



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**05/Apr/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 05/Apr/2010 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 125.279        | 627.797         | 1) Madhya Pradesh              | 47.631         | 240.283         |
| 2) Hydro                 | 32.587         | 105.507         | 2) Gujrat                      | 26.968         | 142.328         |
| 3) Gas                   | 14.849         | 71.236          | 3) Goa                         | -6.886         | -32.275         |
| <b>Total MSGENCO</b>     | <b>172.715</b> | <b>804.540</b>  | 4) TAPS 1&2 (Inj.)             | 3.521          | 31.697          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.224         | -1.487          |
| 1) RGPPL Gas             | 33.147         | 165.511         | <b># Total Cent. Sector</b>    | <b>71.010</b>  | <b>380.546</b>  |
| 2) Wind Generation       | 5.414          | 37.053          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 4.008          | 21.175          | 1) With TPCL (Excess)          | -6.887         | -30.603         |
| 4) PENCH (MS)            | 0.224          | 1.487           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 4.892          | 24.424          |
| 1) TPCL Thermal          | 30.089         | 145.953         | Include PX                     | 2.268          | 11.340          |
| 2) TPCL Hydro            | 5.579          | 16.312          | 2) MUMBAI Bilateral            | 7.521          | 34.986          |
| <b>TOTAL TPCL</b>        | <b>35.668</b>  | <b>162.265</b>  | Include PX                     | 0.261          | 4.499           |
| 3) REL Thermal           | 12.555         | 63.004          | 3) MUMBAI Schedule             | 7.521          | 34.986          |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 167.923        | 836.754         | 1) MSEDCL                      | 279.631        | 1379.709        |
| 2) Hydro (A2+B3+C2)      | 38.390         | 123.306         | 2) TPCL                        | 36.475         | 165.695         |
| 3) Gas (A3+B1)           | 47.996         | 236.747         | 3) REL                         | 18.633         | 90.168          |
| 4) Wind (B2)             | 5.414          | 37.053          | <b>TOTAL STATE</b>             | <b>334.739</b> | <b>1635.572</b> |
| 5) CPP (B3)              | 4.008          | 21.175          |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>263.731</b> | <b>1255.035</b> |                                |                |                 |

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

| PARTICULARS                                                                           | A. Morning Peak at 12 Hrs | B. Evening Peak at 17 Hrs | C. Night Minimum at 3 Hrs   |
|---------------------------------------------------------------------------------------|---------------------------|---------------------------|-----------------------------|
| MSGENCO Thermal                                                                       | 5365                      | 5182                      | 5195                        |
| MSGENCO Hydro                                                                         | 1529                      | 1499                      | 1454                        |
| MSGENCO Gas                                                                           | 607                       | 598                       | 637                         |
| <b>MSGENCO Total Generation</b>                                                       | <b>7501</b>               | <b>7279</b>               | <b>7286</b>                 |
| Central Sector Receipt                                                                | 3179                      | 3365                      | 2688                        |
| RGPPL                                                                                 | 1295                      | 1720                      | 961                         |
| WIND                                                                                  | 95                        | 216                       | 320                         |
| CPP                                                                                   | 163                       | 200                       | 160                         |
| Exchange with TPCL                                                                    | -431                      | -514                      | -120                        |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>11840</b>              | <b>12266</b>              | <b>11295</b>                |
| Load Shedding                                                                         | 3623                      | 3604                      | 1593                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>15463</b>              | <b>15870</b>              | <b>12888</b>                |
| TPCL GENERATION                                                                       | 1824                      | 1760                      | 1018                        |
| REL GENERATION                                                                        | 521                       | 522                       | 525                         |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2776</b>               | <b>2796</b>               | <b>1663</b>                 |
| <b>STATE DEMAND MET</b>                                                               | <b>14616</b>              | <b>15062</b>              | <b>12958</b>                |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>18239</b>              | <b>18666</b>              | <b>14551</b>                |
| Frequency (Hz)                                                                        | 49.39                     | 49.32                     | 49.34                       |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                           |                           | <b>4990 MW AT 11.00 HRS</b> |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                           |                           | <b>92.89 Mus.</b>           |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.08 Hz at 12.18 Hrs | 48.79 Hz at 17.46 Hrs | 49.35         | 7.36 % of Time   |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 05/Apr/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.73        | 8.61          | 80       | 65       | 75       |
| Unit 2           | 1.45        | 7.38          | 70       | 19       | 65       |
| Unit 3           | 1.55        | 7.87          | 82       | 28       | 80       |
| Unit 4           | 1.42        | 7.60          | 78       | 16       | 40       |
| Unit 5           | 1.83        | 15.63         | 140      | 0        | 140      |
| Unit 6           | 4.11        | 19.38         | 179      | 160      | 160      |
| Unit 7           | 4.82        | 23.11         | 207      | 192      | 200      |
|                  | 16.90       | 89.59         |          |          | 760      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.20        | 5.56          | 52       | 42       | 50       |
| Unit 2           | 4.46        | 21.08         | 191      | 177      | 195      |
| Unit 3           | 4.56        | 21.67         | 195      | 180      | 195      |
|                  | 10.22       | 48.31         |          |          | 440      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.51        | 2.66          | 23       | 18       | 22       |
| Unit 2           | 0.54        | 2.76          | 24       | 20       | 22       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.69        | 18.57         | 174      | 142      | 200      |
| Unit 5           | 4.25        | 21.40         | 192      | 160      | 180      |
| Unit 6           | 6.08        | 29.64         | 256      | 245      | 250      |
| Unit 7           | 0.00        | 14.53         | 0        | 0        |          |
|                  | 15.07       | 89.56         |          |          | 674      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.29        | 16.15         | 147      | 117      | 150      |
| Unit 2           | 2.76        | 5.74          | 174      | 0        | 80       |
| Unit 3           | 4.14        | 19.70         | 190      | 138      | 180      |
| Unit 4           | 4.53        | 22.20         | 210      | 170      | 200      |
| Unit 5           | 10.20       | 50.25         | 445      | 394      | 450      |
| Unit 6           | 0.00        | 0.32          | 0        | 0        | 0        |
| Unit 7           | 10.44       | 51.21         | 453      | 412      | 450      |
|                  | 35.35       | 165.57        |          |          | 1510     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.03        | 4.77          | 46       | 35       | 46       |
| Unit 3           | 5.82        | 29.29         | 247      | 230      | 250      |
| Unit 4           | 2.60        | 11.94         | 121      | 88       |          |
|                  | 9.46        | 46.00         |          |          | 296      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.70        | 24.48         | 207      | 175      | 210      |
| Unit 2           | 4.62        | 22.55         | 199      | 185      | 190      |
| Unit 3           | 5.04        | 25.16         | 215      | 201      | 210      |
| Unit 4           | 5.06        | 24.11         | 214      | 204      | 210      |
|                  | 19.42       | 96.30         |          |          | 820      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.28        | 11.46         | 99       | 88       | 100      |
| Unit 2           | 2.26        | 11.09         | 99       | 80       | 95       |
| Unit 3           | 4.90        | 24.36         | 213      | 199      | 205      |
| Unit 4           | 4.56        | 22.76         | 198      | 178      | 190      |
| Unit 5           | 4.86        | 22.80         | 207      | 199      | 205      |
|                  | 18.86       | 92.47         |          |          | 795      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.25        | 18.90         | 470      | 40       | 600      |
| Stage 4          | 16.19       | 51.69         | 1116     | 0        | 250      |
| Stage 3          | 4.71        | 14.91         | 320      | 0        | 320      |
|                  | 27.15       | 85.50         |          |          | 1170     |
| Kovna 12&4 Total | 22.44       | 70.59         |          |          | 850      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 14.85       | 71.24         | 679      | 573      | 640      |
|                 |          | 14.85       | 71.24         |          |          | 640      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.58        | 0.58          | 38       | 0        | 0        |
| VTRNA           |          | 1.07        | 5.07          | 61       | 0        | 60       |
| TILLARI         |          | 0.41        | 1.81          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.35        | 1.23          | 15       | 14       | 6        |
| BHIRA T.R.      |          | 0.11        | 0.86          | 78       | 0        | 80       |
| RNGR+BHTSA      |          | 0.29        | 1.48          | 12       | 12       | 12       |
| BHANDARDRA      |          | 0.80        | 3.49          | 34       | 33       | 28       |
| ELDARY          |          | 0.33        | 0.43          | 14       | 13       | 0        |
| SMLHY PTN       |          | 0.77        | 3.07          | 39       | 30       | 32       |
| GHATGHAR        |          | 0.73        | 1.98          | 125      | 0        | 0        |
|                 |          | 5.44        | 20.00         |          |          | 278      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.22        | 1.49          | 51       | 0        |          |
|                 |          | 0.22        | 1.49          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.24        | 1.12          |          |          |          |
| Vankuswadi      |          | 0.30        | 2.38          |          |          |          |
| ATIT            |          | 0.20        | 0.92          |          |          |          |
| Kale            |          | 0.18        | 1.03          |          |          |          |
| Satara          |          | 0.16        | 1.66          |          |          |          |
| Shirala         |          | 0.19        | 1.09          |          |          |          |
| K Mahankal      |          | 0.06        | 1.17          |          |          |          |
| Supa            |          | 0.19        | 0.94          |          |          |          |
| Vita            |          | 1.27        | 5.48          |          |          |          |
| Dondaicha       |          | 1.55        | 14.00         |          |          |          |
| Sakri           |          | 0.29        | 2.54          |          |          |          |
| Nandurbar       |          | 0.20        | 2.00          |          |          |          |
| Khadakale       |          | 0.41        | 1.93          |          |          |          |
| Khaparale       |          | 0.18        | 0.80          |          |          |          |
|                 |          | 5.41        | 37.05         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 4.01        | 21.18         |          |          |          |
|                 |          | 4.01        | 21.18         |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 33.15       | 165.51        | 1842     | 960      | 1550     |
|                 |          | 33.15       | 165.51        |          |          | 1550     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 9.96        | 49.80         | 415      | 415      | 420      |
| Trombay 6       |          | 10.39       | 45.72         | 510      | 200      | 500      |
| Trombay 7A      |          | 2.82        | 14.26         | 120      | 112      | 120      |
| Trombay 7B      |          | 1.59        | 7.97          | 67       | 65       | 60       |
| Trombay 8       |          | 5.34        | 28.21         | 255      | 150      | 250      |
| TATA Hydro      |          | 5.58        | 16.31         | 471      | 0        | 447      |
|                 |          | 35.67       | 162.26        |          |          | 1797     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.56       | 63.00         | 526      | 518      | 500      |
|                 |          | 12.56       | 63.00         |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 2930     |
|                 |          |             |               |          |          | 2930     |
| MS PG CL        | Thermal  | 125.28      | 627.80        |          |          | 5295     |
|                 | Thml+Gas | 140.13      | 699.03        |          |          | 5935     |
|                 | Hydro    | 32.59       | 105.51        |          |          | 1448     |
|                 | Total    | 172.72      | 804.54        |          |          | 7383     |
| State Total     |          | 263.73      | 1255.04       |          |          | 14160    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 05/Apr/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CPP  | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |      |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 5201        | 1811  | 638   | 7650   | 960   | 336  | 159  | 2653        | 2918        | -231         | -205                 | 11818                   | 1680            | 13498                       | 1949                    | 15447                    | 49.52         |
| 2                  | 5160        | 1585  | 638   | 7383   | 960   | 342  | 159  | 2652        | 2730        | -231         | -186                 | 11388                   | 1714            | 13102                       | 1873                    | 14975                    | 49.47         |
| 3                  | 5195        | 1454  | 637   | 7286   | 961   | 320  | 160  | 2573        | 2688        | -160         | -120                 | 11295                   | 1593            | 12888                       | 1663                    | 14551                    | 49.34         |
| 4                  | 5214        | 1140  | 640   | 6994   | 970   | 319  | 162  | 2572        | 2768        | -160         | -124                 | 11089                   | 2053            | 13142                       | 1600                    | 14742                    | 49.48         |
| 5                  | 5229        | 1142  | 641   | 7012   | 980   | 366  | 136  | 2572        | 2843        | -160         | -125                 | 11212                   | 2226            | 13438                       | 1602                    | 15040                    | 49.47         |
| 6                  | 5264        | 1278  | 649   | 7191   | 960   | 365  | 133  | 2573        | 2757        | -160         | -111                 | 11295                   | 2540            | 13835                       | 1634                    | 15469                    | 49.43         |
| 7                  | 5264        | 804   | 679   | 6747   | 970   | 321  | 135  | 2864        | 2822        | -67          | -30                  | 10965                   | 3654            | 14619                       | 1683                    | 16302                    | 49.38         |
| 8                  | 5336        | 289   | 675   | 6300   | 1070  | 258  | 141  | 2864        | 2762        | -67          | -38                  | 10493                   | 3908            | 14401                       | 1796                    | 16197                    | 49.46         |
| 9                  | 5310        | 240   | 663   | 6213   | 1223  | 171  | 178  | 2876        | 2651        | -89          | -64                  | 10372                   | 4031            | 14403                       | 2064                    | 16467                    | 49.45         |
| 10                 | 5292        | 768   | 633   | 6693   | 1264  | 193  | 163  | 3328        | 3238        | -469         | -441                 | 11110                   | 3869            | 14979                       | 2428                    | 17407                    | 49.34         |
| 11                 | 5330        | 1124  | 622   | 7076   | 1274  | 122  | 180  | 3366        | 3689        | -469         | -437                 | 11904                   | 3534            | 15438                       | 2644                    | 18082                    | 49.50         |
| 12                 | 5365        | 1529  | 607   | 7501   | 1295  | 95   | 163  | 3553        | 3179        | -469         | -431                 | 11840                   | 3623            | 15463                       | 2776                    | 18239                    | 49.39         |
| 13                 | 5348        | 1158  | 598   | 7104   | 1372  | 71   | 115  | 3518        | 3147        | -469         | -466                 | 11391                   | 3553            | 14944                       | 2804                    | 17748                    | 49.63         |
| 14                 | 5238        | 1360  | 578   | 7176   | 1536  | 94   | 156  | 3344        | 3279        | -469         | -474                 | 11790                   | 3517            | 15307                       | 2776                    | 18083                    | 49.35         |
| 15                 | 5189        | 1425  | 576   | 7190   | 1260  | 110  | 173  | 3297        | 3173        | -469         | -471                 | 11435                   | 3688            | 15123                       | 2762                    | 17885                    | 49.14         |
| 16                 | 5189        | 1351  | 589   | 7129   | 1627  | 161  | 190  | 3243        | 3173        | -470         | -485                 | 11795                   | 3591            | 15386                       | 2831                    | 18217                    | 49.21         |
| 17                 | 5182        | 1499  | 598   | 7279   | 1720  | 216  | 200  | 3287        | 3365        | -518         | -514                 | 12266                   | 3604            | 15870                       | 2796                    | 18666                    | 49.32         |
| 18                 | 5193        | 1497  | 604   | 7294   | 1780  | 192  | 165  | 3311        | 3143        | -518         | -521                 | 12053                   | 3204            | 15257                       | 2713                    | 17970                    | 49.20         |
| 19                 | 5216        | 1519  | 614   | 7349   | 1840  | 190  | 212  | 2800        | 2709        | -276         | -266                 | 12034                   | 3559            | 15593                       | 2587                    | 18180                    | 49.45         |
| 20                 | 5209        | 1897  | 612   | 7718   | 1830  | 197  | 186  | 2950        | 2601        | -276         | -274                 | 12258                   | 3654            | 15912                       | 2623                    | 18535                    | 49.12         |
| 21                 | 5200        | 2015  | 614   | 7829   | 1779  | 224  | 194  | 2965        | 2905        | -276         | -220                 | 12711                   | 3277            | 15988                       | 2547                    | 18535                    | 49.16         |
| 22                 | 5110        | 1872  | 597   | 7579   | 1839  | 229  | 192  | 3014        | 2806        | -323         | -271                 | 12388                   | 3305            | 15693                       | 2419                    | 18112                    | 49.28         |
| 23                 | 5065        | 1872  | 574   | 7511   | 1842  | 240  | 190  | 3046        | 2971        | -363         | -307                 | 12498                   | 2879            | 15377                       | 2286                    | 17663                    | 49.18         |
| 24                 | 4980        | 1958  | 573   | 7511   | 1835  | 282  | 166  | 2894        | 2693        | -363         | -306                 | 12231                   | 1926            | 14157                       | 2254                    | 16411                    | 49.01         |
| MUs                | 125.28      | 32.59 | 14.85 | 172.72 | 33.15 | 5.41 | 4.01 | 72.12       | 71.01       | -7.52        | -6.89                | 279.63                  | 74.18           | 353.81                      | 55.11                   | 408.92                   | 49.35         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 05/Apr/2010**

Position as on 6.30 Hrs of 06/Apr/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) | 30/04/2010    |
| Parli Unit 3            | 210      | 11/03/2010   | 03.45        |            | Continued. | Annual overhaul                         | 17/04/2010    |
| Chandrapur Unit 6       | 500      | 01/04/2010   | 01.15        |            | Continued. | Annual Overhaul                         | 30/04/2010    |
| Cent_Sect NTPC(V-2)     | 210      | 01/04/2010   | 23.20        |            | Continued. | Annual Overhaul                         | 01/05/2010    |
| Cent_Sect NTPC(K-1)     | 210      | 01/04/2010   | 23.52        |            | Continued. | Annual Overhaul                         | 01/05/2010    |
| Cent_Sect Kawas GT2A    | 106      | 05/04/2010   | 00.11        |            | Continued. | Combustion inspection.                  | 07/04/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                   |               |
| Uran Unit 3             | 60       | 05/03/2010   | 09.49        |            | Continued. | Gas Restriction.                        |               |
| Dabhol 1B               | 230      | 04/04/2010   | 08.46        | 05/04/2010 | 08.55      | Electrical fault.                       |               |
| Dabhol 3A               | 230      | 04/04/2010   | 08.46        | 05/04/2010 | 12.08      | Electrical fault.                       |               |
| Dabhol 1A               | 230      | 04/04/2010   | 16.15        | 05/04/2010 | 03.18      | W/dn.                                   |               |
| Dabhol 1X               | 290      | 04/04/2010   | 16.53        | 05/04/2010 | 07.02      | Trip due to CTG 1,A.                    |               |
| Parli Unit 7            | 250      | 04/04/2010   | 17.16        |            | Continued. | Flame/Failure.                          | 12/04/2010    |
| Chandrapur Unit 2       | 210      | 04/04/2010   | 19.08        | 05/04/2010 | 02.22      | Drum level high.                        |               |
| Cent_Sect Tarapur 1     | 80       | 04/04/2010   | 21.25        |            | Continued. | Condensor Tube Leakage.                 | 09/04/2010    |
| Koradi Unit 5           | 200      | 05/04/2010   | 13.30        |            | Continued. | I.D.Fan Problem.                        | 08/04/2010    |
| Cent_Sect NTPC(V-4)     | 210      | 06/04/2010   | 00.43        |            | Continued. | BLR T/L.                                | 08/04/2010    |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Apr/2010**

Position as on 6.30 Hrs of 06/Apr/2010

| Name of Line                                  | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                          |
|-----------------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------------------|
| <b>InterState</b>                             |              |              |                                   |                    |                                                                           |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                           |
| HALKARNI-TILLARY                              | 05/04/2010   | 08.06        |                                   | Continued.         | Erection of tower shifting and conductor near Halkarni S/S.               |
| Taps 1,2--Taps 3&4 Tie Line                   | 05/04/2010   | 08.35        |                                   | Continued.         | Annual Maintaince.                                                        |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                           |
| Padgha-Bhoisor (PGCIL)                        | 05/04/2010   | 23.32        | 06/04/2010                        | 02.25              | To attend Red Hot on B-Ph CT.                                             |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                           |
| Akola - Wardha - II                           | 26/03/2010   | 17.33        |                                   | Continued.         | H/T.                                                                      |
| Dhule-Sar'Sarovar - I                         | 31/03/2010   | 15.13        | 05/04/2010                        | 11.15              | Over Voltage                                                              |
| Akola - Aurangabad - II                       | 31/03/2010   | 15.43        |                                   | Continued.         | Over Voltage.                                                             |
| <b>IntraState</b>                             |              |              |                                   |                    |                                                                           |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                           |
| 400/220KV,105MVA Spare ICT at Chandrapur      | 05/04/2010   | 10.30        | 05/04/2010                        | 18.11              | R.M.Work                                                                  |
| 220KV TBC @LONIKAND                           | 05/04/2010   | 11:20        |                                   | Continued.         | Service & Overhauling of breaker of 220KV TBC.                            |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                           |
| 220/132 KV,100 MVA ICT-I At Kalmeshwar        | 20/02/2010   | 10.34        |                                   | Continued.         | ICT replacement work.                                                     |
| BUS SEC-II at Jejuri                          | 19/03/2010   | 13.57        |                                   | Continued.         | Renovation of Isolator                                                    |
| 220/132KV 100MVA ICT-I at Parly-II            | 20/03/2010   | 09.35        |                                   | Continued.         | HV Breaker Replacement work,ICT on TBC.                                   |
| Nasik - Airoli - Knowledge Park               | 04/04/2010   | 09.57        |                                   | Continued.         | Conductor Replacement.                                                    |
| Talangde-Five star MIDC                       | 05/04/2010   | 10.00        | 05/04/2010                        | 17.45              | Q.M.Work,Testing Work                                                     |
| Bus Coupler at Padgha                         | 05/04/2010   | 11.50        | 05/04/2010                        | 18.57              | R-Ph CT oil leakage.                                                      |
| <b>Voltage Level : 110KV</b>                  |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                           |
| Borivali - Borivali - I                       | 05/04/2010   | 12.10        | 05/04/2010                        | 15.30              | Shifting of conductorfor new 220 KV Tata-MSETCL Borivali interconnection. |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                                           |
| 220/33 KV,50MVA T/F-1 at Khargar              | 05/04/2010   | 13.05        | 05/04/2010                        | 15.01              | Replacement of NRV.                                                       |
| <b>Voltage Level : 400KV</b>                  |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                           |
| Koradi - Kaparkheda                           | 25/03/2010   | 19:50        |                                   | Continued.         | H/T.                                                                      |
| Bhusawal- Aurangabad                          | 27/03/2010   | 18:22        |                                   | Continued.         | H/T for O/V.                                                              |
| Khadka - Deepnagar - II                       | 31/03/2010   | 16.13        |                                   | Continued.         | Handtripped                                                               |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                           |
| 220/22 KV 50 MVA T/F - I @ Airoli             | 02/04/2010   | 23.02        |                                   | Continued.         | Hand Tripped.                                                             |
| <b>Voltage Level : 220KV</b>                  |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                           |
| 220/6.6 KV 40 MVA Station T/F- I @ Kaparkheda | 05/04/2010   | 08.10        | 05/04/2010                        | 14.27              | Tripped on E/F Protection (L.V.Breaker)                                   |
| <b>Voltage Level : 132KV</b>                  |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                           |
| 132/3.3 KV 6 MVA Stn T/F @ Paras              | 15/03/2010   | 16.16        |                                   | Continued.         | B Ph C T Burst.                                                           |
| Amravati - Achalpur                           | 05/04/2010   | 06.55        | 05/04/2010                        | 07.02              | Dist.Protection Z-I.                                                      |
| Parbhani-Parthur                              | 05/04/2010   | 08.50        | 05/04/2010                        | 09.09              | Tripped on B/U,E/F Protection.                                            |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 06/Apr/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 60          |
| Unit 2             | 105                   | 32          |
| Unit 3             | 105                   | 30          |
| Unit 4             | 105                   | 20          |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 170         |
| Unit 7             | 210                   | 200         |
|                    | <b>1040</b>           | <b>512</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 185         |
| Unit 3             | 210                   | 195         |
|                    | <b>478</b>            | <b>430</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 22          |
| Unit 2             | 30                    | 22          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 130         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 250         |
| Unit 7             | 250                   |             |
|                    | <b>1190</b>           | <b>604</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 410         |
|                    | <b>2340</b>           | <b>1565</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 30          |
| Unit 3             | 250                   | 265         |
| Unit 4             | 250                   |             |
|                    | <b>555</b>            | <b>295</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>820</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 100         |
| Unit 2             | 120                   | 95          |
| Unit 3             | 210                   | 205         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 205         |
|                    | <b>870</b>            | <b>805</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 570         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>570</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 37          |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 10          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 30          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 30          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>322</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>CPP</b>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1550        |
|                   | <b>960</b>            | <b>1550</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 400         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1777</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2965        |
|                   | <b>3143</b>           | <b>2965</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>17376</b> | <b>13885</b> |
|--|--------------|--------------|