



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**10/Jul/2009**

# State Load Dispatch Center,Airoli (MSETCL)

## Daily system Report for 10/Jul/2009 FRIDAY

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 99.556         | 1060.900        | 1) Madhya Pradesh              | 41.950         | 484.599         |
| 2) Hydro                 | 4.356          | 58.006          | 2) Gujrat                      | 12.975         | 186.596         |
| 3) Gas                   | 10.945         | 116.376         | 3) Goa                         | -5.618         | -52.757         |
| <b>Total MSGENCO</b>     | <b>114.857</b> | <b>1235.282</b> | 4)TAPS 1&2 (Inj.)              | 3.671          | 36.802          |
| <b>B) OTHERS</b>         |                |                 | 5)Pench (Excess)               | -0.092         | -1.822          |
| 1) RGPPL Gas             | 19.147         | 221.006         | <b># Total Cent. Sector</b>    | <b>52.886</b>  | <b>653.418</b>  |
| 2) Wind Generation       | 17.152         | 108.309         | <b>F) Other Exchanges</b>      |                |                 |
| 3) PENCH (MS)            | 0.092          | 1.822           | 1) With TPCL                   | -4.579         | -56.996         |
| <b>C) TPCL &amp; REL</b> |                |                 | <b>G) Bilateral Power *</b>    |                |                 |
| 1) TPCL Thermal          | 28.179         | 279.239         | 1) MSEDCL Bilateral            | 3.529          | 46.961          |
| 2) TPCL Hydro            | 2.803          | 25.529          | Include PX                     | 0.000          | 1.086           |
| <b>TOTAL TPCL</b>        | <b>30.982</b>  | <b>304.768</b>  | 2) MUMBAI Bilateral            | 4.375          | 47.509          |
| 3) REL Thermal           | 12.693         | 111.493         | Include PX                     | 1.757          | 18.261          |
| <b>D) STATE</b>          |                |                 | 3) MUMBAI Schedule             | 4.375          | 56.939          |
| 1) Thermal (A1+C1+C3)    | 140.428        | 1451.632        | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 2) Hydro (A2+B3+C2)      | 7.251          | 85.357          | 1) MSEDCL                      | 199.555        | 2164.663        |
| 3) Gas (A3+B1)           | 30.092         | 337.382         | 2) TPCL                        | 31.757         | 312.739         |
| 4) Wind (B2)             | 17.152         | 108.309         | 3) REL                         | 16.496         | 160.532         |
| <b>TOTAL STATE</b>       | <b>194.923</b> | <b>1982.680</b> | <b>TOTAL STATE</b>             | <b>247.808</b> | <b>2637.934</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 4 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4116                      | 4237                      | 4146                      |
| MSGENCO Hydro                                                              | 140                       | 634                       | 89                        |
| MSGENCO Gas                                                                | 457                       | 429                       | 466                       |
| <b>MSGENCO Total Generation</b>                                            | <b>4713</b>               | <b>5300</b>               | <b>4701</b>               |
| Central Sector Receipt                                                     | 2435                      | 2682                      | 1666                      |
| RGPPL                                                                      | 652                       | 872                       | 873                       |
| WIND                                                                       | 676                       | 626                       | 761                       |
| Exchange with TPCL                                                         | -410                      | -136                      | 23                        |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>8066</b>               | <b>9367</b>               | <b>8024</b>               |
| Load Shedding                                                              | 849                       | 1360                      | 0                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>8915</b>               | <b>10727</b>              | <b>8024</b>               |
| TPCL GENERATION                                                            | 1519                      | 1587                      | 827                       |
| REL GENERATION                                                             | 529                       | 528                       | 530                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2458</b>               | <b>2251</b>               | <b>1334</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>10524</b>              | <b>11618</b>              | <b>9358</b>               |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>11373</b>              | <b>12978</b>              | <b>9358</b>               |
| Frequency (Hz)                                                             | 49.82                     | 49.68                     | 49.97                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 1229 MW At 22.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | -2.30 MUs.                |

## FREQUENCY PARTICULARS

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.36 Hz at 09.06 Hrs | 49.14 Hz at 19.38 Hrs | 49.76         | 0 % 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 10/Jul/2009

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.28        | 10.20         | 39       | 0        | 30       |
| Unit 2           | 0.00        | 1.44          | 0        | 0        | 0        |
| Unit 3           | 1.61        | 11.89         | 77       | 53       | 60       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 0.00        | 26.41         | 0        | 0        | 0        |
| Unit 6           | 3.73        | 34.74         | 176      | 128      | 140      |
| Unit 7           | 3.18        | 19.54         | 157      | 42       | 140      |
|                  | 8.80        | 104.23        |          |          | 370      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.04        | 10.32         | 53       | 30       | 30       |
| Unit 2           | 2.16        | 33.86         | 145      | 60       | 110      |
| Unit 3           | 3.48        | 38.90         | 170      | 110      | 150      |
|                  | 6.68        | 83.08         |          |          | 290      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.47        | 4.79          | 20       | 18       | 20       |
| Unit 2           | 0.56        | 5.59          | 25       | 20       | 20       |
| Unit 3           | 1.61        | 32.00         | 136      | 0        | 100      |
| Unit 4           | 3.47        | 36.05         | 158      | 111      | 150      |
| Unit 5           | 4.03        | 38.58         | 180      | 152      | 160      |
| Unit 6           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 10.14       | 117.02        |          |          | 450      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.06        | 37.91         | 150      | 0        | 165      |
| Unit 2           | 3.54        | 36.83         | 152      | 143      | 150      |
| Unit 3           | 4.15        | 43.43         | 196      | 152      | 175      |
| Unit 4           | 4.11        | 41.47         | 191      | 148      | 200      |
| Unit 5           | 9.20        | 94.05         | 425      | 345      | 400      |
| Unit 6           | 8.76        | 89.15         | 425      | 280      | 400      |
| Unit 7           | 9.58        | 92.77         | 428      | 367      | 400      |
|                  | 42.39       | 435.61        |          |          | 1890     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.00        | 9.08          | 44       | 38       | 40       |
| Unit 3           | 4.66        | 43.87         | 210      | 148      | 210      |
|                  | 5.66        | 52.96         |          |          | 250      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.22        | 42.18         | 184      | 168      | 175      |
| Unit 2           | 3.94        | 39.52         | 184      | 120      | 175      |
| Unit 3           | 4.14        | 42.70         | 189      | 154      | 175      |
| Unit 4           | 4.36        | 42.32         | 194      | 155      | 175      |
|                  | 16.66       | 166.71        |          |          | 700      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 8.17          | 0        | 0        | 0        |
| Unit 2           | 1.36        | 10.39         | 68       | 51       | 50       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 4.11        | 44.05         | 194      | 148      | 180      |
| Unit 5           | 3.76        | 38.70         | 167      | 147      | 160      |
|                  | 9.23        | 101.30        |          |          | 390      |
| Uran             |             |               |          |          |          |
| All Units        | 10.94       | 116.38        | 466      | 419      | 450      |
|                  | 10.94       | 116.38        |          |          | 450      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.36        | 15.34         | 185      | 30       | 600      |
| Stage 4          | 0.00        | 15.74         | 0        | 0        | 250      |
| Koyna 12&4 Total | 1.36        | 31.08         |          |          | 850      |

| Generating unit   | Generation   |               |          |          | OLC (MW)    |
|-------------------|--------------|---------------|----------|----------|-------------|
|                   | Daily (Mus)  | Monthly (Mus) | Max (MW) | Min (MW) |             |
| Stage 3           | 1.29         | 11.39         | 320      | 0        | 320         |
|                   | <b>2.66</b>  | <b>42.47</b>  |          |          | <b>1170</b> |
| <b>Hydro</b>      |              |               |          |          |             |
| KDPH              | 0.00         | 1.21          | 0        | 0        | 0           |
| VTRNA             | 0.00         | 3.02          | 0        | 0        | 60          |
| TILLARI           | 0.99         | 3.91          | 60       | 0        | 60          |
| BHTGR/VEER        | 0.00         | 0.00          | 0        | 0        | 0           |
| BHIRA T.R.        | 0.26         | 1.99          | 80       | 0        | 80          |
| RNGR+BHTSA        | 0.15         | 2.25          | 9        | 0        | 10          |
| BHANDARDRA        | 0.00         | 0.00          | 0        | 0        | 0           |
| ELDARY            | 0.00         | 0.00          | 0        | 0        | 0           |
| PAITHAN           | 0.00         | 0.00          | 0        | 0        | 0           |
| GHATGHAR          | 0.30         | 3.15          | 125      | 0        | 0           |
|                   | <b>1.70</b>  | <b>15.54</b>  |          |          | <b>210</b>  |
| <b>PENCH (MS)</b> |              |               |          |          |             |
| Pench (MS)        | 0.09         | 1.82          | 24       | 0        |             |
|                   | <b>0.09</b>  | <b>1.82</b>   |          |          |             |
| <b>Wind</b>       |              |               |          |          |             |
| MalharPeth        | 0.78         | 5.48          |          |          |             |
| Vankuswadi        | 1.76         | 11.90         |          |          |             |
| ATIT              | 0.38         | 2.88          |          |          |             |
| Kale              | 0.20         | 1.83          |          |          |             |
| Satara            | 0.84         | 7.02          |          |          |             |
| Shirala           | 0.86         | 4.64          |          |          |             |
| K Mahankal        | 1.09         | 3.54          |          |          |             |
| Supa              | 0.19         | 1.53          |          |          |             |
| Vita              | 4.18         | 30.53         |          |          |             |
| Dondaicha         | 4.23         | 23.37         |          |          |             |
| Sakri             | 0.66         | 3.78          |          |          |             |
| Nandurbar         | 0.53         | 3.47          |          |          |             |
| Khadakale         | 0.96         | 5.23          |          |          |             |
| Khaparale         | 0.50         | 3.13          |          |          |             |
|                   | <b>17.15</b> | <b>108.31</b> |          |          |             |
| <b>Dabhol</b>     |              |               |          |          |             |
| RGPP L II         | 19.15        | 221.01        | 938      | 600      | 887         |
| RGPP L III        | 0.00         | 0.00          | 0        | 0        |             |
|                   | <b>19.15</b> | <b>221.01</b> |          |          | <b>887</b>  |
| <b>Tata</b>       |              |               |          |          |             |
| Trombay 4         | 0.00         | 0.04          | 0        | 0        | 0           |
| Trombay 5         | 11.64        | 104.18        | 505      | 380      | 500         |
| Trombay 6         | 9.88         | 105.20        | 510      | 150      | 500         |
| Trombay 7A        | 2.94         | 29.45         | 128      | 100      | 120         |
| Trombay 7B        | 0.00         | 6.13          | 0        | 0        | 0           |
| Trombay 8         | 3.72         | 34.24         | 162      | 140      | 120         |
| TATA Hydro        | 2.80         | 25.53         | 371      | 4        | 447         |
|                   | <b>30.98</b> | <b>304.77</b> |          |          | <b>1687</b> |
| <b>REL</b>        |              |               |          |          |             |
| 1&2               | 12.69        | 111.49        | 530      | 526      | 500         |
|                   | <b>12.69</b> | <b>111.49</b> |          |          | <b>500</b>  |
| <b>Cent Sect</b>  |              |               |          |          |             |
| Share             |              |               |          |          | 2650        |
|                   |              |               |          |          | <b>2650</b> |

|                    |          |               |                |  |              |
|--------------------|----------|---------------|----------------|--|--------------|
| MS<br>PG<br>CL     | Thermal  | 99.56         | 1060.90        |  | 4340         |
|                    | Thml+Gas | 110.50        | 1177.28        |  | 4790         |
|                    | Hydro    | 4.36          | 58.01          |  | 1380         |
|                    | Total    | 114.86        | 1235.28        |  | 6170         |
| <b>State Total</b> |          | <b>194.92</b> | <b>1982.68</b> |  | <b>11894</b> |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 10/Jul/2009

| 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                  | 3991        | 94   | 462   | 4547   | 937   | 625   | 2638        | 2158        | 4      | 26    | 8293                    | 0               | 8293                        | 1578             | 9871                     | 49.82         |
| 2                  | 4050        | 107  | 460   | 4617   | 937   | 675   | 2382        | 1887        | 4      | 29    | 8145                    | 0               | 8145                        | 1457             | 9602                     | 49.78         |
| 3                  | 4103        | 91   | 462   | 4656   | 876   | 688   | 2177        | 1802        | 4      | 29    | 8051                    | 0               | 8051                        | 1392             | 9443                     | 49.83         |
| 4                  | 4146        | 89   | 466   | 4701   | 873   | 761   | 2178        | 1666        | 4      | 23    | 8024                    | 0               | 8024                        | 1334             | 9358                     | 49.97         |
| 5                  | 4187        | 98   | 462   | 4747   | 873   | 856   | 2178        | 1779        | 4      | 21    | 8276                    | 0               | 8276                        | 1330             | 9606                     | 49.84         |
| 6                  | 4223        | 92   | 458   | 4773   | 928   | 734   | 2199        | 2083        | 4      | 23    | 8541                    | 363             | 8904                        | 1409             | 10313                    | 49.69         |
| 7                  | 4346        | 94   | 462   | 4902   | 938   | 681   | 2583        | 1836        | -5     | 15    | 8372                    | 825             | 9197                        | 1580             | 10777                    | 49.78         |
| 8                  | 4315        | 124  | 465   | 4904   | 937   | 721   | 2563        | 2220        | -5     | 10    | 8792                    | 627             | 9419                        | 1720             | 11139                    | 49.93         |
| 9                  | 4174        | 104  | 461   | 4739   | 937   | 664   | 2566        | 2305        | -7     | 20    | 8665                    | 636             | 9301                        | 1942             | 11243                    | 49.92         |
| 10                 | 4119        | 104  | 460   | 4683   | 936   | 683   | 2734        | 2370        | -272   | -329  | 8343                    | 636             | 8979                        | 2310             | 11289                    | 49.93         |
| 11                 | 4116        | 140  | 457   | 4713   | 652   | 676   | 2811        | 2435        | -354   | -410  | 8066                    | 849             | 8915                        | 2458             | 11373                    | 49.82         |
| 12                 | 4166        | 142  | 452   | 4760   | 634   | 712   | 2787        | 2069        | -331   | -385  | 7790                    | 635             | 8425                        | 2490             | 10915                    | 49.82         |
| 13                 | 4176        | 125  | 456   | 4757   | 635   | 799   | 2929        | 1957        | -473   | -525  | 7623                    | 558             | 8181                        | 2480             | 10661                    | 49.92         |
| 14                 | 4119        | 90   | 459   | 4668   | 613   | 914   | 2882        | 1968        | -425   | -478  | 7685                    | 558             | 8243                        | 2368             | 10611                    | 49.92         |
| 15                 | 4055        | 76   | 445   | 4576   | 600   | 868   | 2910        | 1914        | -449   | -502  | 7456                    | 279             | 7735                        | 2400             | 10135                    | 49.68         |
| 16                 | 4103        | 80   | 452   | 4635   | 601   | 784   | 2910        | 2007        | -449   | -504  | 7523                    | 0               | 7523                        | 2405             | 9928                     | 49.79         |
| 17                 | 4062        | 85   | 436   | 4583   | 613   | 872   | 2891        | 2147        | -425   | -482  | 7733                    | 0               | 7733                        | 2410             | 10143                    | 49.67         |
| 18                 | 4131        | 78   | 429   | 4638   | 634   | 755   | 2854        | 2586        | -387   | -387  | 8226                    | 0               | 8226                        | 2367             | 10593                    | 49.53         |
| 19                 | 4180        | 266  | 439   | 4885   | 654   | 593   | 2649        | 2670        | -198   | -191  | 8613                    | 24              | 8637                        | 2341             | 10978                    | 49.70         |
| 20                 | 4249        | 681  | 430   | 5360   | 666   | 651   | 2602        | 2776        | -151   | -169  | 9307                    | 1146            | 10453                       | 2346             | 12799                    | 49.48         |
| 21                 | 4237        | 634  | 429   | 5300   | 872   | 626   | 2602        | 2682        | -151   | -136  | 9367                    | 1360            | 10727                       | 2251             | 12978                    | 49.68         |
| 22                 | 4141        | 574  | 419   | 5134   | 932   | 605   | 2602        | 2518        | -151   | -135  | 9078                    | 1378            | 10456                       | 2108             | 12564                    | 49.59         |
| 23                 | 4117        | 305  | 422   | 4844   | 933   | 594   | 2552        | 2577        | -96    | -80   | 8888                    | 1132            | 10020                       | 1940             | 11960                    | 49.62         |
| 24                 | 4020        | 83   | 421   | 4524   | 936   | 618   | 2536        | 2539        | -70    | -62   | 8555                    | 582             | 9137                        | 1838             | 10975                    | 49.60         |
| MUs                | 99.53       | 4.36 | 10.76 | 114.65 | 19.15 | 17.16 | 62.72       | 52.95       | -4.37  | -4.58 | 199.41                  | 11.59           | 211.00                      | 48.25            | 259.25                   | 49.76         |

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 10/Jul/2009**

Position as on 6.30 Hrs of 11/Jul/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    |
| Parli Unit 6            | 250      | 03/06/2009   | 06.35        |            | Continued. | Annual Overhaul                         | 20/07/2009    |
| Nasik Unit 3            | 210      | 07/06/2009   | 21.37        |            | Continued. | Capital overhaul                        | 18/07/2009    |
| Cent_Sect Tarapur 2     | 80       | 16/06/2009   | 22:10        |            | Continued. | Refueling Outage.                       | 30/07/2009    |
| Koyna ST - IV 4         | 250      | 10/07/2009   | 06.09        |            | Continued. | Maintenance work.                       | 18/07/2009    |
| Parli Unit 3            | 210      | 10/07/2009   | 13.43        |            | Continued. | P.A. Fan Tripped.                       | 18/07/2009    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Dabhol 2A               | 230      | 19/01/2008   | 02.40        |            | Continued. | Tripped                                 |               |
| 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                | 25/07/2009    |
| Dabhol 1B               | 230      | 22/01/2009   | 12.05        |            | Continued. | BHMS Installation work                  |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Cent_Sect Kawas ST1C    | 116      | 03/06/2009   | 16:33        |            | Continued. | Bearing Temp. High                      | 27/07/2009    |
| Koradi Unit 4           | 115      | 28/06/2009   | 14.18        |            | Continued. | Coal Bunkering problem.                 | 15/07/2009    |
| Tata Trombay 4          | 150      | 01/07/2009   | 00:46        |            | Continued. | W/dn                                    |               |
| Tata Trombay 7B         | 60       | 04/07/2009   | 21.12        |            | Continued. | GT.Bucholz Operated.                    | 10/08/2009    |
| Nasik Unit 1            | 125      | 05/07/2009   | 06.15        |            | Continued. | Boiler Tube Leakage                     | 12/07/2009    |
| Uran Unit 3             | 60       | 05/07/2009   | 21.12        |            | Continued. | Stator Earth Fault                      |               |
| Uran Unit 7             | 108      | 07/07/2009   | 02.37        |            | Continued. | Jacking Oil Pressure Line Leakage.      |               |
| Koradi Unit 2           | 105      | 08/07/2009   | 14:14        |            | Continued. | W/dn, Clinker Formation                 | 12/07/2009    |
| Koradi Unit 5           | 200      | 09/07/2009   | 03:39        |            | Continued. | Tripped on Flame Failure.               | 12/07/2009    |
| Koradi Unit 1           | 105      | 10/07/2009   | 08.40        | 10/07/2009 | 18.54      | Coal Mill Problem                       |               |
| Dabhol 3B               | 230      | 10/07/2009   | 10.03        | 10/07/2009 | 17.34      | Excitation Problem.                     |               |
| Dabhol 3X               | 290      | 10/07/2009   | 10.03        | 10/07/2009 | 19.41      | Excitation Problem.                     |               |
| Chandrapur Unit 1       | 210      | 10/07/2009   | 22.21        | 11/07/2009 | 00.59      | 29D Isolator problem.                   |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Jul/2009**

Position as on 6.30 Hrs of 11/Jul/2009

| Name of Line                               | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                               |
|--------------------------------------------|--------------|--------------|-----------------------------------|--------------------|------------------------------------------------|
| <b>InterState</b>                          |              |              |                                   |                    |                                                |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                |
| Akola - Wardha - II                        | 01/07/2009   | 09.12        |                                   | Continued.         | H/T FOR O/V                                    |
| AKOLA-WARDHA--I                            | 09/07/2009   | 06:32        |                                   | Continued.         | H/T FOR O/V                                    |
| Kolhapur-Mapusa Ckt I                      | 09/07/2009   | 23:52        |                                   | Continued.         | H/T FOR O/V                                    |
| DHULE-SAR'SAROVAR-I                        | 09/07/2009   | 23:52        |                                   | Continued.         | H/T FOR O/V                                    |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                |
| Dhule-Khandwa-I                            | 19/06/2009   | 16:13        |                                   | Continued.         | 3 Tower Collapsed.                             |
| Dhule-Khandwa-II                           | 19/06/2009   | 16:13        |                                   | Continued.         | 3 Tower Collapsed.                             |
| <b>IntraState</b>                          |              |              |                                   |                    |                                                |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                |
| Main Breaker of C'Pur-Parli-I at Parli end | 12/06/2009   | 10.56        | 10/07/2009                        | 14.08              | To attend hot spot on Bus Isolator,Line on TBC |
| Padgha-Kalwa-I                             | 10/07/2009   | 08.31        | 10/07/2009                        | 18.50              | Q.M. WORK                                      |
| <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                                    |
| Jejuri-Jejuri I                            | 08/07/2009   | 10:38        | 10/07/2009                        | 22.24              | Retrofitting work.                             |
| Nasik-Bablswr Ckt I                        | 09/07/2009   | 09:45        |                                   | Continued.         | CKT on TBC,for Main Breaker Replacement.       |
| New Paras TPS - Akola - I                  | 09/07/2009   | 12:18        | 10/07/2009                        | 18.50              | Retrofitting work.                             |
| Tata-Tie-2 at Trombay.                     | 10/07/2009   | 06.31        | 10/07/2009                        | 12.14              | Q.M. WORK                                      |
| Kalwa-C'chem                               | 10/07/2009   | 07.16        | 11/07/2009                        | 01.03              | Stringing for inter changing with Nsk-Klw-3.   |
| Chalisgaon - Malegaon                      | 10/07/2009   | 09.33        | 10/07/2009                        | 12.46              | Q.M. WORK                                      |
| Boiser-PGCIL-I                             | 10/07/2009   | 09.34        | 11/07/2009                        | 01.43              | Retrofitting work.                             |
| 220/100KV , ICT.2 at Kolshett.             | 10/07/2009   | 10.30        | 10/07/2009                        | 14.00              | To attend hot spot                             |
| 220/132 kv,100 MVA ICT at Chitegaon        | 10/07/2009   | 10.52        | 10/07/2009                        | 15.50              | R.M.Work.                                      |
| Padgha-Jambhul                             | 10/07/2009   | 11.10        | 10/07/2009                        | 16.29              | L.A.replacement work                           |
| Aurangabad-Padegaon CKT-II                 | 10/07/2009   | 11.16        | 10/07/2009                        | 14.58              | Q.M. WORK                                      |
| 220/132 KV,63 MVA,ICT-2 at Lonand.         | 10/07/2009   | 12.10        |                                   | Continued.         | HV C.B.Repl.(ICT is on TBC )                   |
| Tambati-Pedambe                            | 10/07/2009   | 19.17        | 10/07/2009                        | 20.20              | To remove CT short link.                       |
| <b>Voltage Level : 132KV</b>               |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                |
| Parbhani - Pathri                          | 10/07/2009   | 12.20        | 10/07/2009                        | 13.12              | Attending Y Ph.CT sparing.                     |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                |
| 400/220 KV 315 MVA ICT at Akola            | 09/07/2009   | 11:28        |                                   | Continued.         | LV CB H/T.                                     |
| <b>Voltage Level : 220KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                |
| Wardha--Dhamangaon                         | 01/07/2009   | 18.17        |                                   | Continued.         | H/T to control Akola ICT.                      |
| <b>Voltage Level : 100KV</b>               |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                |
| Kalwa-Kalyan                               | 10/07/2009   | 06.55        | 11/07/2009                        | 01.04              | H/T for Col.Chem.outage.                       |
| Kalwa-Mukund II                            | 10/07/2009   | 06.55        | 11/07/2009                        | 01.17              | H/T for col.chem-Klw outage                    |
| Kalwa-Nocil II                             | 10/07/2009   | 06.55        | 11/07/2009                        | 01.04              | H/T for col.chem-Klw outage                    |
| <b>Voltage Level : 400KV</b>               |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 10/Jul/2009**

Position as on 6.30 Hrs of 11/Jul/2009

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage    |
|------------------------------|--------------|--------------|----------------------------|--------------------|---------------------|
| C'pur-Parli II               | 09/07/2009   | 16:49        | 10/07/2009                 | 14.50              | Line is on TBC.     |
| New Koyna - StageIV - I      | 10/07/2009   | 18.53        | 10/07/2009                 | 19.06              | Pole Discrepancy.   |
| <b>Voltage Level : 220KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                     |
| Apta-Tambati                 | 10/07/2009   | 15.03        | 10/07/2009                 | 15.30              | LBB Operated        |
| Khaparkheda-Kawlewada-II     | 10/07/2009   | 17.09        | 10/07/2009                 | 17.25              | Tripped ,Dist.Prot. |
| <b>Voltage Level : 132KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                     |
| Paras-Akot                   | 23/06/2009   | 16:45        |                            | Continued.         | 1 Tower Collopsed.  |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 11/Jul/2009

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 50          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 65          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>405</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 40          |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 150         |
|                    | <b>478</b>            | <b>350</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 160         |
| Unit 6             | 250                   | 0           |
|                    | <b>940</b>            | <b>350</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1890</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 40          |
| Unit 3             | 250                   | 210         |
|                    | <b>305</b>            | <b>250</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 180         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 180         |
|                    | <b>840</b>            | <b>720</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 70          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 165         |
| Unit 5             | 210                   | 142         |
|                    | <b>870</b>            | <b>377</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 450         |
|                    | <b>852</b>            | <b>450</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                    | 0           |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 0           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 10          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| PAITHAN           | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>210</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                   | 887         |
| RGPL III          | 740                   |             |
|                   | <b>1700</b>           | <b>887</b>  |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 0           |
| Trombay 8         | 250                   | 120         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1687</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 2518        |
|                   | <b>3143</b>           | <b>2518</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17616</b> | 7 of 7 | <b>11764</b> |
|--|--------------|--------|--------------|