



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**08/Jan/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 08/Jan/2010 FRIDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 119.380        | 1015.519        | 1) Madhya Pradesh              | 62.961         | 476.937         |
| 2) Hydro                 | 7.447          | 82.356          | 2) Gujrat                      | 17.227         | 133.225         |
| 3) Gas                   | 14.567         | 115.158         | 3) Goa                         | -6.325         | -51.426         |
| <b>Total MSGENCO</b>     | <b>141.394</b> | <b>1213.033</b> | 4) TAPS 1&2 (Inj.)             | 0.000          | 25.589          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.318         | -1.732          |
| 1) RGPPL Gas             | 28.005         | 187.927         | <b># Total Cent. Sector</b>    | <b>73.545</b>  | <b>582.593</b>  |
| 2) Wind Generation       | 1.909          | 22.958          | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.318          | 1.732           | 1) With TPCL                   | -5.358         | -28.241         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 21.250         | 178.503         | 1) MSEDCL Bilateral            | 6.000          | 48.017          |
| 2) TPCL Hydro            | 6.279          | 38.346          | Include PX                     | 0.000          | 0.000           |
| <b>TOTAL TPCL</b>        | <b>27.529</b>  | <b>216.849</b>  | 2) MUMBAI Bilateral            | 5.918          | 33.482          |
| 3) REL Thermal           | 12.731         | 101.590         | Include PX                     | 3.290          | 19.197          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 5.918          | 33.482          |
| 1) Thermal (A1+C1+C3)    | 153.361        | 1295.612        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 14.044         | 122.434         | 1) MSEDCL                      | 239.813        | 1980.002        |
| 3) Gas (A3+B1)           | 42.572         | 303.085         | 2) TPCL                        | 29.855         | 226.471         |
| 4) Wind (B2)             | 1.909          | 22.958          | 3) REL                         | 15.962         | 120.394         |
| <b>TOTAL STATE</b>       | <b>211.886</b> | <b>1744.089</b> | <b>TOTAL STATE</b>             | <b>285.630</b> | <b>2326.867</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                                                            | 5030                      | 5170                      | 4851                      |
| MSGENCO Hydro                                                              | 431                       | 773                       | 89                        |
| MSGENCO Gas                                                                | 617                       | 650                       | 489                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6078</b>               | <b>6593</b>               | <b>5429</b>               |
| Central Sector Receipt                                                     | 3494                      | 3357                      | 2825                      |
| RGPPL                                                                      | 1221                      | 1205                      | 1010                      |
| WIND                                                                       | 100                       | 60                        | 96                        |
| Exchange with TPCL                                                         | -427                      | -422                      | -32                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10466</b>              | <b>10846</b>              | <b>9328</b>               |
| Load Shedding                                                              | 3825                      | 4175                      | 1824                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>14291</b>              | <b>15021</b>              | <b>11152</b>              |
| TPCL GENERATION                                                            | 1426                      | 1409                      | 745                       |
| REL GENERATION                                                             | 531                       | 527                       | 531                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2384</b>               | <b>2358</b>               | <b>1308</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12850</b>              | <b>13204</b>              | <b>10636</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16675</b>              | <b>17379</b>              | <b>12460</b>              |
| Frequency (Hz)                                                             | 49.45                     | 49.38                     | 50.00                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4548 MW At 14.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 84.03 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|----------------------|---------------|------------------|
| 50.34 Hz at 05.06 Hrs | 48.8 Hz at 16.42 Hrs | 49.62         | 2.35 % 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 08/Jan/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.93        | 14.95         | 84       | 75       | 80       |
| Unit 2           | 1.41        | 13.04         | 78       | 39       | 50       |
| Unit 3           | 1.43        | 10.29         | 69       | 24       | 60       |
| Unit 4           | 1.72        | 12.23         | 80       | 31       | 75       |
| Unit 5           | 3.50        | 30.10         | 167      | 120      | 140      |
| Unit 6           | 0.00        | 24.73         | 0        | 0        | 0        |
| Unit 7           | 3.78        | 31.45         | 182      | 117      | 150      |
|                  | 13.76       | 136.78        |          |          | 555      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.16        | 4.82          | 54       | 37       | 50       |
| Unit 2           | 4.24        | 19.41         | 185      | 157      | 180      |
| Unit 3           | 4.28        | 34.91         | 185      | 170      | 185      |
|                  | 9.68        | 59.14         |          |          | 415      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.56        | 4.48          | 25       | 20       | 23       |
| Unit 2           | 0.57        | 4.40          | 25       | 21       | 23       |
| Unit 3           | 0.00        | 25.68         | 0        | 0        | 0        |
| Unit 4           | 4.76        | 36.97         | 212      | 178      | 205      |
| Unit 5           | 4.16        | 30.74         | 195      | 158      | 175      |
| Unit 6           | 5.62        | 44.12         | 246      | 210      | 240      |
|                  | 15.67       | 146.39        |          |          | 666      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.08        | 26.40         | 146      | 115      | 135      |
| Unit 2           | 3.94        | 30.16         | 170      | 159      | 160      |
| Unit 3           | 4.06        | 29.76         | 188      | 135      | 170      |
| Unit 4           | 0.00        | 25.65         | 0        | 0        | 0        |
| Unit 5           | 10.50       | 82.12         | 464      | 400      | 450      |
| Unit 6           | 9.87        | 78.94         | 445      | 370      | 450      |
| Unit 7           | 10.15       | 80.09         | 445      | 383      | 450      |
|                  | 41.60       | 353.10        |          |          | 1815     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.09        | 7.30          | 48       | 42       | 46       |
| Unit 3           | 5.36        | 41.87         | 236      | 207      | 225      |
|                  | 6.45        | 49.17         |          |          | 271      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 0.00        | 22.60         | 0        | 0        | 0        |
| Unit 2           | 4.48        | 36.19         | 198      | 176      | 190      |
| Unit 3           | 4.94        | 38.64         | 213      | 195      | 210      |
| Unit 4           | 4.65        | 37.13         | 214      | 184      | 210      |
|                  | 14.07       | 134.56        |          |          | 610      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.23        | 16.23         | 100      | 85       | 95       |
| Unit 2           | 2.23        | 17.57         | 100      | 82       | 95       |
| Unit 3           | 4.94        | 39.03         | 210      | 200      | 205      |
| Unit 4           | 4.72        | 38.34         | 210      | 184      | 205      |
| Unit 5           | 4.01        | 25.20         | 192      | 80       | 180      |
|                  | 18.14       | 136.38        |          |          | 780      |
| Uran             |             |               |          |          |          |
| All Units        | 14.57       | 115.16        | 662      | 488      | 600      |
|                  | 14.57       | 115.16        |          |          | 600      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.16        | 15.97         | 255      | 25       | 530      |
| Stage 4          | 1.54        | 28.78         | 410      | 0        | 250      |
| Koyna 12&4 Total | 3.70        | 44.75         |          |          | 780      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 0.96         | 9.58          | 216      | 0        | 240         |
|                   | <b>4.67</b>  | <b>54.33</b>  |          |          | <b>1020</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 2.06          | 0        | 0        | 0           |
| VTRNA             | 0.00         | 0.00          | 0        | 0        | 0           |
| TILLARI           | 0.38         | 2.91          | 59       | 0        | 60          |
| BHTGR/VEER        | 1.01         | 7.66          | 42       | 42       | 35          |
| BHIRA T.R.        | 0.39         | 1.69          | 84       | 0        | 80          |
| RNGR+BHTSA        | 0.29         | 2.50          | 12       | 12       | 15          |
| BHANDARDRA        | 0.00         | 5.19          | 0        | 0        | 50          |
| ELDARY            | 0.00         | 0.71          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.40          | 10       | 0        | 10          |
| GHATGHAR          | 0.66         | 4.92          | 125      | 0        | 0           |
|                   | <b>2.78</b>  | <b>28.03</b>  |          |          | <b>250</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.32         | 1.73          | 53       | 0        |             |
|                   | <b>0.32</b>  | <b>1.73</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.12         | 0.85          |          |          |             |
| Vankuswadi        | 0.22         | 2.16          |          |          |             |
| ATIT              | 0.06         | 0.41          |          |          |             |
| Kale              | 0.09         | 0.72          |          |          |             |
| Satara            | 0.07         | 0.78          |          |          |             |
| Shirala           | 0.09         | 0.75          |          |          |             |
| K Mahankal        | 0.01         | 0.58          |          |          |             |
| Supa              | 0.06         | 0.57          |          |          |             |
| Vita              | 0.38         | 4.11          |          |          |             |
| Dondaicha         | 0.36         | 6.92          |          |          |             |
| Sakri             | 0.05         | 0.80          |          |          |             |
| Nandurbar         | 0.04         | 0.75          |          |          |             |
| Khadakale         | 0.18         | 2.06          |          |          |             |
| Khaparale         | 0.18         | 1.48          |          |          |             |
|                   | <b>1.91</b>  | <b>22.96</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 28.00        | 187.93        | 1240     | 990      | 930         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>28.00</b> | <b>187.93</b> |          |          | <b>930</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 0.00         | 19.68         | 0        | 0        | 0           |
| Trombay 6         | 11.23        | 81.44         | 510      | 370      | 500         |
| Trombay 7A        | 2.89         | 21.50         | 126      | 106      | 120         |
| Trombay 7B        | 1.62         | 12.38         | 69       | 62       | 60          |
| Trombay 8         | 5.51         | 43.50         | 250      | 150      | 250         |
| TATA Hydro        | 6.28         | 38.35         | 481      | 0        | 447         |
|                   | <b>27.53</b> | <b>216.85</b> |          |          | <b>1377</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.73        | 101.59        | 532      | 527      | 500         |
|                   | <b>12.73</b> | <b>101.59</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 3200        |
|                   |              |               |          |          | <b>3200</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 119.38        | 1015.52        |  | 5112         |
|                    | Thml+Gas | 133.95        | 1130.68        |  | 5712         |
|                    | Hydro    | 7.45          | 82.36          |  | 1270         |
|                    | Total    | 141.39        | 1213.03        |  | 6982         |
| <b>State Total</b> |          | <b>211.89</b> | <b>1744.09</b> |  | <b>12989</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 08/Jan/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CS<br>SHARE | CS<br>RECPT | MUMBAI |       | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | MUMBAI<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|-------------|-------------|--------|-------|-------------------------|-----------------|-----------------------------|------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |             |             | SCH.   | EXCH. |                         |                 |                             |                  |                          |               |
| 1                  | 4934        | 89   | 524   | 5547   | 990   | 60   | 2719        | 3082        | -48    | -37   | 9642                    | 1985            | 11627                       | 1427             | 13054                    | 49.91         |
| 2                  | 4902        | 89   | 488   | 5479   | 1005  | 89   | 2598        | 2983        | -48    | -35   | 9521                    | 2012            | 11533                       | 1322             | 12855                    | 50.07         |
| 3                  | 4851        | 89   | 489   | 5429   | 1010  | 96   | 2598        | 2825        | -48    | -32   | 9328                    | 1824            | 11152                       | 1308             | 12460                    | 50.00         |
| 4                  | 4870        | 89   | 518   | 5477   | 1100  | 98   | 2599        | 2855        | -48    | -30   | 9500                    | 2176            | 11676                       | 1276             | 12952                    | 50.11         |
| 5                  | 4893        | 89   | 534   | 5516   | 1190  | 108  | 2607        | 2977        | -48    | -33   | 9758                    | 2295            | 12053                       | 1279             | 13332                    | 49.95         |
| 6                  | 4862        | 100  | 562   | 5524   | 1160  | 112  | 2745        | 3424        | -48    | -38   | 10199                   | 2562            | 12761                       | 1354             | 14115                    | 49.89         |
| 7                  | 4861        | 89   | 602   | 5552   | 1150  | 126  | 2922        | 2862        | 42     | 44    | 9787                    | 3816            | 13603                       | 1530             | 15133                    | 49.90         |
| 8                  | 4948        | 89   | 650   | 5687   | 1170  | 115  | 2923        | 3245        | 42     | 39    | 10282                   | 4014            | 14296                       | 1695             | 15991                    | 49.74         |
| 9                  | 4960        | 91   | 652   | 5703   | 1210  | 135  | 2918        | 3071        | 42     | 38    | 10160                   | 3970            | 14130                       | 1853             | 15983                    | 49.77         |
| 10                 | 4948        | 221  | 638   | 5807   | 1220  | 70   | 3169        | 3356        | -206   | -11   | 10442                   | 3948            | 14390                       | 1926             | 16316                    | 49.55         |
| 11                 | 4995        | 494  | 630   | 6119   | 1219  | 102  | 3312        | 3340        | -354   | -363  | 10417                   | 3684            | 14101                       | 2321             | 16422                    | 49.43         |
| 12                 | 5030        | 431  | 617   | 6078   | 1221  | 100  | 3549        | 3494        | -407   | -427  | 10466                   | 3825            | 14291                       | 2384             | 16675                    | 49.45         |
| 13                 | 5071        | 352  | 620   | 6043   | 1134  | 75   | 3520        | 3433        | -431   | -419  | 10266                   | 3838            | 14104                       | 2362             | 16466                    | 49.33         |
| 14                 | 4944        | 522  | 615   | 6081   | 1165  | 59   | 3488        | 3559        | -431   | -416  | 10448                   | 3888            | 14336                       | 2243             | 16579                    | 49.40         |
| 15                 | 4893        | 359  | 618   | 5870   | 1190  | 59   | 3462        | 3517        | -431   | -430  | 10206                   | 3858            | 14064                       | 2251             | 16315                    | 49.39         |
| 16                 | 4870        | 403  | 626   | 5899   | 1195  | 53   | 3455        | 3476        | -431   | -417  | 10206                   | 3781            | 13987                       | 2256             | 16243                    | 49.34         |
| 17                 | 4923        | 590  | 623   | 6136   | 1185  | 47   | 3456        | 3269        | -431   | -418  | 10219                   | 3734            | 13953                       | 2259             | 16212                    | 49.16         |
| 18                 | 5067        | 617  | 638   | 6322   | 1190  | 52   | 3483        | 3500        | -431   | -423  | 10668                   | 3329            | 13997                       | 2248             | 16245                    | 49.30         |
| 19                 | 5104        | 983  | 645   | 6732   | 1205  | 50   | 3260        | 3263        | -430   | -420  | 10867                   | 3863            | 14730                       | 2378             | 17108                    | 49.38         |
| 20                 | 5170        | 773  | 650   | 6593   | 1205  | 60   | 3390        | 3357        | -430   | -422  | 10846                   | 4175            | 15021                       | 2358             | 17379                    | 49.38         |
| 21                 | 5117        | 530  | 651   | 6298   | 1210  | 64   | 3367        | 3292        | -336   | -280  | 10631                   | 3923            | 14554                       | 2181             | 16735                    | 49.28         |
| 22                 | 5116        | 185  | 657   | 5958   | 1211  | 59   | 3141        | 3162        | -336   | -272  | 10145                   | 3954            | 14099                       | 1974             | 16073                    | 49.57         |
| 23                 | 5060        | 94   | 658   | 5812   | 1240  | 63   | 3134        | 2965        | -336   | -281  | 9825                    | 3240            | 13065                       | 1767             | 14832                    | 49.75         |
| 24                 | 4991        | 79   | 662   | 5732   | 1230  | 57   | 3092        | 2900        | -336   | -275  | 9646                    | 1862            | 11508                       | 1666             | 13174                    | 49.80         |
| MUs                | 119.38      | 7.45 | 14.57 | 141.39 | 28.00 | 1.91 | 74.91       | 77.21       | -5.92  | -5.36 | 243.48                  | 79.56           | 323.03                      | 45.62            | 368.65                   | 49.62         |

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 08/Jan/2010**

Position as on 6.30 Hrs of 09/Jan/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date | Sync. Time | Reason of Outage                               | Expected Date |
|-------------------------|----------|--------------|--------------|-----------|------------|------------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |           |            |                                                |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |           | Continued. | COH(En-Mass Coolant Clanel Replacement)        | 31/03/2010    |
| Tata Trombay 5          | 500      | 03/01/2010   | 00.57        |           | Continued. | AOH                                            | 01/02/2010    |
| Cent_Sect TARAPUR-4     | 540      | 03/01/2010   | 08.26        |           | Continued. | Maintenance Work.                              | 10/01/2010    |
| Koyna Unit 2            | 75       | 03/01/2010   | 08:00        |           | Continued. | checking bearing vibration & realignment work. | 19/01/2010    |
| Khaparkheda Unit 1      | 210      | 05/01/2010   | 23.57        |           | Continued. | AOH                                            | 09/02/2010    |
| Koradi Unit 3           | 105      | 09/01/2010   | 00.17        |           | Continued. | COH.                                           | 21/03/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |           |            |                                                |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |           | Continued. | Gas Restriction                                |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |           | Continued. | Exhaust temp.& vibn.high                       | 31/03/2010    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |           | Continued. | BHMS Installation work                         | 12/01/2010    |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |           | Continued. | Gas Restriction                                |               |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |           | Continued. | Stator Earth Fault                             |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |           | Continued. | Low Demand.                                    |               |
| Cent_Sect Tarapur 1     | 80       | 09/12/2009   | 09:22        |           | Continued. | Condenser Tube Leakage.                        | 02/02/2010    |
| Chandrapur Unit 4       | 210      | 07/01/2010   | 06:04        |           | Continued. | Boiler Tube Leakage.                           | 10/01/2010    |
| Koradi Unit 6           | 210      | 07/01/2010   | 22.45        |           | Continued. | PA fan problem.                                | 09/01/2010    |
| Parli Unit 3            | 210      | 07/01/2010   | 23.37        |           | Continued. | Drum safty valve testing.                      | 10/01/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 08/Jan/2010**

Position as on 6.30 Hrs of 09/Jan/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 HAND TRIPPED</b>   |                   |                                                                                         |
| Akola - Wardha - II                     | 16/12/2009   | 13:00        |                                   | Continued.        | H/T.                                                                                    |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                         |
| Dhule-Sar'Sarovar - I                   | 17/12/2009   | 17.08        |                                   | Continued.        | Tower 3 and 4 Collapsed.                                                                |
| Dhule-Sar'Sarovar - II                  | 17/12/2009   | 22:33        |                                   | Continued.        | Tower 3 and 4 Collapsed.                                                                |
| <b>IntraState</b>                       |              |              |                                   |                   |                                                                                         |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                         |
| 400/220 KV 315 MVA ICT - II @ Koradi.   | 04/01/2010   | 10.38        |                                   | Continued.        | 400KV Main Breaker Overhaul. H.V.side of ICT on TBC                                     |
| 400 KV Main Bus-II at Jejuri.           | 07/01/2010   | 10.59        | 08/01/2010                        | 18.00             | O/H of Isolator.                                                                        |
| Akola-Bhusawal                          | 08/01/2010   | 07.17        | 08/01/2010                        | 12.35             | Reloading of Relay Configuration and Testing of REL-521 for SMS Work.                   |
| Chandrapur-B' vati II                   | 08/01/2010   | 07.20        | 08/01/2010                        | 20.57             | PGCIL Work,Relay Testing.                                                               |
| 400/220KV ICT-II at New Koyna           | 08/01/2010   | 10.09        | 08/01/2010                        | 18.52             | Replacement of PRV.                                                                     |
| 400/220 KV ICT-I at Parli               | 08/01/2010   | 11.24        | 08/01/2010                        | 17.27             | Hot Line Replacement of Bus-I PGI Fixed Contact(HV Side) HV Side of ICT will be on TBC. |
| Koradi - Bhusawal                       | 08/01/2010   | 14.02        | 08/01/2010                        | 18.09             | Reloading of Relay Configuration.                                                       |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                         |
| 220/100KV 125 MVA ICT-II at Kalwa       | 01/05/2009   | 07:45        |                                   | Continued.        | Repair Work                                                                             |
| 220/132KV 100MVA ICT-II at Parli-II     | 26/12/2009   | 09.10        |                                   | Continued.        | Replacement of H.V./L.V.Breaker                                                         |
| Kalmeshwar-Kaparkheda                   | 07/01/2010   | 20.04        | 08/01/2010                        | 15:41             | Ckt on TBC,Main breaker problem.                                                        |
| Nasik-Padgha                            | 08/01/2010   | 07.53        | 08/01/2010                        | 20.50             | Conductor Replacement Work.                                                             |
| Talangade - Mumewadi                    | 08/01/2010   | 09.03        | 08/01/2010                        | 12.18             | Maintenance Work.                                                                       |
| Apta-Nagothane                          | 08/01/2010   | 09.12        | 08/01/2010                        | 17.26             | Maintenance Work.                                                                       |
| Padgha-Wada                             | 08/01/2010   | 10.01        | 08/01/2010                        | 18.19             | Maintenance Work.                                                                       |
| 220/132,200MVA ICT at Bhoisor           | 08/01/2010   | 10.05        | 08/01/2010                        | 18.00             | Q.M. Work.                                                                              |
| Aurangabad-Padegaon CKT-II              | 08/01/2010   | 11.39        | 08/01/2010                        | 16.37             | Quarterly Maintenance Work.                                                             |
| Loniland-Kathapur                       | 08/01/2010   | 11.59        | 08/01/2010                        | 14.15             | Relay Replacement Work.                                                                 |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                         |
| 400/220 KV,315 MVA ICT-II at Chandrapur | 08/01/2010   | 09.04        | 08/01/2010                        | 13.39             | To Attended Hot Spot @ LV End.                                                          |
| 400/220 KV 300 MVA ICT-I @ Koradi       | 08/01/2010   | 11.08        | 08/01/2010                        | 11.59             | To Attended Oil Leakage B Ph Buchholz.                                                  |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                                         |
| Murud-Bale                              | 08/01/2010   | 11.30        | 08/01/2010                        | 20.40             | Quarterly Maintenance Work.                                                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                         |
| Bhusawal- Aurangabad                    | 07/01/2010   | 18.04        |                                   | Continued.        | Hand Tripped To Control Over Voltage.                                                   |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                         |
| Aurangabad - Bhenda                     | 12/12/2009   | 09.39        |                                   | Continued.        | H/T at A'Bad to control ICT loading                                                     |
| Wardha-Badnera                          | 07/01/2010   | 17.37        |                                   | Continued.        | H/T due to Chandrapur ICT outage to control ICT loading.                                |
| <b>Voltage Level : 500KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                         |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 08/Jan/2010**

Position as on 6.30 Hrs of 09/Jan/2010

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                                |
|------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------------------------------------|
| Chandrapur-Padaghe Pole - II | 08/01/2010   | 19.08        | 08/01/2010                 | 22.17              | R Ph Pole-II Convertor Transformer Tapcharger-II High Oil Flow. |
| <b>Voltage Level : 400KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                                                                 |
| Akola-Bhusawal               | 08/01/2010   | 12.47        | 08/01/2010                 | 12.54              | Reactor VT Fuse Failure.                                        |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                                                                 |
| Nasik - Navsari - II         | 08/01/2010   | 17.37        |                            | Continued.         | Distanance Protection.                                          |
| Babaleshwar - Nagar - II     | 09/01/2010   | 05.15        | 09/01/2010                 | 05.40              | Distanace Protection.                                           |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 09/Jan/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                   | 70          |
| Unit 5             | 200                   | 160         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 170         |
|                    | <b>1040</b>           | <b>550</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 50          |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 190         |
|                    | <b>478</b>            | <b>410</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 23          |
| Unit 2             | 30                    | 23          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 175         |
| Unit 6             | 250                   | 240         |
|                    | <b>940</b>            | <b>661</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 450         |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1845</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 225         |
|                    | <b>305</b>            | <b>271</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 210         |
|                    | <b>840</b>            | <b>610</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 100         |
| Unit 2             | 120                   | 100         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 190         |
|                    | <b>870</b>            | <b>790</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 240         |
|                    | <b>1920</b>           | <b>1020</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 42          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>204</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                   | 1230        |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>1230</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                  | 3303        |
|                   | <b>3143</b>           | <b>3303</b> |