



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**02/Feb/2010**

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

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                |
|--------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly        |
| 1) Thermal               | 113.865        | 233.348        | 1) Madhya Pradesh              | 63.009         | 126.911        |
| 2) Hydro                 | 14.982         | 23.044         | 2) Gujrat                      | 28.827         | 58.047         |
| 3) Gas                   | 12.574         | 25.474         | 3) Goa                         | -6.338         | -12.645        |
| <b>Total MSGENCO</b>     | <b>141.421</b> | <b>281.866</b> | 4) TAPS 1&2 (Inj.)             | 6.331          | 12.484         |
| <b>B) OTHERS</b>         |                |                | 5) Pench (Excess)              | -0.279         | -0.656         |
| 1) RGPPL Gas             | 30.963         | 61.785         | <b># Total Cent. Sector</b>    | <b>91.550</b>  | <b>184.141</b> |
| 2) Wind Generation       | 1.092          | 2.488          | <b>F) Other Exchanges</b>      |                |                |
| 3) PENCH (MS)            | 0.279          | 0.656          | 1) With TPCL                   | -6.335         | -12.046        |
| <b>C) TPCL &amp; REL</b> |                |                | <b>G) Bilateral Power *</b>    |                |                |
| 1) TPCL Thermal          | 21.019         | 42.351         | 1) MSEDCL Bilateral            | 5.113          | 11.525         |
| 2) TPCL Hydro            | 6.596          | 12.973         | Include PX                     | 0.000          | 1.247          |
| <b>TOTAL TPCL</b>        | <b>27.615</b>  | <b>55.324</b>  | 2) MUMBAI Bilateral            | 5.752          | 11.148         |
| 3) REL Thermal           | 12.730         | 25.446         | Include PX                     | 4.112          | 7.489          |
| <b>D) STATE</b>          |                |                | 3) MUMBAI Schedule             | 6.597          | 12.343         |
| 1) Thermal (A1+C1+C3)    | 147.614        | 301.145        | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 2) Hydro (A2+B3+C2)      | 21.857         | 36.673         | 1) MSEDCL                      | 258.970        | 518.890        |
| 3) Gas (A3+B1)           | 43.537         | 87.259         | 2) TPCL                        | 30.628         | 60.825         |
| 4) Wind (B2)             | 1.092          | 2.488          | 3) REL                         | 16.049         | 31.889         |
| <b>TOTAL STATE</b>       | <b>214.100</b> | <b>427.565</b> | <b>TOTAL STATE</b>             | <b>305.647</b> | <b>611.604</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4805                      | 5099                      | 3997                      |
| MSGENCO Hydro                                                              | 1251                      | 1076                      | 124                       |
| MSGENCO Gas                                                                | 525                       | 524                       | 522                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6581</b>               | <b>6699</b>               | <b>4643</b>               |
| Central Sector Receipt                                                     | 3771                      | 4038                      | 3793                      |
| RGPPL                                                                      | 1286                      | 1283                      | 1304                      |
| WIND                                                                       | 42                        | 63                        | 35                        |
| Exchange with TPCL                                                         | -492                      | -442                      | -37                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>11188</b>              | <b>11694</b>              | <b>9738</b>               |
| Load Shedding                                                              | 3638                      | 3786                      | 1974                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14826</b>              | <b>15480</b>              | <b>11712</b>              |
| TPCL GENERATION                                                            | 1375                      | 1375                      | 773                       |
| REL GENERATION                                                             | 528                       | 529                       | 531                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2395</b>               | <b>2346</b>               | <b>1341</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13583</b>              | <b>14040</b>              | <b>11079</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>17221</b>              | <b>17826</b>              | <b>13053</b>              |
| Frequency (Hz)                                                             | 49.68                     | 49.58                     | 49.86                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4930 MW AT 10.00 HRS      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 98.15 MUS                 |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|----------------------|---------------|------------------|
| 50.26 Hz at 21.59 Hrs | 49.1 Hz at 19.13 Hrs | 49.68         | 0 % of Time      |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 02/Feb/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 2.02        | 4.08          | 93       | 81       | 80       |
| Unit 2           | 1.65        | 3.40          | 75       | 60       | 70       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.38          | 0        | 0        | 0        |
| Unit 5           | 2.17        | 5.71          | 153      | 53       | 150      |
| Unit 6           | 3.12        | 7.12          | 171      | 0        | 140      |
| Unit 7           | 4.10        | 8.56          | 189      | 146      | 180      |
|                  | 13.07       | 29.26         |          |          | 620      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.10        | 1.60          | 54       | 38       | 50       |
| Unit 2           | 4.20        | 8.50          | 194      | 154      | 190      |
| Unit 3           | 4.44        | 9.12          | 193      | 176      | 195      |
|                  | 9.73        | 19.22         |          |          | 435      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.55        | 1.10          | 24       | 20       | 23       |
| Unit 2           | 0.48        | 1.03          | 23       | 17       | 23       |
| Unit 3           | 3.88        | 7.73          | 166      | 146      | 165      |
| Unit 4           | 4.33        | 9.08          | 195      | 168      | 190      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 6           | 6.07        | 12.66         | 314      | 229      | 240      |
|                  | 15.32       | 31.59         |          |          | 641      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.56        | 7.07          | 150      | 146      | 150      |
| Unit 2           | 3.97        | 7.91          | 169      | 160      | 160      |
| Unit 3           | 4.33        | 8.51          | 197      | 160      | 210      |
| Unit 4           | 4.52        | 8.77          | 196      | 166      | 210      |
| Unit 5           | 7.92        | 17.86         | 454      | 0        | 200      |
| Unit 6           | 7.38        | 14.94         | 425      | 0        | 300      |
| Unit 7           | 10.17       | 20.79         | 448      | 382      | 450      |
|                  | 41.84       | 85.86         |          |          | 1680     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.10        | 2.20          | 47       | 43       | 46       |
| Unit 3           | 4.55        | 9.50          | 219      | 0        | 220      |
|                  | 5.64        | 11.71         |          |          | 266      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 4.49        | 8.98          | 192      | 180      | 190      |
| Unit 3           | 4.64        | 9.32          | 198      | 181      | 210      |
| Unit 4           | 4.72        | 9.70          | 210      | 180      | 210      |
|                  | 13.85       | 28.01         |          |          | 610      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.83        | 2.92          | 93       | 0        | 95       |
| Unit 2           | 2.16        | 3.96          | 94       | 83       | 95       |
| Unit 3           | 2.14        | 2.14          | 202      | 0        | 0        |
| Unit 4           | 4.70        | 9.40          | 205      | 190      | 205      |
| Unit 5           | 4.56        | 9.27          | 206      | 175      | 200      |
|                  | 14.40       | 27.70         |          |          | 595      |
| Uran             |             |               |          |          |          |
| All Units        | 12.57       | 25.47         | 539      | 520      | 520      |
|                  | 12.57       | 25.47         |          |          | 520      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.94        | 3.49          | 230      | 35       | 600      |
| Stage 4          | 6.84        | 8.98          | 714      | 0        | 250      |
| Kovna 12&4 Total | 8.79        | 12.47         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 1.82         | 2.35          | 160      | 0        | 240         |
|                   | <b>10.61</b> | <b>14.81</b>  |          |          | <b>1090</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 0.00          | 0        | 0        | 0           |
| VTRNA             | 0.29         | 0.29          | 61       | 0        | 0           |
| TILLARI           | 0.37         | 0.69          | 60       | 0        | 60          |
| BHTGR/VEER        | 1.58         | 3.16          | 66       | 66       | 66          |
| BHIRA T.R.        | 0.30         | 0.53          | 81       | 0        | 80          |
| RNGR+BHTSA        | 0.26         | 0.53          | 11       | 11       | 11          |
| BHANDARDRA        | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY            | 0.18         | 0.37          | 8        | 7        | 15          |
| PAITHAN           | 0.06         | 0.11          | 10       | 0        | 9           |
| GHATGHAR          | 1.32         | 2.56          | 125      | 0        | 0           |
|                   | <b>4.37</b>  | <b>8.23</b>   |          |          | <b>241</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.28         | 0.66          | 53       | 0        |             |
|                   | <b>0.28</b>  | <b>0.66</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.08         | 0.17          |          |          |             |
| Vankuswadi        | 0.21         | 0.49          |          |          |             |
| ATIT              | 0.04         | 0.13          |          |          |             |
| Kale              | 0.08         | 0.17          |          |          |             |
| Satara            | 0.08         | 0.17          |          |          |             |
| Shirala           | 0.07         | 0.15          |          |          |             |
| K Mahankal        | 0.02         | 0.03          |          |          |             |
| Supa              | 0.11         | 0.18          |          |          |             |
| Vita              | 0.32         | 0.59          |          |          |             |
| Dondaicha         | 0.00         | 0.16          |          |          |             |
| Sakri             | 0.00         | 0.08          |          |          |             |
| Nandurbar         | 0.01         | 0.03          |          |          |             |
| Khadakale         | 0.02         | 0.07          |          |          |             |
| Khaparale         | 0.07         | 0.08          |          |          |             |
|                   | <b>1.09</b>  | <b>2.49</b>   |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPPPL II         | 30.96        | 61.78         | 1304     | 1275     | 1234        |
| RGPPPL III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>30.96</b> | <b>61.78</b>  |          |          | <b>1234</b> |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 6         | 11.84        | 23.44         | 510      | 400      | 500         |
| Trombay 7A        | 2.22         | 4.88          | 125      | 76       | 120         |
| Trombay 7B        | 1.44         | 2.99          | 69       | 55       | 60          |
| Trombay 8         | 5.52         | 11.03         | 252      | 150      | 250         |
| TATA Hydro        | 6.60         | 12.97         | 481      | 0        | 447         |
|                   | <b>27.62</b> | <b>55.32</b>  |          |          | <b>1377</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.73        | 25.45         | 532      | 528      | 500         |
|                   | <b>12.73</b> | <b>25.45</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3316        |
|                   |              |               |          |          | <b>3316</b> |

|                    |          |               |               |  |              |
|--------------------|----------|---------------|---------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 113.86        | 233.35        |  | 4847         |
|                    | Thml+Gas | 126.44        | 258.82        |  | 5367         |
|                    | Hydro    | 14.98         | 23.04         |  | 1331         |
|                    | Total    | 141.42        | 281.87        |  | 6698         |
| <b>State Total</b> |          | <b>214.10</b> | <b>427.56</b> |  | <b>13125</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 02/Feb/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CS<br>SHARE | CS<br>RECPT | MUMBAI |       | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | MUMBAI<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|-------------|-------------|--------|-------|-------------------------|-----------------|-----------------------------|------------------|--------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |             |             | SCH.   | EXCH. |                         |                 |                             |                  |                          |               |
| 1                  | 4402        | 124   | 522   | 5048   | 1295  | 65   | 2772        | 3874        | -46    | -32   | 10250                   | 2048            | 12298                       | 1493             | 13791                    | 49.80         |
| 2                  | 4220        | 124   | 522   | 4866   | 1300  | 49   | 2772        | 3939        | -46    | -36   | 10118                   | 2130            | 12248                       | 1386             | 13634                    | 49.82         |
| 3                  | 3997        | 124   | 522   | 4643   | 1304  | 35   | 2781        | 3793        | -46    | -37   | 9738                    | 1974            | 11712                       | 1341             | 13053                    | 49.86         |
| 4                  | 4099        | 119   | 522   | 4740   | 1302  | 31   | 2781        | 3535        | -46    | -35   | 9573                    | 2258            | 11831                       | 1310             | 13141                    | 49.84         |
| 5                  | 4246        | 176   | 522   | 4944   | 1297  | 28   | 2781        | 3650        | -46    | -36   | 9886                    | 2431            | 12317                       | 1311             | 13628                    | 49.58         |
| 6                  | 4412        | 485   | 521   | 5418   | 1296  | 19   | 2883        | 3744        | -46    | -39   | 10465                   | 2753            | 13218                       | 1383             | 14601                    | 49.42         |
| 7                  | 4628        | 388   | 535   | 5551   | 1299  | 25   | 3066        | 3193        | 44     | 47    | 10142                   | 3626            | 13768                       | 1556             | 15324                    | 49.60         |
| 8                  | 4759        | 453   | 539   | 5751   | 1298  | 35   | 3066        | 3499        | 44     | 42    | 10678                   | 3832            | 14510                       | 1717             | 16227                    | 49.58         |
| 9                  | 4812        | 407   | 529   | 5748   | 1301  | 29   | 3064        | 3410        | 39     | 35    | 10567                   | 3891            | 14458                       | 1818             | 16276                    | 49.74         |
| 10                 | 4764        | 700   | 522   | 5986   | 1294  | 36   | 3384        | 3960        | -240   | -233  | 11043                   | 3876            | 14919                       | 2139             | 17058                    | 49.63         |
| 11                 | 4765        | 1223  | 524   | 6512   | 1288  | 27   | 3697        | 3800        | -419   | -412  | 11215                   | 3544            | 14759                       | 2316             | 17075                    | 49.63         |
| 12                 | 4805        | 1251  | 525   | 6581   | 1286  | 42   | 3742        | 3771        | -499   | -492  | 11188                   | 3638            | 14826                       | 2395             | 17221                    | 49.68         |
| 13                 | 4863        | 898   | 522   | 6283   | 1287  | 36   | 3762        | 4027        | -567   | -551  | 11082                   | 3601            | 14683                       | 2394             | 17077                    | 49.79         |
| 14                 | 4964        | 824   | 520   | 6308   | 1283  | 39   | 3534        | 4043        | -520   | -502  | 11171                   | 3575            | 14746                       | 2315             | 17061                    | 49.79         |
| 15                 | 4959        | 835   | 521   | 6315   | 1286  | 41   | 3532        | 4091        | -520   | -504  | 11229                   | 3715            | 14944                       | 2318             | 17262                    | 49.86         |
| 16                 | 4907        | 829   | 521   | 6257   | 1279  | 53   | 3546        | 4307        | -544   | -527  | 11369                   | 3527            | 14896                       | 2346             | 17242                    | 49.70         |
| 17                 | 4960        | 935   | 521   | 6416   | 1275  | 74   | 3528        | 3843        | -544   | -524  | 11084                   | 3535            | 14619                       | 2315             | 16934                    | 49.59         |
| 18                 | 5085        | 1187  | 521   | 6793   | 1277  | 88   | 3594        | 4030        | -544   | -527  | 11661                   | 3176            | 14837                       | 2281             | 17118                    | 49.52         |
| 19                 | 5098        | 1283  | 522   | 6903   | 1281  | 53   | 3493        | 3573        | -484   | -436  | 11427                   | 3620            | 15047                       | 2342             | 17389                    | 49.53         |
| 20                 | 5099        | 1076  | 524   | 6699   | 1283  | 63   | 3573        | 4038        | -451   | -442  | 11694                   | 3786            | 15480                       | 2346             | 17826                    | 49.58         |
| 21                 | 5089        | 843   | 522   | 6454   | 1283  | 56   | 3411        | 3942        | -378   | -375  | 11379                   | 3504            | 14883                       | 2277             | 17160                    | 49.56         |
| 22                 | 5092        | 302   | 522   | 5916   | 1293  | 76   | 3232        | 3919        | -193   | -188  | 11016                   | 3533            | 14549                       | 2093             | 16642                    | 49.87         |
| 23                 | 5008        | 205   | 522   | 5735   | 1287  | 46   | 3348        | 3960        | -306   | -302  | 10726                   | 3300            | 14026                       | 1833             | 15859                    | 49.67         |
| 24                 | 4832        | 191   | 531   | 5554   | 1289  | 46   | 3075        | 3609        | -238   | -229  | 10269                   | 1919            | 12188                       | 1655             | 13843                    | 49.68         |
| MUs                | 113.86      | 14.98 | 12.57 | 141.42 | 30.96 | 1.09 | 78.42       | 91.55       | -6.60  | -6.34 | 258.97                  | 76.79           | 335.76                      | 46.68            | 382.44                   | 49.68         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 02/Feb/2010**

Position as on 6.30 Hrs of 03/Feb/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 31/03/2010    |
| Tata Trombay 5          | 500      | 03/01/2010   | 00.57        |            | Continued. | AOH                                     | 05/02/2010    |
| Khaparkheda Unit 1      | 210      | 05/01/2010   | 23.57        |            | Continued. | AOH                                     | 09/02/2010    |
| Koradi Unit 3           | 105      | 09/01/2010   | 00.17        |            | Continued. | COH.                                    | 21/03/2010    |
| Uran Unit 6             | 108      | 20/01/2010   | 01:22        |            | Continued. | Major Overhauling work.                 | 05/03/2010    |
| Koyna Unit 9            | 80       | 20/01/2010   | 11:00        |            | Continued. | AOH.                                    | 19/02/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |            | Continued. | Exhaust temp.& vibn.high                | 31/03/2010    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                   |               |
| Dabhol 1B               | 230      | 30/01/2010   | 01.45        |            | Continued. | Turbine temp.high                       | 06/02/2010    |
| Parli Unit 5            | 210      | 30/01/2010   | 17.34        |            | Continued. | Hydrogen Leakage                        | 03/02/2010    |
| Nasik Unit 3            | 210      | 31/01/2010   | 13.53        | 02/02/2010 | 10.50      | Over Frequency                          |               |
| Koradi Unit 4           | 115      | 01/02/2010   | 04.55        |            | Continued. | Boiler Tube Leakage                     | 03/02/2010    |
| Chandrapur Unit 6       | 500      | 01/02/2010   | 22.51        | 02/02/2010 | 03.27      | Boiler Tripped                          |               |
| Koradi Unit 6           | 210      | 01/02/2010   | 23.50        | 02/02/2010 | 02.48      | Furnace Pressure High                   |               |
| Chandrapur Unit 5       | 500      | 02/02/2010   | 01.28        | 02/02/2010 | 05.36      | Flame Failure                           |               |
| Nasik Unit 1            | 125      | 02/02/2010   | 09.20        |            | Continued. | Boiler Tube Leakage.                    | 03/02/2010    |
| Nasik Unit 3            | 210      | 02/02/2010   | 11.30        | 02/02/2010 | 12.15      | Trip M S Temp.Low                       |               |
| Paras Unit 3            | 250      | 02/02/2010   | 22:12        | 03/02/2010 | 01:02      | Flame Failure                           |               |

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

Position as on 6.30 Hrs of 03/Feb/2010

| Name of Line                                       | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                              |
|----------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------|
| <b>InterState</b>                                  |              |              |                                   |                   |                                               |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                               |
| Padgha-Tarapur CKT - II                            | 02/02/2010   | 11.52        | 02/02/2010                        | 18.41             | Q.M.                                          |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                               |
| Akola - Wardha - I                                 | 12/01/2010   | 12.56        |                                   | Continued.        | H/T. SYSTEM CONSTRAINT.                       |
| Akola - Aurangabad - I                             | 20/01/2010   | 00:45        |                                   | Continued.        | H/T System Constraint.                        |
| Dhule-S'Sarovar I                                  | 30/01/2010   | 16.23        |                                   | Continued.        | Hand Tripped For Over Voltage.                |
| <b>IntraState</b>                                  |              |              |                                   |                   |                                               |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                               |
| Lonikand- Koyna Stage IV                           | 02/02/2010   | 10.40        | 02/02/2010                        | 17.07             | R.M. Work ( Line on TBC )                     |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                               |
| 220/100KV 125 MVA ICT-II at Kalwa                  | 01/05/2009   | 07:45        |                                   | Continued.        | Repair Work                                   |
| Aurangabad - Padegaon - I.                         | 27/01/2010   | 16:35        |                                   | Continued.        | BKR. Replacement work, ckt on TBC. (15 days)  |
| Kalwa - Ghatghar                                   | 29/01/2010   | 09.12        |                                   | Continued.        | Replacement of conductor.                     |
| Nasik - Ghatghar                                   | 30/01/2010   | 08.56        |                                   | Continued.        | Conductor Repalcement.                        |
| Tifil-Trombay                                      | 02/02/2010   | 07.15        | 02/02/2010                        | 17.46             | Conductor Replacement.                        |
| Mahad-Nagothane                                    | 02/02/2010   | 09.03        | 02/02/2010                        | 19.14             | Bay Maintenance Work.                         |
| 220/22KV 50MVA T/F - I at Mahad                    | 02/02/2010   | 09.10        | 02/02/2010                        | 17.20             | Q.M.,CRM Work.                                |
| K'gaon-ONGC                                        | 02/02/2010   | 09.15        | 02/02/2010                        | 17.30             | Line Maintenance Work.                        |
| Mahad - Century Enka                               | 02/02/2010   | 09.17        | 02/02/2010                        | 18.55             | CRM of Breakers & Bay maintenance             |
| Kharepatan-Pawas                                   | 02/02/2010   | 09.20        | 02/02/2010                        | 17.20             | Insulator Cleaning.                           |
| 220/110 KV 62.5 MVA T/F - I @ Oglewadi             | 02/02/2010   | 09.22        | 02/02/2010                        | 11.07             | Q.M.                                          |
| Bus Section - II @ ONGC                            | 02/02/2010   | 10.22        | 02/02/2010                        | 17.28             | Jumpering Work For New TRF.3.                 |
| Vita-Maisal                                        | 02/02/2010   | 11.00        | 02/02/2010                        | 16.17             | Q.M.                                          |
| 220/110KV, 100MVA T/F-I at Miraj                   | 02/02/2010   | 11.15        | 02/02/2010                        | 13.50             | Q.M.Work                                      |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                               |
| Own BKR 400/21 KV, 600 MVA GT - VII at Chandrapur. | 25/01/2010   | 08:12        |                                   | Continued.        | GT VII on TBC, Main BKR, Air leakage problem. |
| Jejuri-Koyna STG-IV                                | 01/02/2010   | 22.50        | 02/02/2010                        | 07.10             | Brekar Oil Top up.                            |
| 400/220 Kv ICT 2 at Nagothane                      | 02/02/2010   | 11.35        | 02/02/2010                        | 16.48             | To Attend Oil Leakage of CB ( ICT on TBC )    |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                               |
| Pophali-KDPH                                       | 02/02/2010   | 08.25        | 02/02/2010                        | 11.50             | For Attending Hot Spot on Y Ph Line Isolator. |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                               |
| Bhusawal- Aurangabad                               | 01/02/2010   | 18.06        |                                   | Continued.        | Over Voltage                                  |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                               |
| Kalwa-Nasik III                                    | 30/01/2010   | 18.59        |                                   | Continued.        | Hand Tripped for Tower Leg Bend @ Loc.No.84.  |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> TRIPPED        |                   |                                               |
| 220/33KV, 25MVA T/F at Gadchandur                  | 26/01/2010   | 09:50        |                                   | Continued.        | Buccholtz Trip.                               |
| Sonkar - Nerul                                     | 02/02/2010   | 11.43        | 02/02/2010                        | 12.00             | Tripped on Distanace Protection.              |

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

Position as on 6.30 Hrs of 03/Feb/2010

| Name of Line                    | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                  |
|---------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------|
| Trombay - Sonkar                | 02/02/2010   | 11.43        | 02/02/2010                 | 12.05              | Tripped on Distanace Protection.  |
| <b>Voltage Level : 132KV</b>    |              |              | <b>Outage Type</b> TRIPPED |                    |                                   |
| 132/33 KV,25 MVA T/F-I at Katol | 23/01/2010   | 10.44        |                            | Continued.         | Differential protection operated. |

# State Load Dispatch Center,Airoli (MSETCL)

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

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 70          |
| Unit 3             | 105                   | 0           |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 60          |
| Unit 6             | 210                   | 160         |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>530</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 195         |
|                    | <b>478</b>            | <b>430</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 23          |
| Unit 2             | 30                    | 23          |
| Unit 3             | 210                   | 165         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 250         |
|                    | <b>940</b>            | <b>661</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>2080</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 200         |
|                    | <b>305</b>            | <b>246</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>580</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 100         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>690</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 530         |
|                    | <b>852</b>            | <b>530</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1090</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 66          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 11          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 15          |
| PAITHAN           | 12                    | 9           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>301</b>  |
| <b>PENCH (MS)</b> |                       |             |
| Pench (MS)        | 53                    |             |
|                   | <b>53</b>             |             |
| <b>Wind</b>       |                       |             |
| MalharPeth        | 0                     |             |
| Vankuswadi        | 0                     |             |
| ATIT              | 0                     |             |
| Kale              | 0                     |             |
| Satara            | 0                     |             |
| Shirala           | 0                     |             |
| K Mahankal        | 0                     |             |
| Supa              | 0                     |             |
| Vita              | 0                     |             |
| Dondaicha         | 0                     |             |
| Sakri             | 0                     |             |
| Nandurbar         | 0                     |             |
| Khadakale         | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPL II           | 960                   | 1234        |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>1234</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 0           |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1377</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3445        |
|                   | <b>3143</b>           | <b>3445</b> |