



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**02/Jun/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 02/Jun/2010 WEDNESDAY**

| <b>I GENERATION (MUs)</b> |                |                | <b>II EXCHANGES (MUs)</b>      |                |                |
|---------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b> | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b> |
| 1) Thermal                | 89.139         | 175.770        | 1) Madhya Pradesh              | 62.504         | 129.947        |
| 2) Hydro                  | 16.097         | 33.780         | 2) Gujrat                      | 25.758         | 49.873         |
| 3) Gas                    | 16.854         | 33.525         | 3) Goa                         | -6.124         | -11.663        |
| <b>Total MSGENCO</b>      | <b>122.090</b> | <b>243.075</b> | 4) TAPS 1&2 (Inj.)             | 7.171          | 14.390         |
| <b>B) OTHERS</b>          |                |                | 5) Pench (Excess)              | -0.208         | -0.568         |
| 1) RGPPL Gas              | 35.283         | 72.315         | <b># Total Cent. Sector</b>    | <b>89.101</b>  | <b>181.979</b> |
| 2) Wind Generation        | 7.643          | 21.967         | <b>F) Other Exchanges</b>      |                |                |
| 3) CPP                    | 4.487          | 8.769          | 1) With TPCL (Excess)          | -11.514        | -23.189        |
| 4) PENCH (MS)             | 0.208          | 0.568          | <b>G) Bilateral Power *</b>    |                |                |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) MSEDCL Bilateral            | 10.293         | 20.570         |
| 1) TPCL Thermal           | 32.483         | 65.095         | Include PX                     | 3.978          | 9.660          |
| 2) TPCL Hydro             | 3.048          | 6.201          | 2) MUMBAI Bilateral            | 12.605         | 25.567         |
| <b>TOTAL TPCL</b>         | <b>35.531</b>  | <b>71.296</b>  | Include PX                     | 1.189          | 3.052          |
| 3) REL Thermal            | 12.513         | 25.021         | 3) MUMBAI Schedule             | 12.605         | 25.567         |
| <b>D) STATE</b>           |                |                | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 1) Thermal (A1+C1+C3)     | 134.135        | 265.886        | 1) MSEDCL                      | 247.298        | 505.484        |
| 2) Hydro (A2+B3+C2)       | 19.353         | 40.549         | 2) TPCL                        | 38.184         | 76.789         |
| 3) Gas (A3+B1)            | 52.137         | 105.840        | 3) REL                         | 21.378         | 42.719         |
| 4) Wind (B2)              | 7.643          | 21.967         | <b>TOTAL STATE</b>             | <b>306.860</b> | <b>624.992</b> |
| 5) CPP (B3)               | 4.487          | 8.769          |                                |                |                |
| <b>TOTAL STATE</b>        | <b>217.755</b> | <b>443.011</b> |                                |                |                |

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

| <b>PARTICULARS</b>                                                                    | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 17 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                                                                       | 3642                             | 3711                             | 3744                             |
| MSGENCO Hydro                                                                         | 746                              | 184                              | 138                              |
| MSGENCO Gas                                                                           | 694                              | 697                              | 720                              |
| <b>MSGENCO Total Generation</b>                                                       | <b>5082</b>                      | <b>4592</b>                      | <b>4602</b>                      |
| Central Sector Receipt                                                                | 4383                             | 4385                             | 3550                             |
| RGPPL                                                                                 | 1539                             | 1333                             | 1548                             |
| WIND                                                                                  | 92                               | 862                              | 133                              |
| CPP                                                                                   | 164                              | 162                              | 210                              |
| Exchange with TPCL                                                                    | -662                             | -657                             | -264                             |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>10621</b>                     | <b>10677</b>                     | <b>9779</b>                      |
| Load Shedding                                                                         | 4061                             | 3993                             | 2159                             |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>14682</b>                     | <b>14670</b>                     | <b>11938</b>                     |
| TPCL GENERATION                                                                       | 1628                             | 1802                             | 1109                             |
| REL GENERATION                                                                        | 523                              | 522                              | 522                              |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2813</b>                      | <b>2981</b>                      | <b>1895</b>                      |
| <b>STATE DEMAND MET</b>                                                               | <b>13434</b>                     | <b>13658</b>                     | <b>11674</b>                     |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>17495</b>                     | <b>17651</b>                     | <b>13833</b>                     |
| Frequency (Hz)                                                                        | 49.84                            | 49.86                            | 49.61                            |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                                  |                                  | <b>5758 MW AT 14.00 HRs</b>      |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                                  |                                  | <b>108.32 MUs.</b>               |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>        | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49Hz</b> |
|------------------------------|-----------------------------|----------------------|-------------------------|
| <b>50.29 Hz at 18.50 Hrs</b> | <b>48.8 Hz at 22.07 Hrs</b> | <b>49.7</b>          | <b>.24 % of Time</b>    |

\* 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 02/Jun/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.66        | 2.91          | 79       | 46       | 70       |
| Unit 2           | 1.57        | 2.80          | 75       | 40       | 70       |
| Unit 3           | 1.42        | 2.81          | 73       | 32       | 70       |
| Unit 4           | 1.29        | 2.20          | 76       | 29       | 70       |
| Unit 5           | 2.52        | 5.38          | 131      | 80       | 130      |
| Unit 6           | 2.73        | 5.72          | 142      | 73       | 120      |
| Unit 7           | 2.74        | 5.95          | 145      | 60       | 140      |
|                  | 13.94       | 27.78         |          |          | 670      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.79        | 1.72          | 44       | 15       | 50       |
| Unit 2           | 4.04        | 8.21          | 184      | 152      | 180      |
| Unit 3           | 3.77        | 7.68          | 180      | 145      | 175      |
|                  | 8.60        | 17.62         |          |          | 405      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.54        | 1.07          | 25       | 20       | 22       |
| Unit 2           | 0.53        | 1.01          | 24       | 20       | 22       |
| Unit 3           | 4.34        | 8.54          | 195      | 163      | 180      |
| Unit 4           | 4.12        | 8.00          | 189      | 137      | 180      |
| Unit 5           | 4.01        | 7.59          | 178      | 152      | 180      |
| Unit 6           | 6.02        | 12.05         | 253      | 250      | 250      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 19.57       | 38.26         |          |          | 834      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.40        | 8.76          | 195      | 155      | 190      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 4.40        | 8.76          |          |          | 190      |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.55        | 1.06          | 28       | 16       | 24       |
| Unit 3           | 5.67        | 11.20         | 252      | 181      | 240      |
| Unit 4           | 3.18        | 6.11          | 183      | 94       | 0        |
|                  | 9.40        | 18.37         |          |          | 264      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.58        | 7.76          | 210      | 130      | 150      |
| Unit 2           | 4.18        | 7.88          | 181      | 163      | 170      |
| Unit 3           | 4.24        | 8.37          | 188      | 160      | 180      |
| Unit 4           | 4.04        | 7.94          | 192      | 149      | 160      |
|                  | 17.04       | 31.95         |          |          | 660      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.33        | 4.61          | 100      | 89       | 100      |
| Unit 2           | 0.00        | 0.89          | 0        | 0        | 0        |
| Unit 3           | 4.78        | 9.37          | 206      | 191      | 200      |
| Unit 4           | 4.38        | 8.80          | 187      | 178      | 180      |
| Unit 5           | 4.69        | 9.37          | 201      | 189      | 200      |
|                  | 16.19       | 33.04         |          |          | 680      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 4.50        | 8.10          | 475      | 30       | 600      |
| Stage 4          | 7.25        | 15.48         | 1118     | 0        | 250      |
| Stage 3          | 2.19        | 4.79          | 320      | 0        | 320      |
|                  | 13.94       | 28.37         |          |          | 1170     |
| Kovna 12&4 Total | 11.75       | 23.57         |          |          | 850      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 16.85       | 33.52         | 721      | 686      | 680      |
|                 |          | 16.85       | 33.52         |          |          | 680      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.69        | 1.43          | 31       | 15       | 36       |
| VTRNA           |          | 0.47        | 0.95          | 61       | 0        | 60       |
| TILLARI         |          | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      |          | 0.12        | 0.26          | 5        | 4        | 6        |
| BHIRA T.R.      |          | 0.22        | 0.48          | 41       | 0        | 40       |
| RNGR+BHTSA      |          | 0.08        | 0.16          | 4        | 3        | 0        |
| BHANDARDRA      |          | 0.00        | 0.00          | 0        | 0        | 0        |
| ELDARY          |          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       |          | 0.42        | 0.83          | 24       | 15       | 4        |
| GHATGHAR        |          | 0.16        | 1.30          | 110      | 0        | 0        |
|                 |          | 2.16        | 5.41          |          |          | 146      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.21        | 0.57          | 46       | 0        | 0        |
|                 |          | 0.21        | 0.57          |          |          | 0        |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.17        | 0.43          |          |          |          |
| Vankuswadi      |          | 0.63        | 1.40          |          |          |          |
| ATIT            |          | 0.09        | 0.18          |          |          |          |
| Kale            |          | 0.24        | 0.60          |          |          |          |
| Satara          |          | 0.20        | 0.45          |          |          |          |
| Shirala         |          | 0.27        | 0.50          |          |          |          |
| K Mahankal      |          | 0.40        | 1.37          |          |          |          |
| Supa            |          | 0.09        | 0.28          |          |          |          |
| Vita            |          | 0.46        | 2.66          |          |          |          |
| Dondaicha       |          | 3.38        | 9.59          |          |          |          |
| Sakri           |          | 0.57        | 1.58          |          |          |          |
| Nandurbar       |          | 0.42        | 1.26          |          |          |          |
| Khadakale       |          | 0.31        | 0.79          |          |          |          |
| Khaparale       |          | 0.43        | 0.88          |          |          |          |
|                 |          | 7.64        | 21.97         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 4.49        | 8.77          |          |          |          |
|                 |          | 4.49        | 8.77          |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 35.28       | 72.32         | 1559     | 1326     | 1520     |
|                 |          | 35.28       | 72.32         |          |          | 1520     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 2.61        | 5.26          | 111      | 107      | 110      |
| Trombay 5       |          | 10.32       | 20.24         | 475      | 380      | 420      |
| Trombay 6       |          | 10.13       | 20.92         | 485      | 225      | 500      |
| Trombay 7A      |          | 2.83        | 5.65          | 120      | 117      | 120      |
| Trombay 7B      |          | 1.58        | 3.15          | 67       | 65       | 60       |
| Trombay 8       |          | 5.01        | 9.88          | 250      | 150      | 250      |
| TATA Hydro      |          | 3.05        | 6.20          | 403      | 0        | 447      |
|                 |          | 35.53       | 71.30         |          |          | 1907     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.51       | 25.02         | 523      | 516      | 500      |
|                 |          | 12.51       | 25.02         |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3263     |
|                 |          |             |               |          |          | 3263     |
| MS PG CL        | Thermal  | 89.14       | 175.77        |          |          | 3703     |
|                 | Thml+Gas | 105.99      | 209.30        |          |          | 4383     |
|                 | Hydro    | 16.10       | 33.78         |          |          | 1316     |
|                 | Total    | 122.09      | 243.08        |          |          | 5699     |
| State Total     |          | 217.76      | 443.01        |          |          | 12889    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 02/Jun/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                  | 3522        | 418   | 695   | 4635   | 1535  | 678  | 207  | 3006        | 3247        | -456         | -412                 | 9919                    | 1984            | 11903                       | 2339                    | 14242                    | 49.48         |
| 2                  | 3558        | 166   | 711   | 4435   | 1539  | 575  | 209  | 2912        | 3051        | -366         | -316                 | 9493                    | 2426            | 11919                       | 2136                    | 14055                    | 49.56         |
| 3                  | 3606        | 104   | 718   | 4428   | 1540  | 373  | 210  | 2893        | 3338        | -321         | -270                 | 9619                    | 2328            | 11947                       | 2038                    | 13985                    | 49.60         |
| 4                  | 3722        | 164   | 714   | 4600   | 1544  | 265  | 208  | 2974        | 3626        | -321         | -260                 | 9983                    | 2126            | 12109                       | 1941                    | 14050                    | 49.62         |
| 5                  | 3744        | 138   | 720   | 4602   | 1548  | 133  | 210  | 3024        | 3550        | -321         | -264                 | 9779                    | 2159            | 11938                       | 1895                    | 13833                    | 49.61         |
| 6                  | 3714        | 419   | 721   | 4854   | 1556  | 74   | 210  | 3039        | 3215        | -321         | -264                 | 9645                    | 2465            | 12110                       | 1887                    | 13997                    | 49.72         |
| 7                  | 3760        | 109   | 720   | 4589   | 1559  | 67   | 211  | 3160        | 2988        | -270         | -222                 | 9192                    | 3665            | 12857                       | 1840                    | 14697                    | 49.80         |
| 8                  | 3756        | 100   | 714   | 4570   | 1550  | 91   | 196  | 3207        | 3032        | -320         | -263                 | 9176                    | 3896            | 13072                       | 1892                    | 14964                    | 49.74         |
| 9                  | 3752        | 141   | 707   | 4600   | 1541  | 68   | 174  | 3199        | 3668        | -365         | -316                 | 9738                    | 4137            | 13875                       | 2124                    | 15999                    | 49.65         |
| 10                 | 3721        | 190   | 701   | 4612   | 1539  | 55   | 168  | 3579        | 3715        | -685         | -645                 | 9467                    | 4129            | 13596                       | 2530                    | 16126                    | 49.78         |
| 11                 | 3642        | 746   | 694   | 5082   | 1539  | 92   | 164  | 3592        | 4383        | -696         | -662                 | 10621                   | 4061            | 14682                       | 2813                    | 17495                    | 49.84         |
| 12                 | 3598        | 1260  | 686   | 5544   | 1410  | 101  | 178  | 3590        | 4120        | -691         | -657                 | 10720                   | 3715            | 14435                       | 2917                    | 17352                    | 49.70         |
| 13                 | 3622        | 1830  | 689   | 6141   | 1334  | 157  | 151  | 3601        | 4079        | -694         | -656                 | 11206                   | 3573            | 14779                       | 2954                    | 17733                    | 49.74         |
| 14                 | 3652        | 2031  | 686   | 6369   | 1331  | 260  | 160  | 3452        | 4159        | -697         | -668                 | 11611                   | 3344            | 14955                       | 2908                    | 17863                    | 49.63         |
| 15                 | 3682        | 1762  | 687   | 6131   | 1326  | 486  | 182  | 3459        | 3892        | -697         | -669                 | 11348                   | 3610            | 14958                       | 2991                    | 17949                    | 49.55         |
| 16                 | 3708        | 398   | 689   | 4795   | 1328  | 683  | 171  | 3420        | 4273        | -697         | -644                 | 10606                   | 4046            | 14652                       | 3015                    | 17667                    | 49.70         |
| 17                 | 3711        | 184   | 697   | 4592   | 1333  | 862  | 162  | 3417        | 4385        | -694         | -657                 | 10677                   | 3993            | 14670                       | 2981                    | 17651                    | 49.86         |
| 18                 | 3752        | 110   | 701   | 4563   | 1337  | 829  | 175  | 3422        | 4158        | -697         | -653                 | 10409                   | 3783            | 14192                       | 2843                    | 17035                    | 50.00         |
| 19                 | 3819        | 183   | 704   | 4706   | 1337  | 696  | 193  | 3128        | 3676        | -556         | -511                 | 10097                   | 4058            | 14155                       | 2663                    | 16818                    | 50.02         |
| 20                 | 3818        | 202   | 700   | 4720   | 1385  | 586  | 191  | 3208        | 3901        | -556         | -522                 | 10261                   | 4183            | 14444                       | 2657                    | 17101                    | 49.71         |
| 21                 | 3857        | 796   | 699   | 5352   | 1538  | 280  | 187  | 3259        | 4024        | -551         | -503                 | 10892                   | 3689            | 14581                       | 2622                    | 17203                    | 49.61         |
| 22                 | 3889        | 1353  | 701   | 5943   | 1542  | 70   | 186  | 3257        | 3755        | -524         | -476                 | 11043                   | 3368            | 14411                       | 2506                    | 16917                    | 49.62         |
| 23                 | 3811        | 1602  | 699   | 6112   | 1545  | 72   | 192  | 3204        | 3753        | -527         | -479                 | 11218                   | 2905            | 14123                       | 2515                    | 16638                    | 49.57         |
| 24                 | 3724        | 1686  | 701   | 6111   | 1547  | 90   | 192  | 3096        | 3106        | -577         | -525                 | 10567                   | 2881            | 13448                       | 2551                    | 15999                    | 49.59         |
| MUs                | 89.14       | 16.09 | 16.85 | 122.09 | 35.28 | 7.64 | 4.49 | 78.10       | 89.09       | -12.61       | -11.51               | 247.29                  | 80.52           | 327.81                      | 59.56                   | 387.37                   | 49.70         |

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 02/Jun/2010**

Position as on 6.30 Hrs of 03/Jun/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) | 30/12/2010    |
| Chandrapur Unit 6       | 500      | 01/04/2010   | 01.15        |            | Continued. | Annual Overhaul                         | 16/06/2010    |
| Chandrapur Unit 1       | 210      | 08/04/2010   | 08.36        |            | Continued. | Annual Overhaul                         | 30/06/2010    |
| Dabhol 2B               | 230      | 15/04/2010   | 01.40        |            | Continued. | Control System modification work        | 15/06/2010    |
| Chandrapur Unit 5       | 500      | 16/04/2010   | 15.49        |            | Continued. | Water Balancing Problem.                | 15/06/2010    |
| Chandrapur Unit 2       | 210      | 18/04/2010   | 21.38        |            | Continued. | Clinker Formation.                      | 30/06/2010    |
| Chandrapur Unit 7       | 500      | 25/04/2010   | 00.23        |            | Continued. | Water Balancing Problem.                | 30/06/2010    |
| Cent_Sect NTPC(K-4)     | 500      | 09/05/2010   | 07.00        |            | Continued. | Annual Overhaul                         | 12/06/2010    |
| Cent_Sect NTPC(V-4)     | 210      | 19/05/2010   | 17:09        |            | Continued. | Annual O/H .                            | 09/06/2010    |
| Chandrapur Unit 3       | 210      | 26/05/2010   | 23.59        |            | Continued. | Water Balancing Problem.                | 30/06/2010    |
| <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                         |               |
| Parli Unit 7            | 250      | 28/05/2010   | 21.41        |            | Continued. | Low Pressure bypass valve leakage       | 01/06/2010    |
| Cent_Sect NTPC(K-6)     | 500      | 31/05/2010   | 15.37        | 02/06/2010 | 03.59      | Cooling water pump problem.             |               |
| Nasik Unit 2            | 125      | 01/06/2010   | 11.10        |            | Continued. | BLR T/L                                 | 04/06/2010    |
| Cent_Sect Sipat-4       | 500      | 02/06/2010   | 13.08        |            | Continued. | BLR T/L.                                | 04/06/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Jun/2010**

Position as on 6.30 Hrs of 03/Jun/2010

| Name of Line                                            | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                |
|---------------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|---------------------------------------------------------------------------------|
| <b>InterState</b>                                       |              |              |                                   |                    |                                                                                 |
| <b>Voltage Level : 400KV</b>                            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                 |
| Akola - Aurangabad - I                                  | 09/04/2010   | 13.00        |                                   | Continued.         | To control Aurangabad ICT loading.                                              |
| Wardha - Akola - II                                     | 29/04/2010   | 11.37        |                                   | Continued.         | Due to line loading.                                                            |
| Dhule-Sar'Sarovar - II                                  | 24/05/2010   | 23.34        | 02/06/2010                        | 09.33              | For Over Voltage.                                                               |
| Chandrapur-Bhadravti - I                                | 02/06/2010   | 00.19        | 02/06/2010                        | 12.40              | H/T For O/V.                                                                    |
| Dhule-S'Sarovar I                                       | 02/06/2010   | 01.31        |                                   | Continued.         | H/T for O/V.                                                                    |
| Kolhapur-Mapusa Ckt I                                   | 02/06/2010   | 01.34        | 02/06/2010                        | 09.01              | H/T for O/V.                                                                    |
| <b>IntraState</b>                                       |              |              |                                   |                    |                                                                                 |
| <b>Voltage Level : 400KV</b>                            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                 |
| 50 MVAR Line Reactor of LN at Parli.                    | 13/05/2010   | 07.58        |                                   | Continued.         | Overhauling of line reactor of Lonikand -I at Parli.                            |
| 400/11.5 KV 90 MVA Station T/F-IV @ Chandrapur          | 29/05/2010   | 10.18        |                                   | Continued.         | Maintainance Work.                                                              |
| C'pur-Parli CKT .I                                      | 02/06/2010   | 08.23        | 02/06/2010                        | 18.42              | Replacement of faulty disc insulator, Permit returned and kept ready to charge. |
| Karad-Kolhapur CKT I                                    | 02/06/2010   | 09.08        | 02/06/2010                        | 19.17              | Replacement of faulty disc insulator.                                           |
| 400/220KV, 500MVA ICT at Lamboti                        | 02/06/2010   | 10.22        | 02/06/2010                        | 18.28              | ICT-II,jumpering work.                                                          |
| <b>Voltage Level : 220KV</b>                            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                                 |
| 220/132 KV,100 MVA ICT-I At Kalmeshwar                  | 20/02/2010   | 10.34        |                                   | Continued.         | Repl.of ICT by 200 MVA New ICT.                                                 |
| 220/132 KV,100 MVA T/F-II @ Malegaon                    | 08/04/2010   | 08.55        |                                   | Continued.         | ICT tobe replaced with new 200MVA ICT                                           |
| 220/132kv 100MVA ICT-III at padegaon                    | 12/05/2010   | 13.30        |                                   | Continued.         | Replacement of 100 MVA ICT By 200 MVA ICT.                                      |
| 220/132 KV 100 MVA ICT - I @ Ranjangaon                 | 18/05/2010   | 13.48        |                                   | Continued.         | Transformer Augmentation work.                                                  |
| Kalwa-Nasik III                                         | 02/06/2010   | 08.52        | 02/06/2010                        | 18.01              | Insulator replacement work.                                                     |
| 220/132 KV,200 MVA ICT @ Bale                           | 02/06/2010   | 10.15        | 02/06/2010                        | 13.15              | Testing and Q.M.Work                                                            |
| <b>Voltage Level : 400KV</b>                            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                                 |
| 400/220 KV,315 MVA ICT-I at Parly.                      | 29/05/2010   | 22.22        |                                   | Continued.         | ICT Charged with LV Side on TBC due to PDR Problem.                             |
| <b>Voltage Level : 400KV</b>                            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                 |
| Bhusawal- Aurangabad                                    | 01/06/2010   | 04.11        |                                   | Continued.         | H/T for O/V.                                                                    |
| <b>Voltage Level : 220KV</b>                            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                 |
| Momewadi-Halkarni                                       | 02/06/2010   | 11.15        | 02/06/2010                        | 13.14              | To attend heavy sparking.                                                       |
| <b>Voltage Level : 100KV</b>                            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                                                 |
| Kolshet-Vasai                                           | 02/06/2010   | 12.55        | 02/06/2010                        | 13.00              | Due to heavy sparking on isolator.                                              |
| <b>Voltage Level : 400KV</b>                            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                 |
| 400/11.5/6.6 KV 70 MVA Strn.T/F 5B at 400KV Khaparkheda | 25/04/2010   | 03.59        |                                   | Continued.         | B-Ph,HV bushing burst and caught fire.                                          |
| 400/220 KV,600 MVA ICT-II at Kalwa                      | 02/06/2010   | 01.04        | 02/06/2010                        | 01.59              | Tripped on NDR.                                                                 |
| <b>Voltage Level : 220KV</b>                            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                                 |
| 220/132 KV 200 MVA ICT - II at Theur                    | 01/06/2010   | 03.57        |                                   | Continued.         | Oil tank burst.                                                                 |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/Jun/2010**

Position as on 6.30 Hrs of 03/Jun/2010

| Name of Line                     | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                               |
|----------------------------------|--------------|--------------|----------------------------|--------------------|------------------------------------------------|
| Padgha-Boiser(PGCIL)             | 02/06/2010   | 01.08        | 02/06/2010                 | 13.28              | Tripped on Dist.Protection.                    |
| Chandrapur-Chandrapur MIDC       | 02/06/2010   | 12.21        | 02/06/2010                 | 12.51              | Dist.Protection operated Z-1,R-Ph dist.2.5 KM. |
| Warora-Wardha                    | 02/06/2010   | 15.56        | 02/06/2010                 | 16.19              | Dist.protection Operated.                      |
| <b>Voltage Level : 132KV</b>     |              |              | <b>Outage Type TRIPPED</b> |                    |                                                |
| 132/3.3 KV 6 MVA Stn T/F @ Paras | 15/03/2010   | 16.16        |                            | Continued.         | B Ph CT Burst.                                 |
| 132 KV Capaciter Bank @ Nanded   | 24/04/2010   | 21.45        |                            | Continued.         | Capaciter Bank Breaker Burst.                  |
| Pachora-Chalisgaon Ckt.II.       | 02/06/2010   | 09.18        | 02/06/2010                 | 09.48              | Dist.Protection operated,Z-2.(dist.47 Km.)     |
| Bhusawal - Pachora               | 02/06/2010   | 09.18        | 02/06/2010                 | 09.34              | Dist.Protection operated Z-2.                  |
| <b>Voltage Level : 100KV</b>     |              |              | <b>Outage Type TRIPPED</b> |                    |                                                |
| Kalwa-Reliable                   | 02/06/2010   | 10.25        | 02/06/2010                 | 16.40              | Wave trap jumper open.                         |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 03/Jun/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 50          |
| Unit 2             | 105                   | 65          |
| Unit 3             | 105                   | 40          |
| Unit 4             | 105                   | 40          |
| Unit 5             | 200                   | 130         |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 120         |
|                    | <b>1040</b>           | <b>575</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 20          |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 170         |
|                    | <b>478</b>            | <b>370</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 22          |
| Unit 2             | 30                    | 22          |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 250         |
| Unit 7             | 250                   |             |
|                    | <b>1190</b>           | <b>834</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 0           |
|                    | <b>2340</b>           | <b>190</b>  |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 44          |
| Unit 3             | 250                   | 220         |
| Unit 4             | 250                   |             |
|                    | <b>555</b>            | <b>264</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
|                    | <b>840</b>            | <b>770</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 95          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>685</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                   | 680         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>680</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 36          |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 6           |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 0           |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 3           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>145</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                   | 1520        |
|                   | <b>960</b>            | <b>1520</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 110         |
| Trombay 5         | 500                   | 410         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 110         |
| Trombay 7B        | 60                    | 50          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3269        |
|                   | <b>3143</b>           | <b>3269</b> |