



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**02/May/2009**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 02/May/2009 SATURDAY**

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                |
|--------------------------|----------------|----------------|--------------------------------|----------------|----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly        |
| 1) Thermal               | 118.788        | 238.742        | 1) Madhya Pradesh              | 55.492         | 104.045        |
| 2) Hydro                 | 15.840         | 27.732         | 2) Gujrat                      | 19.582         | 37.517         |
| 3) Gas                   | 15.583         | 30.322         | 3) Goa                         | -6.116         | -11.958        |
| <b>Total MSGENCO</b>     | <b>150.211</b> | <b>296.796</b> | 4) TAPS 1&2 (Inj.)             | 3.273          | 6.561          |
| <b>B) OTHERS</b>         |                |                | 5) Pench (Excess)              | -0.237         | -0.642         |
| 1) RGPPL Gas             | 11.240         | 19.216         | <b># Total Cent. Sector</b>    | <b>71.994</b>  | <b>135.523</b> |
| 2) Wind Generation       | 12.273         | 24.483         | <b>F) Other Exchanges</b>      |                |                |
| 3) PENCH (MS)            | 0.237          | 0.642          | 1) With TPCL                   | -0.408         | 0.481          |
| <b>C) TPCL &amp; REL</b> |                |                | <b>G) Bilateral Power *</b>    |                |                |
| 1) TPCL Thermal          | 33.747         | 65.500         | 1) MSEDCL Bilateral            | 8.090          | 16.113         |
| 2) TPCL Hydro            | 3.808          | 5.123          | Include PX                     | 0.561          | 1.024          |
| <b>TOTAL TPCL</b>        | <b>37.555</b>  | <b>70.623</b>  | 2) MUMBAI Bilateral            | 1.425          | 1.530          |
| 3) REL Thermal           | 12.628         | 25.287         | Include PX                     | -2.529         | -4.905         |
| <b>D) STATE</b>          |                |                | 3) MUMBAI Schedule             | 1.425          | 1.530          |
| 1) Thermal (A1+C1+C3)    | 165.163        | 329.529        | <b>H) ENERGY CATERED (MUs)</b> |                |                |
| 2) Hydro (A2+B3+C2)      | 19.885         | 33.497         | 1) MSEDCL                      | 245.547        | 477.783        |
| 3) Gas (A3+B1)           | 26.823         | 49.538         | 2) TPCL                        | 33.803         | 63.488         |
| 4) Wind (B2)             | 12.273         | 24.483         | 3) REL                         | 16.788         | 31.940         |
| <b>TOTAL STATE</b>       | <b>224.144</b> | <b>437.047</b> | <b>TOTAL STATE</b>             | <b>296.138</b> | <b>573.211</b> |

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

| PARTICULARS                                                                | A. Morning Peak at 11 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 2 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4946                      | 5143                      | 4867                      |
| MSGENCO Hydro                                                              | 730                       | 1247                      | 407                       |
| MSGENCO Gas                                                                | 648                       | 647                       | 653                       |
| <b>MSGENCO Total Generation</b>                                            | <b>6324</b>               | <b>7037</b>               | <b>5927</b>               |
| Central Sector Receipt                                                     | 3189                      | 3478                      | 2542                      |
| RGPPL                                                                      | 337                       | 627                       | 334                       |
| WIND                                                                       | 516                       | 446                       | 487                       |
| Exchange with TPCL                                                         | -214                      | -107                      | 101                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10152</b>              | <b>11504</b>              | <b>9401</b>               |
| Load Shedding                                                              | 3333                      | 3053                      | 1663                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>13485</b>              | <b>14557</b>              | <b>11064</b>              |
| TPCL GENERATION                                                            | 1681                      | 1715                      | 1343                      |
| REL GENERATION                                                             | 527                       | 525                       | 527                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2422</b>               | <b>2347</b>               | <b>1769</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12574</b>              | <b>13851</b>              | <b>11170</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>15907</b>              | <b>16904</b>              | <b>12833</b>              |
| Frequency (Hz)                                                             | 49.31                     | 49.43                     | 49.56                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 4208 MW at 21.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 72.09 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|----------------------|---------------|------------------|
| 50.54 Hz at 06.05 Hrs | 48.8 Hz at 15.10 Hrs | 49.51         | 1.03 % of Time   |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 02/May/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.50        | 2.23          | 64       | 0        | 40       |
| Unit 3           | 0.83        | 2.46          | 73       | 0        | 40       |
| Unit 4           | 0.59        | 2.21          | 68       | 0        | 40       |
| Unit 5           | 3.51        | 6.48          | 165      | 109      | 130      |
| Unit 6           | 3.39        | 6.26          | 163      | 121      | 150      |
| Unit 7           | 3.58        | 6.66          | 178      | 122      | 150      |
|                  | 12.42       | 26.31         |          |          | 550      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.63        | 1.23          | 29       | 22       | 25       |
| Unit 2           | 4.10        | 8.07          | 175      | 167      | 175      |
| Unit 3           | 4.12        | 8.34          | 175      | 170      | 175      |
|                  | 8.85        | 17.65         |          |          | 375      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.54        | 1.06          | 24       | 21       | 20       |
| Unit 2           | 0.58        | 1.13          | 26       | 23       | 20       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.75        | 7.50          | 164      | 149      | 150      |
| Unit 5           | 3.72        | 7.68          | 161      | 148      | 150      |
| Unit 6           | 5.48        | 10.88         | 241      | 214      | 220      |
|                  | 14.07       | 28.26         |          |          | 560      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 4.13        | 8.31          | 175      | 166      | 170      |
| Unit 2           | 4.07        | 8.00          | 174      | 166      | 170      |
| Unit 3           | 5.06        | 10.09         | 212      | 207      | 210      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 10.29       | 19.93         | 477      | 390      | 425      |
| Unit 6           | 9.67        | 19.47         | 440      | 380      | 425      |
| Unit 7           | 10.21       | 20.77         | 455      | 386      | 425      |
|                  | 43.42       | 86.58         |          |          | 1825     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 5.53        | 11.09         | 245      | 203      | 220      |
|                  | 5.53        | 11.09         |          |          | 220      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.50        | 8.81          | 203      | 170      | 175      |
| Unit 2           | 4.43        | 8.70          | 196      | 162      | 175      |
| Unit 3           | 4.61        | 8.95          | 212      | 177      | 175      |
| Unit 4           | 4.56        | 8.96          | 207      | 175      | 175      |
|                  | 18.10       | 35.42         |          |          | 700      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.24        | 4.44          | 98       | 90       | 90       |
| Unit 2           | 1.48        | 3.49          | 84       | 0        | 90       |
| Unit 3           | 4.29        | 8.57          | 206      | 173      | 170      |
| Unit 4           | 4.21        | 8.55          | 182      | 167      | 180      |
| Unit 5           | 4.18        | 8.39          | 182      | 166      | 180      |
|                  | 16.39       | 33.44         |          |          | 710      |
| Uran             |             |               |          |          |          |
| All Units        | 15.58       | 30.32         | 658      | 634      | 620      |
|                  | 15.58       | 30.32         |          |          | 620      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.68        | 4.98          | 300      | 40       | 600      |
| Stage 4          | 7.11        | 10.86         | 782      | 0        | 250      |
| Kovna 12&4 Total | 9.78        | 15.84         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 2.42         | 3.53          | 240      | 0        | 320         |
|                   | <b>12.20</b> | <b>19.37</b>  |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.75         | 1.65          | 38       | 0        | 36          |
| VTRNA             | 1.28         | 2.52          | 61       | 0        | 60          |
| TILLARI           | 0.39         | 0.71          | 60       | 0        | 60          |
| BHTGR/VEER        | 0.70         | 2.08          | 30       | 29       | 45          |
| BHIRA T.R.        | 0.14         | 0.35          | 70       | 0        | 80          |
| RNGR+BHTSA        | 0.31         | 0.62          | 14       | 13       | 15          |
| BHANDARDRA        | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.06         | 0.06          | 11       | 0        | 0           |
| GHATGHAR          | 0.00         | 0.38          | 0        | 0        | 0           |
|                   | <b>3.64</b>  | <b>8.36</b>   |          |          | <b>296</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.24         | 0.64          | 24       | 0        | 0           |
|                   | <b>0.24</b>  | <b>0.64</b>   |          |          | <b>0</b>    |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.36         | 0.72          |          |          |             |
| Vankuswadi        | 0.72         | 1.41          |          |          |             |
| ATIT              | 0.19         | 0.31          |          |          |             |
| Kale              | 0.30         | 0.65          |          |          |             |
| Satara            | 0.83         | 1.50          |          |          |             |
| Shirala           | 0.32         | 0.64          |          |          |             |
| K Mahankal        | 0.04         | 0.09          |          |          |             |
| Supa              | 0.41         | 0.70          |          |          |             |
| Vita              | 1.12         | 2.33          |          |          |             |
| Dondaicha         | 4.81         | 9.87          |          |          |             |
| Sakri             | 0.79         | 1.64          |          |          |             |
| Nandurbar         | 0.63         | 1.34          |          |          |             |
| Khadakale         | 1.12         | 2.04          |          |          |             |
| Khaparale         | 0.62         | 1.24          |          |          |             |
|                   | <b>12.27</b> | <b>24.48</b>  |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 11.24        | 19.22         | 629      | 333      | 600         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        | 0           |
|                   | <b>11.24</b> | <b>19.22</b>  |          |          | <b>600</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.00          | 0        | 0        | 0           |
| Trombay 5         | 12.12        | 24.24         | 505      | 500      | 500         |
| Trombay 6         | 11.75        | 21.36         | 510      | 410      | 500         |
| Trombay 7A        | 2.47         | 5.02          | 104      | 100      | 120         |
| Trombay 7B        | 1.42         | 2.86          | 60       | 59       | 60          |
| Trombay 8         | 5.99         | 12.01         | 253      | 234      | 250         |
| TATA Hydro        | 3.81         | 5.12          | 316      | 0        | 297         |
|                   | <b>37.56</b> | <b>70.62</b>  |          |          | <b>1727</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.63        | 25.29         | 529      | 522      | 500         |
|                   | <b>12.63</b> | <b>25.29</b>  |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2627        |
|                   |              |               |          |          | <b>2627</b> |

|                    |          |               |               |  |              |
|--------------------|----------|---------------|---------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 118.79        | 238.74        |  | 4940         |
|                    | Thml+Gas | 134.37        | 269.06        |  | 5560         |
|                    | Hydro    | 15.84         | 27.73         |  | 1466         |
|                    | Total    | 150.21        | 296.80        |  | 7026         |
| <b>State Total</b> |          | <b>224.14</b> | <b>437.05</b> |  | <b>12480</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 02/May/2009

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND  | 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                  | 4840        | 594   | 649   | 6083   | 333   | 461   | 2796        | 2590        | -15          | 28                   | 9518                    | 1655            | 11173                       | 1946                    | 13119                    | 49.28         |
| 2                  | 4867        | 407   | 653   | 5927   | 334   | 487   | 2682        | 2542        | 59           | 101                  | 9401                    | 1663            | 11064                       | 1769                    | 12833                    | 49.56         |
| 3                  | 4845        | 549   | 656   | 6050   | 334   | 545   | 2547        | 2562        | 181          | 225                  | 9726                    | 1568            | 11294                       | 1633                    | 12927                    | 49.63         |
| 4                  | 4762        | 874   | 656   | 6292   | 336   | 592   | 2469        | 2421        | 260          | 301                  | 9952                    | 1611            | 11563                       | 1562                    | 13125                    | 49.60         |
| 5                  | 4802        | 779   | 655   | 6236   | 336   | 573   | 2428        | 2313        | 302          | 347                  | 9828                    | 2066            | 11894                       | 1517                    | 13411                    | 49.35         |
| 6                  | 4913        | 979   | 657   | 6549   | 337   | 596   | 2493        | 2273        | 276          | 315                  | 10093                   | 2317            | 12410                       | 1562                    | 13972                    | 49.52         |
| 7                  | 4996        | 229   | 658   | 5883   | 338   | 552   | 2510        | 2346        | 281          | 323                  | 9442                    | 3436            | 12878                       | 1612                    | 14490                    | 50.03         |
| 8                  | 5002        | 191   | 657   | 5850   | 348   | 499   | 2529        | 3028        | 260          | 302                  | 10027                   | 3375            | 13402                       | 1670                    | 15072                    | 49.91         |
| 9                  | 4956        | 259   | 653   | 5868   | 344   | 474   | 2893        | 3017        | 92           | 131                  | 9834                    | 3355            | 13189                       | 1884                    | 15073                    | 49.58         |
| 10                 | 4954        | 271   | 649   | 5874   | 340   | 445   | 3098        | 3047        | -171         | -134                 | 9572                    | 3604            | 13176                       | 2170                    | 15346                    | 49.51         |
| 11                 | 4946        | 730   | 648   | 6324   | 337   | 516   | 3070        | 3189        | -251         | -214                 | 10152                   | 3333            | 13485                       | 2422                    | 15907                    | 49.31         |
| 12                 | 4895        | 1188  | 649   | 6732   | 344   | 454   | 3092        | 3167        | -277         | -240                 | 10457                   | 3256            | 13713                       | 2508                    | 16221                    | 49.32         |
| 13                 | 4953        | 1118  | 649   | 6720   | 370   | 516   | 3089        | 3311        | -277         | -237                 | 10680                   | 3302            | 13982                       | 2506                    | 16488                    | 49.47         |
| 14                 | 4873        | 703   | 647   | 6223   | 567   | 543   | 3110        | 3131        | -251         | -216                 | 10248                   | 3392            | 13640                       | 2485                    | 16125                    | 49.35         |
| 15                 | 4891        | 416   | 643   | 5950   | 618   | 647   | 3181        | 3276        | -295         | -258                 | 10233                   | 3320            | 13553                       | 2515                    | 16068                    | 49.24         |
| 16                 | 4933        | 350   | 634   | 5917   | 617   | 580   | 3180        | 3122        | -295         | -257                 | 9979                    | 3434            | 13413                       | 2494                    | 15907                    | 49.18         |
| 17                 | 4938        | 209   | 635   | 5782   | 621   | 603   | 3194        | 3170        | -295         | -256                 | 9920                    | 3685            | 13605                       | 2478                    | 16083                    | 49.53         |
| 18                 | 5023        | 213   | 644   | 5880   | 624   | 648   | 3327        | 3362        | -172         | -134                 | 10380                   | 3207            | 13587                       | 2356                    | 15943                    | 49.75         |
| 19                 | 5012        | 475   | 646   | 6133   | 626   | 429   | 2963        | 3239        | -109         | -59                  | 10390                   | 3025            | 13415                       | 2263                    | 15678                    | 49.67         |
| 20                 | 5093        | 1007  | 646   | 6746   | 625   | 417   | 2999        | 3473        | -162         | -110                 | 11175                   | 3269            | 14444                       | 2345                    | 16789                    | 49.46         |
| 21                 | 5143        | 1247  | 647   | 7037   | 627   | 446   | 3001        | 3478        | -162         | -107                 | 11504                   | 3053            | 14557                       | 2347                    | 16904                    | 49.43         |
| 22                 | 5153        | 782   | 650   | 6585   | 628   | 461   | 3004        | 3511        | -161         | -110                 | 11098                   | 2792            | 13890                       | 2232                    | 16122                    | 49.62         |
| 23                 | 5043        | 985   | 654   | 6682   | 629   | 422   | 3056        | 3474        | -187         | -138                 | 11092                   | 2384            | 13476                       | 2176                    | 15652                    | 49.56         |
| 24                 | 4950        | 1285  | 649   | 6884   | 627   | 365   | 2848        | 2963        | -52          | -11                  | 10851                   | 2080            | 12931                       | 2139                    | 15070                    | 49.28         |
| MUs                | 118.78      | 15.84 | 15.58 | 150.21 | 11.24 | 12.27 | 69.56       | 72.00       | -1.42        | -0.41                | 245.55                  | 68.18           | 313.73                      | 50.59                   | 364.32                   | 49.51         |

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/May/2009**

Position as on 6.30 Hrs of 03/May/2009

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 31/03/2010    |
| Chandrapur Unit 4       | 210      | 21/04/2009   | 00.05        |            | Continued. | W/D for COH.                            | 25/05/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 | 01/07/2009    |
| Uran Unit 4             | 60       | 01/04/2008   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 3             | 60       | 23/10/2008   | 06.40        |            | Continued. | Gas Restriction                         |               |
| Dabhol 3A               | 230      | 08/11/2008   | 13.45        |            | Continued. | Exhaust temp.& vibn.high                | 01/06/2009    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  |               |
| Dabhol 1X               | 290      | 16/03/2009   | 17.01        |            | Continued. | No insurance.                           |               |
| Dabhol 1A               | 230      | 16/03/2009   | 17.05        |            | Continued. | No insurance.                           |               |
| Tata Trombay 4          | 150      | 09/04/2009   | 02.10        |            | Continued. | W/dn                                    |               |
| Koradi Unit 1           | 105      | 27/04/2009   | 22.07        |            | Continued. | Condensor Tube Leakage                  | 03/05/2009    |
| Cent_Sect NTPC(V-4)     | 210      | 28/04/2009   | 10.15        |            | Continued. | Boiler Tube Leakage                     |               |
| Cent_Sect Tarapur 1     | 80       | 29/04/2009   | 11.18        |            | Continued. | Condensor Tube Leakage                  | 03/05/2009    |
| Dabhol 3X               | 290      | 29/04/2009   | 22:31        | 02/05/2009 | 11.36      | Differential Expansion problem.         |               |
| Parli Unit 3            | 210      | 30/04/2009   | 12.03        |            | Continued. | Boiler Tube Leakage                     | 03/05/2009    |
| Dabhol 3B               | 230      | 30/04/2009   | 20.08        | 02/05/2009 | 06:38      | Differential Expansion problem.         |               |
| Paras Unit 2            | 55       | 30/04/2009   | 21.00        |            | Continued. | Clincker Formation.                     |               |
| Cent_Sect sipat-5       | 500      | 02/05/2009   | 00.37        | 02/05/2009 | 05:02      | Drum Level Low                          |               |
| Nasik Unit 2            | 125      | 02/05/2009   | 03.05        | 02/05/2009 | 06.00      | Boiler Feed Pump Problem                |               |
| Koradi Unit 2           | 105      | 02/05/2009   | 12.57        |            | Continued. | A C Supply Failure.                     |               |
| Koradi Unit 3           | 105      | 02/05/2009   | 12.57        | 02/05/2009 | 18.40      | A C Supply Failure.                     |               |
| Koradi Unit 4           | 115      | 02/05/2009   | 12.57        | 02/05/2009 | 20.24      | A C Supply Failure.                     |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 02/May/2009**

Position as on 6.30 Hrs of 03/May/2009

| Name of Line                             | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                             |
|------------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------|
| <b>InterState</b>                        |              |              |                                   |                   |                                              |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                              |
| Koradi-Bhilai                            | 22/04/2009   | 13.26        | 03/05/2009                        | 01.58             | Line On TBC Repl.of MOCB.                    |
| Padgha-Tarapur CKT I                     | 02/05/2009   | 08.44        | 02/05/2009                        | 18.27             | R. Miantenance Work.                         |
| Koradi-Bhilai                            | 02/05/2009   | 21.17        | 03/05/2009                        | 01.58             | Protection Trial Work.                       |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                              |
| Padgha - Boisar ( PGCIL )                | 02/05/2009   | 09.58        | 02/05/2009                        | 19.02             | ANNUAL MAINT. WORK                           |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> HAND TRIPPED   |                   |                                              |
| DHULE-SAR'SAROVAR-I                      | 27/04/2009   | 23.55        | 02/05/2009                        | 08.45             | H/T FOR O/V                                  |
| Wardha - Akola - I                       | 29/04/2009   | 17.49        |                                   | Continued.        | H/T FOR O/V                                  |
| Dhule-Sar'Sarovar II                     | 01/05/2009   | 02.07        |                                   | Continued.        | H/T FOR O/V                                  |
| Kolhapur-Mapusa Ckt I                    | 02/05/2009   | 00.40        | 02/05/2009                        | 08.36             | H/T FOR O/V                                  |
| <b>IntraState</b>                        |              |              |                                   |                   |                                              |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                              |
| 400 KV TBC at Parly-II                   | 07/04/2009   | 00.00        |                                   | Continued.        | Compressor Problem.                          |
| 400/220KV,105MVA Spare ICT at Chandrapur | 26/04/2009   | 10.37        |                                   | Continued.        | Commissioning of CTR fire Protection Scheme. |
| Bhusawal- Aurangabad                     | 02/05/2009   | 09.29        | 02/05/2009                        | 19.00             | Main II Prot.Work.                           |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                              |
| 220/100KV,125MVA ICT-III at Kalwa        | 01/05/2009   | 07.45        |                                   | Continued.        | Maintanance work                             |
| Bale-Usmanabad                           | 01/05/2009   | 12.06        |                                   | Continued.        | Errection of New Tower                       |
| Murud-Bale                               | 01/05/2009   | 13.15        |                                   | Continued.        | Errection of New Tower                       |
| Kolhapur-Sawantwadi                      | 02/05/2009   | 08.18        | 02/05/2009                        | 18.23             | R.M.Work.                                    |
| 220/132 KV 200 MVA ICT-IV at NSK OCR     | 02/05/2009   | 08.40        | 02/05/2009                        | 12.05             | Tan delta and SFRA Testing work.             |
| Kalyani-Bhigwan                          | 02/05/2009   | 08.45        | 02/05/2009                        | 18.53             | Jumper Replacement.                          |
| Ghodbandar-Versova-II                    | 02/05/2009   | 10.11        | 02/05/2009                        | 14.48             | R.M. Work                                    |
| 220/100KV, 100 MVA ICT-II @ Taloja.      | 02/05/2009   | 14.02        | 02/05/2009                        | 19.02             | Outage                                       |
| <b>Voltage Level : 132KV</b>             |              |              | <b>Outage Type</b> PLANNED OUTAGE |                   |                                              |
| Madgi-Kawlewada-II                       | 10/02/2009   | 16.20        |                                   | Continued.        | C.B. replacement work.                       |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                              |
| 220 KV Own Brk..of 315 MVA ICT at Akola  | 23/04/2009   | 15.50        |                                   | Continued.        | Breaker Problem                              |
| <b>Voltage Level : 132KV</b>             |              |              | <b>Outage Type</b> FORCED OUTAGE  |                   |                                              |
| Paras-Akot ckt.                          | 02/05/2009   | 17.30        |                                   | Continued.        | R Ph C T Failed at Paras.                    |
| <b>Voltage Level : 400KV</b>             |              |              | <b>Outage Type</b> TRIPPED        |                   |                                              |
| 400/220 KV 315 MVA ICT at Akola          | 01/05/2009   | 08.13        | 02/05/2009                        | 20.54             | Tripped on Diff.Prot.                        |
| <b>Voltage Level : 220KV</b>             |              |              | <b>Outage Type</b> TRIPPED        |                   |                                              |
| Kolhapur-Sawantwadi                      | 29/04/2009   | 07.14        | 02/05/2009                        | 01.35             | Tripped on Dist.Prot.                        |
| Borivali-Tarapur                         | 03/05/2009   | 02.57        | 03/05/2009                        | 03.52             | Distance Protection                          |
| K'gaon-Dasturi                           | 03/05/2009   | 05.53        |                                   | Continued.        | Distance Protection                          |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 03/May/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 0           |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 70          |
| Unit 4             | 105                   | 70          |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 125         |
|                    | <b>1040</b>           | <b>565</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 25          |
| Unit 2             | 210                   | 175         |
| Unit 3             | 210                   | 175         |
|                    | <b>478</b>            | <b>375</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 150         |
| Unit 6             | 250                   | 220         |
|                    | <b>940</b>            | <b>560</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 170         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 210         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1800</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 180         |
|                    | <b>305</b>            | <b>180</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 175         |
| Unit 2             | 210                   | 175         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 175         |
|                    | <b>840</b>            | <b>700</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 100         |
| Unit 2             | 120                   | 90          |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 175         |
| Unit 5             | 210                   | 175         |
|                    | <b>870</b>            | <b>710</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 620         |
|                    | <b>852</b>            | <b>620</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| KDPH              | 40                    | 36          |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 30          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>281</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           | 740                   | 598         |
| RGPL III          | 740                   |             |
|                   | <b>1480</b>           | <b>598</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 297         |
|                   | <b>2024</b>           | <b>1727</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2969        |
|                   | <b>3143</b>           | <b>2969</b> |

|  |              |              |
|--|--------------|--------------|
|  | <b>17396</b> | <b>12755</b> |
|--|--------------|--------------|