/11/2009   | 16.56        | 06/11/2009 | 23.32      | Bus Bar protection operated at 220KV GCR |               |
| Parli Unit 5            | 210      | 06/11/2009   | 16.56        | 06/11/2009 | 19.46      | Bus Bar protection operated at 220KV GCR |               |
| Koradi Unit 2           | 105      | 06/11/2009   | 21.23        |            | Continued. | E.S.P. work                              | 09/11/2009    |
| Parli Unit 5            | 210      | 07/11/2009   | 04.12        |            | Continued. | Generator protection operated            |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Nov/2009**

Position as on 6.30 Hrs of 07/Nov/2009

| Name of Line                           | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                               |
|----------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                   |                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                |
| WARDHA-AKOLA-II                        | 24/10/2009   | 16.46        |                                   | Continued.        | H/T due to over voltage                                        |
| Chandrapur-Bhadravti - I               | 05/11/2009   | 10.07        |                                   | Continued.        | H/T To control C'pur-Parli line loading.                       |
| Dhule-S'Sarovar I                      | 06/11/2009   | 13.41        | 06/11/2009                        | 15.30             | H/T for Over Voltage                                           |
| Dhule-Sar'Sarovar II                   | 06/11/2009   | 15.41        | 06/11/2009                        | 16.45             | H/T for over voltage                                           |
| Dhule-Sar'Sarovar II                   | 06/11/2009   | 19.51        |                                   | Continued.        | H/T for over voltage                                           |
| <b>IntraState</b>                      |              |              |                                   |                   |                                                                |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                |
| 400/132KV,200 MVA ICT-II at Bhusawal   | 26/10/2009   | 09.32        |                                   | Continued.        | Over hauling work.                                             |
| 400/220 KV,600 MVA ICT-I @ Kalwa       | 06/11/2009   | 07.58        | 06/11/2009                        | 11.25             | To check D.C. leakage in C.T.R.                                |
| 400/220KV, 315MVA ICT-II at Padgha     | 06/11/2009   | 12.17        | 06/11/2009                        | 17.00             | B phase L.A.replacement                                        |
| <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                                                    |
| Bus-Coupler at Kalwa                   | 26/10/2009   | 09.28        |                                   | Continued.        | C.B.Replacement.                                               |
| 220/132 KV,200MVA ICT-II At Kalmeshwar | 30/10/2009   | 11.42        |                                   | Continued.        | Breaker O/H.ICT on TBC.                                        |
| Kalwa-Mulund II                        | 02/11/2009   | 09:20        |                                   | Continued.        | To Overhaul to 220 Kv ABB make SF6 Breaker. Line taken on TBC. |
| 220/100KV,125MVA ICT-III at Kalwa      | 05/11/2009   | 22.51        |                                   | Continued.        | Oil-Filtration.                                                |
| Talangade - Mumewadi                   | 06/11/2009   | 08.37        | 06/11/2009                        | 18.43             | Insulator replacement                                          |
| Kalwa-Taloja                           | 06/11/2009   | 08.50        | 06/11/2009                        | 10.31             | Commissioning of LA                                            |
| Chalisgaon - Malegaon                  | 06/11/2009   | 09.50        | 06/11/2009                        | 12.30             | R.M. work                                                      |
| Sonkar - Nerul                         | 06/11/2009   | 10.00        | 06/11/2009                        | 14.40             | Scada work                                                     |
| Ghatghar - Washala                     | 06/11/2009   | 10.12        | 06/11/2009                        | 16.10             | O/H of Breaker                                                 |
| Bhugaon - LLOYD - I                    | 06/11/2009   | 10.45        |                                   | Continued.        | Maint.work at LLOYD end                                        |
| Trombay - Sonkar                       | 06/11/2009   | 15.02        | 06/11/2009                        | 22.14             | Scada work                                                     |
| Trombay-Kalwa                          | 06/11/2009   | 22.51        | 07/11/2009                        | 04.51             | Bus section-I outage at Trombay                                |
| 220/132KV, 125 MVA ICT-II at Trombay   | 06/11/2009   | 22.53        | 07/11/2009                        | 04.59             | Bus Section I outage at Trombay                                |
| Trombay - Tata Tie - II                | 06/11/2009   | 23.05        | 07/11/2009                        | 04.58             | Bus section-I outage at Trombay                                |
| Bus section - I at Trombay             | 06/11/2009   | 23.10        | 07/11/2009                        | 04.19             | To attend Red Hot                                              |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                |
| Bhandara-Tekepar                       | 29/10/2009   | 09.13        |                                   | Continued.        | Breaker Replacement.                                           |
| Gangakhed - Kandhar                    | 01/11/2009   | 12.05        |                                   | Continued.        | Breaker replacement                                            |
| Harangul-Ujani-II                      | 06/11/2009   | 09.15        |                                   | Continued.        | Replacement of insulator                                       |
| <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 : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                |
| C'pur-Parli II                         | 04/11/2009   | 18.20        |                                   | Continued.        | Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.                 |
| Chandrapur - Parly - 3                 | 04/11/2009   | 18.30        |                                   | Continued.        | Land Sliding at Loc.78 at Borgaon,Tal-Wani.                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Nov/2009**

Position as on 6.30 Hrs of 07/Nov/2009

| Name of Line                       | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                          |
|------------------------------------|--------------|--------------|---------------------------------|--------------------|-----------------------------------------------------------|
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                           |
| Wardha-Badnera                     | 02/11/2009   | 22:37        |                                 | Continued.         | To load Akola ICT.                                        |
| Lonikhand-Ranjangaon               | 04/11/2009   | 06.50        |                                 | Continued.         | To Control LNKND ICT Loading.                             |
| <b>Voltage Level : 132KV</b>       |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                           |
| Pardi-Uppalwadi                    | 04/11/2009   | 18.26        |                                 | Continued.         | H/T To Control 132KV Ambazari-Mankapur load.              |
| Pachora - Chalisgaon CKT -I.       | 06/11/2009   | 17.57        |                                 | Continued.         | To control Bhusawal ICT load                              |
| Pachora-Chalisgaon Ckt.II.         | 06/11/2009   | 17.57        |                                 | Continued.         | To contro Bhusawal ICT load                               |
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                           |
| Boisor - Dahanu                    | 06/11/2009   | 10.40        | 06/11/2009                      | 11.18              | P.T.supply failure                                        |
| Boisor-Versova                     | 06/11/2009   | 10.40        | 06/11/2009                      | 11.21              | P.T. supply failure                                       |
| Boiser-PGCIL-I                     | 06/11/2009   | 11.21        | 06/11/2009                      | 11.35              | Distance Protection                                       |
| 220KV Bus - I at Parli GCR         | 06/11/2009   | 16.54        | 06/11/2009                      | 17.51              | Bus Bar protection operated                               |
| Parly - Girwali - II               | 06/11/2009   | 16.54        | 06/11/2009                      | 17.57              | Bus Bar protection operated at Parly                      |
| Parly - New Parly -I               | 06/11/2009   | 16.54        | 06/11/2009                      | 17.52              | Bus Bar protection operated at parly                      |
| 220/132KV 100MVA ICT at Parly      | 06/11/2009   | 16.54        | 06/11/2009                      | 18.07              | Bus Bar protection operated at Parly                      |
| 220/7 KV 35MVA Stn.T/F-II at Parly | 06/11/2009   | 16.54        | 06/11/2009                      | 18.13              | Bus Bar protection operated at Parly                      |
| Parly - Girwali - IV               | 06/11/2009   | 16.54        |                                 | Continued.         | Bus bar protection operated at Parly                      |
| Parly - Harangul - I               | 06/11/2009   | 16.54        | 06/11/2009                      | 18.01              | Bus Bar protection operated at Parly                      |
| <b>Voltage Level : 132KV</b>       |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                           |
| Girwali - Latur - I                | 06/11/2009   | 16.54        | 06/11/2009                      | 17.55              | Load Trimming Scheme operation due to tripping of U4 & U5 |
| Girwali - Kej                      | 06/11/2009   | 16.54        | 06/11/2009                      | 17.50              | Load Trimming Scheme operation due to tripping of U4&U5   |
| Girwali - Latur MIDC               | 06/11/2009   | 16.54        | 06/11/2009                      | 17.48              | Load Trimming Scheme operation due to tripping of U4&5    |
| Girwali - Gangakhed                | 06/11/2009   | 16.54        | 06/11/2009                      | 17.30              | Load Trimming Scheme operation due to tripping of U4&5    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 07/Nov/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 75          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 75          |
| Unit 4             | 105                   | 75          |
| Unit 5             | 200                   | 160         |
| Unit 6             | 210                   | 50          |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>595</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 20          |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>390</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 125         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>340</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 425         |
|                    | <b>2340</b>           | <b>2045</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 220         |
|                    | <b>305</b>            | <b>220</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>210</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 81          |
| Unit 3             | 210                   | 182         |
| Unit 4             | 210                   | 167         |
| Unit 5             | 210                   | 162         |
|                    | <b>870</b>            | <b>673</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 610         |
|                    | <b>852</b>            | <b>610</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                    | 20          |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 40          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>225</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                   | 906         |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>906</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 250         |
|                   | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2998        |
|                   | <b>3143</b>           | <b>2998</b> |