



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**04/Sep/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 04/Sep/2011 SUNDAY**

| <b>I GENERATION (MUs)</b> |                |                | <b>II EXCHANGES (MUs)</b>      |                |                 |
|---------------------------|----------------|----------------|--------------------------------|----------------|-----------------|
| <b>A) MSGENCO</b>         | <b>Daily</b>   | <b>Monthly</b> | <b>E) Central Sector</b>       | <b>Daily</b>   | <b>Monthly</b>  |
| 1) Thermal                | 42.930         | 198.460        | 1) Madhya Pradesh              | 44.543         | 206.111         |
| 2) Hydro                  | 34.649         | 81.714         | 2) Gujrat                      | 29.809         | 140.164         |
| 3) Gas                    | 14.221         | 56.867         | 3) Goa                         | -4.756         | -18.172         |
| <b>Total MSGENCO</b>      | <b>91.800</b>  | <b>337.041</b> | 4) TAPS 1&2 (Inj.)             | 4.623          | 22.752          |
| <b>B) OTHERS</b>          |                |                | 5) Pench (Excess)              | -0.073         | -0.167          |
| 1) RGPPL Gas              | 27.770         | 98.321         | <b># Total Cent. Sector</b>    | <b>74.146</b>  | <b>350.688</b>  |
| 2) Wind Generation        | 18.995         | 65.861         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                    | 22.640         | 96.707         | 1) With TPCL (Excess)          | -6.930         | -41.090         |
| 4) PENCH (MS)             | 0.073          | 0.167          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                | 1) MSEDCL Bilateral            | 10.089         | 48.756          |
| 1) TPCL Thermal           | 20.120         | 83.757         | Include PX                     | 0.000          | 6.734           |
| 2) TPCL Hydro             | 5.036          | 21.243         | 2) MUMBAI Bilateral            | 8.841          | 42.146          |
| <b>TOTAL TPCL</b>         | <b>25.156</b>  | <b>105.000</b> | Include PX                     | -0.032         | -1.664          |
| 3) REL Thermal            | 12.537         | 47.826         | 3) MUMBAI Schedule             | 8.841          | 42.146          |
| <b>D) STATE</b>           |                |                | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 75.587         | 330.043        | 1) MSEDCL                      | 228.494        | 907.695         |
| 2) Hydro (A2+B3+C2)       | 39.758         | 103.124        | 2) TPCL                        | 29.489         | 129.022         |
| 3) Gas (A3+B1)            | 41.991         | 155.188        | 3) REL                         | 15.132         | 64.894          |
| 4) Wind (B2)              | 18.995         | 65.861         | <b>TOTAL STATE</b>             | <b>273.115</b> | <b>1101.611</b> |
| 5) CPP (B3)               | 22.640         | 96.707         |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>198.971</b> | <b>750.923</b> |                                |                |                 |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 9 Hrs</b> | <b>B. Evening Peak at 20 Hrs</b> | <b>C. Night Minimum at 4 Hrs</b> |
|----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 1803                            | 1846                             | 1743                             |
| MSGENCO Hydro                    | 1619                            | 2524                             | 865                              |
| MSGENCO Gas                      | 596                             | 580                              | 599                              |
| <b>MSGENCO Total Generation</b>  | <b>4018</b>                     | <b>4950</b>                      | <b>3207</b>                      |
| <b>Central Sector Receipt</b>    | <b>3553</b>                     | <b>3254</b>                      | <b>2957</b>                      |
| <b>RGPPL</b>                     | <b>1196</b>                     | <b>1189</b>                      | <b>1205</b>                      |
| <b>WIND</b>                      | <b>637</b>                      | <b>901</b>                       | <b>689</b>                       |
| <b>CPP</b>                       | <b>950</b>                      | <b>943</b>                       | <b>951</b>                       |
| <b>Exchange with Mumbai</b>      | <b>-307</b>                     | <b>-437</b>                      | <b>-136</b>                      |
| <b>MSEDCL DEMAND MET</b>         | <b>10047</b>                    | <b>10800</b>                     | <b>8873</b>                      |
| <b>Load Shedding (LS)</b>        | <b>45</b>                       | <b>46</b>                        | <b>42</b>                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>10092</b>                    | <b>10846</b>                     | <b>8915</b>                      |
| <b>TPCL GENERATION</b>           | <b>935</b>                      | <b>1155</b>                      | <b>899</b>                       |
| <b>REL GENERATION</b>            | <b>523</b>                      | <b>523</b>                       | <b>514</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>1765</b>                     | <b>2115</b>                      | <b>1549</b>                      |
| <b>STATE DEMAND MET</b>          | <b>11812</b>                    | <b>12915</b>                     | <b>10422</b>                     |
| <b>Load Management (LM)</b>      | <b>850</b>                      | <b>1708</b>                      | <b>795</b>                       |
| <b>Total Load Relief (LS+LM)</b> | <b>895</b>                      | <b>1754</b>                      | <b>837</b>                       |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>12707</b>                    | <b>14669</b>                     | <b>11259</b>                     |
| <b>Frequency (Hz)</b>            | <b>50.20</b>                    | <b>49.84</b>                     | <b>50.23</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.46 Hz at 04:08 Hrs</b> | <b>49.57 Hz at 19:40 Hrs</b> | <b>50.07</b>         | <b>0 % of Time(min)</b>    |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 04/Sep/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 0.00        | 6.61          | 0        | 0        | 0        |
| Unit 6           | 1.74        | 4.88          | 117      | 0        | 110      |
| Unit 7           | 2.54        | 10.10         | 160      | 75       | 100      |
|                  | 4.28        | 21.60         |          |          | 210      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 7.66          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 0.00        | 7.66          |          |          | 0        |
| Parli            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 2.96        | 12.21         | 135      | 106      | 130      |
| Unit 6           | 2.96        | 12.01         | 160      | 83       | 115      |
| Unit 7           | 0.00        | 5.73          | 0        | 0        | 0        |
|                  | 5.93        | 29.95         |          |          | 245      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.50        | 5.68          | 119      | 84       | 120      |
| Unit 2           | 0.00        | 2.88          | 0        | 0        | 0        |
| Unit 3           | 0.04        | 4.84          | 20       | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 5.62        | 21.66         | 260      | 200      | 250      |
| Unit 6           | 5.65        | 21.33         | 290      | 180      | 200      |
| Unit 7           | 0.00        | 14.62         | 0        | 0        | 0        |
|                  | 13.81       | 71.02         |          |          | 570      |
| Paras            |             |               |          |          |          |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 2.18        | 8.85          | 119      | 66       | 70       |
|                  | 2.18        | 8.85          |          |          | 70       |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 3.06        | 7.76          | 145      | 95       | 135      |
| Unit 2           | 2.57        | 10.67         | 135      | 31       | 130      |
| Unit 3           | 3.09        | 12.09         | 147      | 104      | 120      |
| Unit 4           | 3.06        | 11.90         | 149      | 110      | 120      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 11.79       | 42.42         |          |          | 505      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 2.54        | 8.42          | 150      | 50       | 110      |
| Unit 4           | 2.40        | 8.53          | 121      | 30       | 110      |
| Unit 5           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 4.94        | 16.96         |          |          | 220      |
| Uran             |             |               |          |          |          |
| All Units        | 14.22       | 56.87         | 607      | 579      | 590      |
|                  | 14.22       | 56.87         |          |          | 590      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 27.77       | 98.32         | 1213     | 1090     | 1280     |
|                  | 27.77       | 98.32         |          |          | 1280     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.76        | 11.68         | 560      | 35       | 600      |
| Stage 4          | 13.78       | 26.84         | 1073     | 150      | 250      |
| Stage 3          | 5.89        | 13.55         | 320      | 142      | 320      |
|                  | 26.43       | 52.07         |          |          | 1170     |
| Kovna 12&4 Total | 20.54       | 38.52         |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.83        | 3.52          | 35       | 34       | 36       |
| VTRNA           | 1.02        | 3.35          | 61       | 0        | 60       |
| TILLARI         | 1.43        | 4.00          | 60       | 58       | 60       |
| BHTGR/VEER      | 0.22        | 1.62          | 10       | 9        | 24       |
| BHIRA T.R.      | 0.51        | 1.92          | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.47        | 1.88          | 20       | 19       | 20       |
| BHANDARDRA      | 0.87        | 2.70          | 37       | 36       | 20       |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 1.84        | 6.14          | 84       | 73       | 10       |
| GHATGHAR        | 1.02        | 4.52          | 250      | 0        | 0        |
|                 | 8.22        | 29.65         |          |          | 310      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.07        | 0.17          | 24       | 0        | 0        |
|                 | 0.07        | 0.17          |          |          | 0        |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.69        | 3.62          |          |          |          |
| Vankuswadi      | 2.19        | 7.20          |          |          |          |
| ATIT            | 0.32        | 1.16          |          |          |          |
| Kale            | 0.77        | 2.88          |          |          |          |
| Satara          | 4.86        | 16.26         |          |          |          |
| Shirala         | 0.84        | 3.23          |          |          |          |
| K Mahankal      | 0.14        | 0.56          |          |          |          |
| Supa            | 0.45        | 1.16          |          |          |          |
| Vita            | 4.40        | 17.34         |          |          |          |
| Dondaicha       | 1.43        | 4.81          |          |          |          |
| Sakri           | 0.36        | 0.95          |          |          |          |
| Nandurbar       | 0.04        | 0.46          |          |          |          |
| Khandke         | 1.80        | 4.75          |          |          |          |
| Khaparale       | 0.70        | 1.47          |          |          |          |
|                 | 19.00       | 65.86         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 14.58       | 65.52         | 616      | 589      | 630      |
| WARDHA          | 6.21        | 21.81         | 273      | 238      | 260      |
| Other CPPs      | 1.85        | 9.38          |          |          |          |
|                 | 22.64       | 96.71         |          |          | 890      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.62       | 44.07         | 490      | 470      | 490      |
| Trombay 6       | 3.86        | 17.52         | 220      | 155      | 500      |
| Trombay 7A      | 2.99        | 11.95         | 126      | 123      | 120      |
| Trombay 7B      | 1.64        | 6.54          | 69       | 68       | 60       |
| Trombay 8       | 0.00        | 3.67          | 0        | 0        | 0        |
| TATA Hydro      | 5.04        | 21.24         | 390      | 75       | 447      |
|                 | 25.16       | 105.00        |          |          | 1617     |
| REL             |             |               |          |          |          |
| 1&2             | 12.54       | 47.83         | 525      | 505      | 500      |
|                 | 12.54       | 47.83         |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3115     |
|                 |             |               |          |          | 3115     |

|                |          |        |        |  |  |       |
|----------------|----------|--------|--------|--|--|-------|
| MS<br>PG<br>CL | Thermal  | 42.93  | 198.46 |  |  | 1820  |
|                | Thml+Gas | 57.15  | 255.33 |  |  | 2410  |
|                | Hydro    | 34.65  | 81.71  |  |  | 1480  |
|                | Total    | 91.80  | 337.04 |  |  | 3890  |
| State Total    |          | 198.97 | 750.92 |  |  | 11292 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Sep/2011

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL | RGPPL | WIND  | CPP   | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAN<br>D WITH<br>LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|-------|-------|-------|-------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------|---------------|
|                    | THM         | HY    | GAS   |       |       |       |       |             |             |              |                      |                         |                             |                                 |                         |                                |               |
| 1                  | 1744        | 1665  | 597   | 4006  | 1201  | 676   | 961   | 2876        | 2520        | -371         | -359                 | 9005                    | 947                         | 9047                            | 1805                    | 11757                          | 49.97         |
| 2                  | 1721        | 1124  | 601   | 3446  | 1198  | 626   | 957   | 2844        | 3002        | -368         | -259                 | 8970                    | 890                         | 9012                            | 1680                    | 11540                          | 49.97         |
| 3                  | 1746        | 1035  | 600   | 3381  | 1201  | 625   | 960   | 2819        | 2951        | -341         | -173                 | 8945                    | 884                         | 8987                            | 1595                    | 11424                          | 50.04         |
| 4                  | 1743        | 865   | 599   | 3207  | 1205  | 689   | 951   | 2819        | 2957        | -341         | -136                 | 8873                    | 837                         | 8915                            | 1549                    | 11259                          | 50.23         |
| 5                  | 1788        | 854   | 603   | 3245  | 1204  | 732   | 950   | 2819        | 3070        | -339         | -121                 | 9080                    | 830                         | 9122                            | 1524                    | 11434                          | 50.26         |
| 6                  | 1839        | 1121  | 607   | 3567  | 1196  | 679   | 948   | 3007        | 3062        | -339         | -174                 | 9278                    | 893                         | 9320                            | 1599                    | 11770                          | 50.07         |
| 7                  | 1833        | 1466  | 605   | 3904  | 1199  | 678   | 971   | 3054        | 3202        | -371         | -192                 | 9762                    | 895                         | 9807                            | 1624                    | 12281                          | 50.16         |
| 8                  | 1865        | 1537  | 601   | 4003  | 1193  | 580   | 931   | 3052        | 3401        | -371         | -247                 | 9861                    | 895                         | 9906                            | 1686                    | 12442                          | 50.04         |
| 9                  | 1803        | 1619  | 596   | 4018  | 1196  | 637   | 950   | 3051        | 3553        | -371         | -307                 | 10047                   | 895                         | 10092                           | 1765                    | 12707                          | 50.20         |
| 10                 | 1851        | 1632  | 597   | 4080  | 1195  | 707   | 942   | 3062        | 3276        | -371         | -367                 | 9833                    | 910                         | 9881                            | 1915                    | 12658                          | 50.24         |
| 11                 | 1766        | 1531  | 580   | 3877  | 1176  | 814   | 957   | 2967        | 3184        | -371         | -319                 | 9689                    | 922                         | 9736                            | 2006                    | 12617                          | 50.11         |
| 12                 | 1714        | 1597  | 595   | 3906  | 1090  | 876   | 935   | 2840        | 2891        | -371         | -310                 | 9388                    | 885                         | 9433                            | 2029                    | 12302                          | 50.15         |
| 13                 | 1799        | 1533  | 579   | 3911  | 1091  | 855   | 937   | 2832        | 2750        | -371         | -299                 | 9245                    | 881                         | 9290                            | 2048                    | 12174                          | 50.04         |
| 14                 | 1793        | 1168  | 581   | 3542  | 1092  | 850   | 945   | 2829        | 2846        | -371         | -258                 | 9017                    | 883                         | 9064                            | 1976                    | 11876                          | 50.16         |
| 15                 | 1867        | 1029  | 582   | 3478  | 1091  | 875   | 942   | 2833        | 2903        | -371         | -241                 | 9048                    | 881                         | 9093                            | 1943                    | 11872                          | 50.12         |
| 16                 | 1792        | 1135  | 586   | 3513  | 1091  | 965   | 946   | 2838        | 2929        | -371         | -261                 | 9183                    | 912                         | 9228                            | 1887                    | 11982                          | 50.08         |
| 17                 | 1854        | 1036  | 586   | 3476  | 1091  | 1024  | 945   | 2843        | 2989        | -371         | -239                 | 9286                    | 951                         | 9331                            | 1846                    | 12083                          | 50.11         |
| 18                 | 1802        | 1115  | 587   | 3504  | 1091  | 962   | 942   | 2942        | 3174        | -371         | -264                 | 9409                    | 1095                        | 9456                            | 1844                    | 12348                          | 50.04         |
| 19                 | 1784        | 1801  | 585   | 4170  | 1183  | 902   | 943   | 3195        | 3145        | -371         | -378                 | 9965                    | 1575                        | 10013                           | 1952                    | 13492                          | 49.94         |
| 20                 | 1846        | 2524  | 580   | 4950  | 1189  | 901   | 943   | 3275        | 3254        | -371         | -437                 | 10800                   | 1754                        | 10846                           | 2115                    | 14669                          | 49.84         |
| 21                 | 1779        | 2319  | 590   | 4688  | 1193  | 882   | 921   | 3294        | 3240        | -371         | -381                 | 10548                   | 1764                        | 10594                           | 2127                    | 14439                          | 49.89         |
| 22                 | 1752        | 2199  | 589   | 4540  | 1213  | 817   | 922   | 3299        | 3190        | -371         | -401                 | 10303                   | 1764                        | 10349                           | 2129                    | 14196                          | 50.05         |
| 23                 | 1758        | 1745  | 595   | 4098  | 1098  | 831   | 920   | 3349        | 3183        | -420         | -400                 | 9752                    | 1760                        | 9794                            | 2045                    | 13557                          | 49.96         |
| 24                 | 1691        | 999   | 600   | 3290  | 1093  | 812   | 921   | 3319        | 3474        | -395         | -407                 | 9207                    | 1542                        | 9249                            | 1934                    | 12683                          | 50.04         |
| MUs                | 42.93       | 34.65 | 14.22 | 91.80 | 27.77 | 19.00 | 22.64 | 72.06       | 74.15       | -8.84        | -6.93                | 228.49                  | 26.44                       | 229.56                          | 44.62                   | 299.56                         | 50.07         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 04/Sep/2011**

Position as on 6.30 Hrs of 05/Sep/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage             | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                              |               |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.           | 09/09/2011    |
| Chandrapur Unit 4       | 210      | 16/08/2011   | 00.04        |            | Continued. | Annual Overhaul.             | 10/09/2011    |
| Paras Unit 3            | 250      | 19/08/2011   | 16.33        |            | Continued. | Annual Overhaul.             | 20/09/2011    |
| Bhusawal Unit 2         | 210      | 22/08/2011   | 15.27        |            | Continued. | AOH.                         | 22/09/2011    |
| Parli Unit 4            | 210      | 31/08/2011   | 01.07        |            | Continued. | Annual Overhaul.             | 27/09/2011    |
| Cent_Sect NTPC(V-6)     | 210      | 03/09/2011   | 00:06        |            | Continued. | AOH.                         | 28/09/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                              |               |
| Parli Unit 3            | 210      | 02/08/2011   | 12.43        |            | Continued. | Hydrogen leakage.            | 05/09/2011    |
| CPP WPCL U-1            | 135      | 19/08/2011   | 00.48        |            | Continued. | Maintenance work.            | 06/09/2011    |
| Khaparkheda Unit 5      | 500      | 27/08/2011   | 22.51        |            | Continued. | High Drum Level              |               |
| Nasik Unit 5            | 210      | 28/08/2011   | 22.45        |            | Continued. | Furnace Pressure High.       | 05/09/2011    |
| Dabhol 2A               | 230      | 31/08/2011   | 10.25        |            | Continued. | No gas control value problem | 06/09/2011    |
| Chandrapur Unit 2       | 210      | 02/09/2011   | 12.38        |            | Continued. | Drum level low.              | 05/09/2011    |
| Tata Trombay 8          | 250      | 02/09/2011   | 23.28        |            | Continued. | Economiser Tube Leakage.     | 05/09/2011    |
| Cent_Sect Tarapur 1     | 80       | 03/09/2011   | 00.54        | 04/09/2011 | 13.45      | Electrical problem           |               |
| Chandrapur Unit 7       | 500      | 03/09/2011   | 12.19        |            | Continued. | Wet Coal problem.            | 05/09/2011    |
| Bhusawal Unit 3         | 210      | 03/09/2011   | 12.39        |            | Continued. | Drum level high.             | 05/09/2011    |
| Parli Unit 7            | 250      | 03/09/2011   | 13.23        |            | Continued. | M.S.Temp.Low                 | 05/09/2011    |
| Koradi Unit 5           | 200      | 03/09/2011   | 16.46        |            | Continued. | I.D Fan problem.             | 05/09/2011    |
| Cent_Sect NTPC(K-6)     | 500      | 03/09/2011   | 18.26        | 04/09/2011 | 17.12      | Boiler tube leakage.         |               |
| Chandrapur Unit 3       | 210      | 03/09/2011   | 23.25        | 04/09/2011 | 18.23      | Coal mill problem.           |               |
| Nasik Unit 4            | 210      | 04/09/2011   | 10.25        | 04/09/2011 | 11.32      | Furnace Pressure Low         |               |
| Koradi Unit 6           | 210      | 04/09/2011   | 15.09        | 04/09/2011 | 16.24      | Furnace Pressure High        |               |
| Koradi Unit 6           | 210      | 04/09/2011   | 17.28        | 04/09/2011 | 19.24      | Furnace Pressure High        |               |
| Koyna ST - IV 3         | 250      | 04/09/2011   | 20.20        | 05/09/2011 | 00.03      | Low Oil Level                |               |
| Chandrapur Unit 3       | 210      | 04/09/2011   | 20.26        |            | Continued. | Wet Coal Problem             |               |
| Khaparkheda Unit 3      | 210      | 05/09/2011   | 00.01        |            | Continued. | Furnace Pressure Low         |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Sep/2011**

Position as on 6.30 Hrs of 05/Sep/2011

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                            |
|-------------------------------------|--------------|--------------|-----------------------------------|--------------------|-------------------------------------------------------------|
| <b>InterState</b>                   |              |              |                                   |                    |                                                             |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                             |
| Akola - Aurangabad - II             | 26/08/2011   | 21.28        |                                   | Continued.         | Over Voltage                                                |
| Akola - Wardha - II                 | 27/08/2011   | 03.20        |                                   | Continued.         | Over Voltage                                                |
| Kolhapur - Mapusa - II              | 27/08/2011   | 22.09        |                                   | Continued.         | Over Voltage                                                |
| Solapur - Solapur (PG)              | 03/09/2011   | 10.37        |                                   | Continued.         | Over voltage.                                               |
| Dhule-Khandwa-II                    | 03/09/2011   | 16.27        |                                   | Continued.         | Over Voltage                                                |
| Dhule-S'Sarovar I                   | 04/09/2011   | 04.20        |                                   | Continued.         | Over Voltage.                                               |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                             |
| Akola - Wardha - I                  | 28/08/2011   | 04.20        |                                   | Continued.         | Over Voltage                                                |
| Karad - Solapur (PGCIL)             | 03/09/2011   | 09.06        |                                   | Continued.         | Over voltage.                                               |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                             |
| PADGHA-BOISER (PGCIL)               | 03/09/2011   | 19.27        | 04/09/2011                        | 01.17              | Distance protection.                                        |
| Nasik-Navsari-I                     | 04/09/2011   | 06.58        | 04/09/2011                        | 07.41              | Distance Protection                                         |
| Nasik-Navsari -II                   | 04/09/2011   | 06.58        | 04/09/2011                        | 07.46              | Distance Protection                                         |
| <b>IntraState</b>                   |              |              |                                   |                    |                                                             |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                             |
| Babaleshwar - Chalisgaon            | 15/12/2010   | 13.42        |                                   | Continued.         | Conversion of S/C to D/C(8 MonthOutage)                     |
| 220/132 KV 100 MVA ICT-I @ Chikhli. | 30/07/2011   | 11.45        |                                   | Continued.         | Replacement by 200 MVA ICT.Up to 10.09.2011.                |
| 220/132 KV 250 MVA ICT at Ambazari  | 05/08/2011   | 10.41        |                                   | Continued.         | ICT is to be replaced by 200 MVA ICT Upto 10.9.11.          |
| Chalisgaon - Malegaon               | 02/09/2011   | 08.56        |                                   | Continued.         | Replacement of line and Transfer bus isolator.              |
| Badnera - Akola - I                 | 04/09/2011   | 09.05        | 04/09/2011                        | 12.06              | To attend Hot Spot on R Phase Isolator(Ckt is on TBC)       |
| Nasik - Ghatghar                    | 04/09/2011   | 09.45        | 04/09/2011                        | 17.39              | Replacement of String Insulator                             |
| Dhule-Chalisgaon                    | 04/09/2011   | 10.05        |                                   | Continued.         | Bus side Isolator replacement work(Ckt charged Through TBC) |
| Borivali-Tata Borivali 4            | 04/09/2011   | 10.34        | 04/09/2011                        | 14.00              | Red Hot on B&C phase vertical droffer                       |
| Babaleshwar - Bhenda                | 04/09/2011   | 12.00        | 04/09/2011                        | 14.00              | ICT-III commissioning work                                  |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                             |
| Main Bus-I at Bhusawal-I            | 27/08/2011   | 13.08        |                                   | Continued.         | Bus and Line Isolator repl.work                             |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                             |
| Karad-Kolhapur-II                   | 29/08/2011   | 16.20        |                                   | Continued.         | Over Voltage.                                               |
| Akola - Bhusawal                    | 01/09/2011   | 21.52        |                                   | Continued.         | Over Voltage.                                               |
| Bhusawal- Aurangabad                | 03/09/2011   | 13.32        |                                   | Continued.         | Over Voltage                                                |
| Chandrapur - Parli - III            | 03/09/2011   | 21.46        |                                   | Continued.         | Over voltage.                                               |
| Lonikand- Koyna Stage IV            | 04/09/2011   | 22.55        |                                   | Continued.         | Over Voltage                                                |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                             |
| Padgha-Temghar I                    | 20/08/2011   | 15.18        |                                   | Continued.         | To Control Padgha ICT Load                                  |
| Padgha - Temghar - II               | 25/08/2011   | 11.50        |                                   | Continued.         | To control Padgha ICT Load                                  |
| Chandrapur - Warora                 | 02/09/2011   | 12.47        | 05/09/2011                        | 00.05              | To control WRR-WRD Hinganghat loading.                      |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                             |
| 400/220KV 105 MVA                   | 22/08/2011   | 13.50        |                                   | Continued.         | To Remove Trip Coil Assembly for Bus                        |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Sep/2011**

Position as on 6.30 Hrs of 05/Sep/2011

| Name of Line                      | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                       |
|-----------------------------------|--------------|--------------|----------------------------|--------------------|--------------------------------------------------------|
| Spare ICT at Parly II             |              |              |                            |                    | Coupler.                                               |
| Koradi - Akola                    | 04/09/2011   | 00.34        | 04/09/2011                 | 07.58              | Over Voltage                                           |
| Koyna IV - Jejuri                 | 04/09/2011   | 01.07        | 04/09/2011                 | 10.21              | Over Voltage                                           |
| <b>Voltage Level : 220KV</b>      |              |              | <b>Outage Type</b> TRIPPED |                    |                                                        |
| 220/100KV 200MVA ICT-III at Kalwa | 03/04/2011   | 16.00        |                            | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed). |
| Pedambe-Kharepatan                | 05/09/2011   | 03.45        |                            | Continued.         | Distance Protection(Declared Faulty)                   |
| Pophali - Kandalgaon              | 05/09/2011   | 05.45        | 05/09/2011                 | 06.30              | Distance Protection                                    |
| <b>Voltage Level : 132KV</b>      |              |              | <b>Outage Type</b> TRIPPED |                    |                                                        |
| Paras - Warwat Bakal              | 03/09/2011   | 17.01        | 04/09/2011                 | 11.23              | Distance Protection                                    |
| Dhule-Nardhane                    | 03/09/2011   | 17.04        | 04/09/2011                 | 03.53              | Distance Protection                                    |
| Dondaicha - Nandurbar             | 04/09/2011   | 04.10        | 04/09/2011                 | 18.10              | Distance Protection                                    |
| Pusad - Umarkhed                  | 05/09/2011   | 00.20        | 05/09/2011                 | 00.27              | Distance Protection                                    |
| Daund-Shrigonda                   | 05/09/2011   | 05.10        | 05/09/2011                 | 05.20              | Distance Protection                                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 05/Sep/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 0           |
| Unit 6             | 210                   | 102         |
| Unit 7             | 210                   | 120         |
|                    | <b>620</b>            | <b>222</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>0</b>    |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 120         |
| Unit 6             | 250                   | 110         |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>230</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 100         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 0           |
| Unit 5             | 500                   | 250         |
| Unit 6             | 500                   | 230         |
| Unit 7             | 500                   | 0           |
|                    | <b>2340</b>           | <b>580</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 0           |
| Unit 4             | 250                   | 90          |
|                    | <b>500</b>            | <b>90</b>   |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 110         |
| Unit 2             | 210                   | 110         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 110         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>330</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   |             |
| Unit 2             | 120                   |             |
| Unit 3             | 210                   | 102         |
| Unit 4             | 210                   | 122         |
| Unit 5             | 210                   | 0           |
|                    | <b>870</b>            | <b>224</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 590         |
|                    | <b>852</b>            | <b>590</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1280        |
|                    | <b>1940</b>           | <b>1280</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>       |                       |             |
| KDPH               | 40                    | 36          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 8           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 20          |
| BHANDARDRA        | 45                    | 26          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>300</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                     |             |
| Khandke           | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| JSW JAIGAD        | 600                   | 815         |
| WARDHA            | 405                   | 260         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>1075</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                   | 150         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1777</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3545        |
|                   | <b>3455</b>           | <b>3545</b> |