



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**16/Oct/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 16/Oct/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                | 97.984         | 1317.560        | 1) Madhya Pradesh              | 56.703         | 817.860         |
| 2) Hydro                  | 5.148          | 404.337         | 2) Gujrat                      | 28.905         | 570.075         |
| 3) Gas                    | 15.067         | 237.391         | 3) Goa                         | -6.100         | -93.839         |
| <b>Total MSGENCO</b>      | <b>118.199</b> | <b>1959.288</b> | 4) TAPS 1&2 (Inj.)             | 7.703          | 107.310         |
| <b>B) OTHERS</b>          |                |                 | 5) Pench (Excess)              | -0.505         | -9.227          |
| 1) RGPPL Gas              | 34.777         | 549.427         | <b># Total Cent. Sector</b>    | <b>86.706</b>  | <b>1392.179</b> |
| 2) Wind Generation        | 3.124          | 41.554          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                    | 29.811         | 522.623         | 1) With TPCL (Excess)          | -7.625         | -148.621        |
| 4) PENCH (MS)             | 0.505          | 10.020          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) MSEDCL Bilateral            | 25.567         | 492.258         |
| 1) TPCL Thermal           | 26.339         | 478.052         | Include PX                     | 0.000          | 175.412         |
| 2) TPCL Hydro             | 1.087          | 59.226          | 2) MUMBAI Bilateral            | 9.809          | 184.047         |
| <b>TOTAL TPCL</b>         | <b>27.426</b>  | <b>537.278</b>  | Include PX                     | 0.256          | 15.900          |
| 3) REL Thermal            | 11.819         | 199.879         | 3) MUMBAI Schedule             | 10.159         | 185.072         |
| <b>D) STATE</b>           |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 136.142        | 1995.491        | 1) MSEDCL                      | 265.497        | 4326.470        |
| 2) Hydro (A2+B3+C2)       | 6.740          | 473.583         | 2) TPCL                        | 30.995         | 588.810         |
| 3) Gas (A3+B1)            | 49.844         | 786.818         | 3) REL                         | 15.872         | 296.949         |
| 4) Wind (B2)              | 3.124          | 41.554          | <b>TOTAL STATE</b>             | <b>312.364</b> | <b>5212.229</b> |
| 5) CPP (B3)               | 29.811         | 522.623         |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>225.661</b> | <b>3820.069</b> |                                |                |                 |

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

| <b>PARTICULARS</b>               | <b>A. Morning Peak at 12 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                  | 4091                             | 4216                             | 3894                             |
| MSGENCO Hydro                    | 540                              | 420                              | 161                              |
| MSGENCO Gas                      | 607                              | 626                              | 635                              |
| <b>MSGENCO Total Generation</b>  | <b>5238</b>                      | <b>5262</b>                      | <b>4690</b>                      |
| <b>Central Sector Receipt</b>    | <b>4107</b>                      | <b>4136</b>                      | <b>3399</b>                      |
| <b>RGPPL</b>                     | <b>1439</b>                      | <b>1440</b>                      | <b>1521</b>                      |
| <b>WIND</b>                      | <b>28</b>                        | <b>146</b>                       | <b>162</b>                       |
| <b>CPP</b>                       | <b>1222</b>                      | <b>1324</b>                      | <b>1133</b>                      |
| <b>Exchange with Mumbai</b>      | <b>-287</b>                      | <b>-362</b>                      | <b>-296</b>                      |
| <b>MSEDCL DEMAND MET</b>         | <b>11747</b>                     | <b>11946</b>                     | <b>10648</b>                     |
| <b>Load Shedding (LS)</b>        | <b>1676</b>                      | <b>866</b>                       | <b>361</b>                       |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>13423</b>                     | <b>12812</b>                     | <b>11009</b>                     |
| <b>TPCL GENERATION</b>           | <b>1258</b>                      | <b>1261</b>                      | <b>1069</b>                      |
| <b>REL GENERATION</b>            | <b>525</b>                       | <b>525</b>                       | <b>313</b>                       |
| <b>TPCL+REL DEMAND</b>           | <b>2070</b>                      | <b>2148</b>                      | <b>1678</b>                      |
| <b>STATE DEMAND MET</b>          | <b>13817</b>                     | <b>14094</b>                     | <b>12326</b>                     |
| <b>Load Management (LM)</b>      | <b>1641</b>                      | <b>3117</b>                      | <b>1656</b>                      |
| <b>Total Load Relief (LS+LM)</b> | <b>3317</b>                      | <b>3983</b>                      | <b>2017</b>                      |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>17134</b>                     | <b>18077</b>                     | <b>14343</b>                     |
| <b>Frequency (Hz)</b>            | <b>49.71</b>                     | <b>49.79</b>                     | <b>49.72</b>                     |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49.2 Hz</b> |
|------------------------------|------------------------------|----------------------|----------------------------|
| <b>50.36 Hz at 16:04 Hrs</b> | <b>49.33 Hz at 22:30 Hrs</b> | <b>49.74</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 16/Oct/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.71        | 52.11         | 165      | 142      | 160      |
| Unit 6           | 3.74        | 40.49         | 172      | 128      | 153      |
| Unit 7           | 0.00        | 22.85         | 0        | 0        | 0        |
|                  | 7.45        | 115.45        |          |          | 313      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.60        | 56.66         | 170      | 100      | 150      |
| Unit 4           | 1.66        | 2.92          | 176      | 0        | 0        |
|                  | 5.25        | 59.58         |          |          | 150      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.15        | 50.02         | 146      | 115      | 130      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 2.42        | 48.63         | 123      | 89       | 100      |
| Unit 6           | 3.79        | 61.62         | 212      | 126      | 145      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 9.36        | 160.27        |          |          | 375      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.88        | 60.63         | 168      | 155      | 160      |
| Unit 2           | 3.20        | 50.31         | 142      | 127      | 130      |
| Unit 3           | 4.32        | 65.40         | 185      | 163      | 185      |
| Unit 4           | 3.33        | 4.02          | 172      | 103      | 150      |
| Unit 5           | 9.72        | 119.12        | 445      | 315      | 430      |
| Unit 6           | 9.09        | 117.63        | 425      | 290      | 400      |
| Unit 7           | 10.71       | 125.69        | 471      | 358      | 450      |
|                  | 44.24       | 542.80        |          |          | 1905     |
| Paras            |             |               |          |          |          |
| Unit 3           | 3.85        | 45.47         | 175      | 152      | 150      |
| Unit 4           | 0.77        | 24.87         | 113      | 0        | 0        |
|                  | 4.62        | 70.34         |          |          | 150      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.16        | 55.21         | 190      | 165      | 160      |
| Unit 2           | 4.10        | 41.30         | 179      | 162      | 170      |
| Unit 3           | 3.95        | 60.19         | 171      | 161      | 170      |
| Unit 4           | 2.78        | 60.91         | 204      | 0        | 0        |
| Unit 5           | 2.83        | 18.72         | 152      | 64       | 0        |
|                  | 17.82       | 236.32        |          |          | 500      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 3.40        | 47.39         | 190      | 70       | 160      |
| Unit 4           | 3.00        | 39.31         | 165      | 44       | 160      |
| Unit 5           | 2.84        | 46.10         | 153      | 64       | 150      |
|                  | 9.24        | 132.80        |          |          | 470      |
| Uran             |             |               |          |          |          |
| All Units        | 15.07       | 237.39        | 652      | 606      | 620      |
|                  | 15.07       | 237.39        |          |          | 620      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 34.78       | 549.43        | 1522     | 1391     | 0        |
|                  | 34.78       | 549.43        |          |          | 0        |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.06        | 115.23        | 290      | 35       | 600      |
| Stage 4          | 1.69        | 191.35        | 469      | 0        | 250      |
| Stage 3          | 0.30        | 65.53         | 80       | 0        | 320      |
|                  | 4.04        | 372.10        |          |          | 1170     |
| Kovna 12&4 Total | 3.75        | 306.58        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.00        | 1.40          | 0        | 0        | 0        |
| VTRNA           | 0.00        | 0.89          | 0        | 0        | 60       |
| TILLARI         | 0.36        | 6.56          | 60       | 0        | 60       |
| BHTGR/VEER      | 0.04        | 1.89          | 2        | 1        | 2        |
| BHIRA T.R.      | 0.27        | 4.88          | 41       | 0        | 41       |
| RNGR+BHTSA      | 0.31        | 4.95          | 15       | 0        | 16       |
| BHANDARDRA      | 0.00        | 2.20          | 0        | 0        | 0        |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 0.13        | 8.20          | 14       | 2        | 11       |
| GHATGHAR        | 0.00        | 1.27          | 0        | 0        | 0        |
|                 | 1.10        | 32.23         |          |          | 190      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.50        | 10.02         | 53       | 0        | 0        |
|                 | 0.50        | 10.02         |          |          | 0        |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.06        | 2.34          |          |          |          |
| Vankuswadi      | 0.26        | 4.60          |          |          |          |
| ATIT            | 0.02        | 0.60          |          |          |          |
| Kale            | 0.06        | 1.39          |          |          |          |
| Satara          | 0.43        | 5.29          |          |          |          |
| Shirala         | 0.12        | 1.52          |          |          |          |
| K Mahankal      | 0.01        | 2.02          |          |          |          |
| Supa            | 0.11        | 1.33          |          |          |          |
| Vita            | 0.22        | 5.17          |          |          |          |
| Dondaicha       | 1.22        | 9.72          |          |          |          |
| Sakri           | 0.14        | 1.48          |          |          |          |
| Nandurbar       | 0.16        | 1.20          |          |          |          |
| Khandke         | 0.15        | 3.26          |          |          |          |
| Khaparale       | 0.16        | 1.66          |          |          |          |
|                 | 3.12        | 41.55         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 16.43       | 305.01        | 763      | 500      | 800      |
| WARDHA          | 8.64        | 145.76        | 433      | 231      | 433      |
| Other CPPs      | 4.73        | 71.85         |          |          |          |
|                 | 29.81       | 522.62        |          |          | 1233     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.31       | 185.81        | 490      | 340      | 500      |
| Trombay 6       | 4.92        | 134.17        | 240      | 155      | 250      |
| Trombay 7A      | 2.72        | 40.95         | 124      | 89       | 120      |
| Trombay 7B      | 1.51        | 23.64         | 66       | 56       | 60       |
| Trombay 8       | 5.88        | 93.48         | 246      | 244      | 250      |
| TATA Hydro      | 1.09        | 59.23         | 231      | 0        | 447      |
|                 | 27.43       | 537.28        |          |          | 1627     |
| REL             |             |               |          |          |          |
| 1&2             | 11.82       | 199.88        | 526      | 259      | 500      |
|                 | 11.82       | 199.88        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 4986     |
|                 |             |               |          |          | 4986     |

|                |          |        |         |  |       |
|----------------|----------|--------|---------|--|-------|
| MS<br>PG<br>CL | Thermal  | 97.98  | 1317.56 |  | 3863  |
|                | Thml+Gas | 113.05 | 1554.95 |  | 4483  |
|                | Hydro    | 5.15   | 404.34  |  | 1360  |
|                | Total    | 118.20 | 1959.29 |  | 5843  |
| State Total    |          | 225.66 | 3820.07 |  | 14189 |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 16/Oct/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                  | 3872        | 505  | 632   | 5009   | 1439  | 215  | 1131  | 3033        | 3600        | -455         | -626                 | 10817                   | 2222                        | 10921                           | 1970                    | 15009                          | 49.70         |
| 2                  | 3836        | 377  | 633   | 4846   | 1501  | 189  | 1129  | 2918        | 3476        | -486         | -486                 | 10704                   | 2307                        | 11005                           | 1798                    | 14809                          | 49.68         |
| 3                  | 3894        | 161  | 635   | 4690   | 1521  | 162  | 1133  | 2876        | 3399        | -536         | -296                 | 10648                   | 2017                        | 11009                           | 1678                    | 14343                          | 49.72         |
| 4                  | 3955        | 83   | 634   | 4672   | 1521  | 128  | 1213  | 2850        | 3331        | -330         | -102                 | 10788                   | 2169                        | 11211                           | 1626                    | 14583                          | 49.64         |
| 5                  | 3938        | 153  | 630   | 4721   | 1521  | 149  | 1195  | 2835        | 3521        | -289         | -182                 | 10950                   | 2205                        | 11381                           | 1636                    | 14791                          | 49.67         |
| 6                  | 4030        | 302  | 625   | 4957   | 1522  | 175  | 1176  | 2825        | 3621        | -279         | -162                 | 11313                   | 2404                        | 11907                           | 1663                    | 15380                          | 49.65         |
| 7                  | 4077        | 434  | 640   | 5151   | 1391  | 179  | 1156  | 2931        | 3339        | -282         | -155                 | 11086                   | 3234                        | 12474                           | 1676                    | 15996                          | 49.72         |
| 8                  | 4196        | 109  | 640   | 4945   | 1391  | 142  | 1179  | 2933        | 2686        | -249         | -180                 | 10188                   | 3740                        | 11873                           | 1705                    | 15633                          | 49.84         |
| 9                  | 4172        | 59   | 627   | 4858   | 1392  | 83   | 1151  | 2989        | 2790        | -255         | -237                 | 10044                   | 3786                        | 11732                           | 1806                    | 15636                          | 49.69         |
| 10                 | 4139        | 137  | 623   | 4899   | 1427  | 43   | 1152  | 3195        | 3580        | -337         | -312                 | 10789                   | 3696                        | 12633                           | 1948                    | 16433                          | 49.72         |
| 11                 | 4093        | 181  | 609   | 4883   | 1439  | 19   | 1142  | 3279        | 4197        | -394         | -340                 | 11340                   | 3348                        | 13073                           | 2059                    | 16747                          | 49.68         |
| 12                 | 4091        | 540  | 607   | 5238   | 1439  | 28   | 1222  | 3296        | 4107        | -378         | -287                 | 11747                   | 3317                        | 13423                           | 2070                    | 17134                          | 49.71         |
| 13                 | 4195        | 667  | 607   | 5469   | 1440  | 30   | 1272  | 3297        | 3732        | -428         | -340                 | 11603                   | 3390                        | 13351                           | 2125                    | 17118                          | 49.69         |
| 14                 | 4117        | 193  | 606   | 4916   | 1439  | 43   | 1312  | 3317        | 4064        | -459         | -318                 | 11456                   | 3284                        | 13186                           | 2105                    | 16845                          | 49.78         |
| 15                 | 4043        | 67   | 607   | 4717   | 1439  | 190  | 1330  | 3294        | 4036        | -439         | -315                 | 11397                   | 3321                        | 13246                           | 2084                    | 16802                          | 49.76         |
| 16                 | 4088        | 67   | 615   | 4770   | 1439  | 259  | 1326  | 3226        | 3493        | -439         | -324                 | 10963                   | 3564                        | 13092                           | 2072                    | 16599                          | 49.78         |
| 17                 | 4157        | 62   | 621   | 4840   | 1439  | 252  | 1313  | 3280        | 3558        | -439         | -347                 | 11055                   | 3093                        | 12575                           | 2051                    | 16199                          | 49.94         |
| 18                 | 4199        | 62   | 622   | 4883   | 1440  | 81   | 1319  | 3291        | 3681        | -439         | -334                 | 11070                   | 2775                        | 11980                           | 2033                    | 15878                          | 49.85         |
| 19                 | 4216        | 420  | 626   | 5262   | 1440  | 146  | 1324  | 3398        | 4136        | -516         | -362                 | 11946                   | 3983                        | 12812                           | 2148                    | 18077                          | 49.79         |
| 20                 | 4105        | 208  | 635   | 4948   | 1440  | 116  | 1326  | 3611        | 4045        | -546         | -333                 | 11569                   | 3941                        | 12307                           | 2234                    | 17744                          | 49.85         |
| 21                 | 4233        | 180  | 641   | 5054   | 1440  | 143  | 1326  | 3640        | 3509        | -546         | -439                 | 11086                   | 3719                        | 11619                           | 2232                    | 17037                          | 49.80         |
| 22                 | 4269        | 95   | 650   | 5014   | 1439  | 137  | 1330  | 3613        | 3470        | -546         | -453                 | 10990                   | 3336                        | 11157                           | 2122                    | 16448                          | 49.76         |
| 23                 | 4117        | 43   | 650   | 4810   | 1439  | 114  | 1326  | 3376        | 3774        | -545         | -395                 | 11121                   | 3274                        | 11227                           | 2062                    | 16457                          | 49.62         |
| 24                 | 3952        | 43   | 652   | 4647   | 1439  | 101  | 1328  | 3261        | 3561        | -545         | -300                 | 10827                   | 2968                        | 10911                           | 1967                    | 15762                          | 49.65         |
| MUs                | 97.98       | 5.15 | 15.07 | 118.20 | 34.78 | 3.12 | 29.81 | 76.56       | 86.71       | -10.16       | -7.62                | 265.50                  | 75.09                       | 290.10                          | 46.87                   | 387.46                         | 49.74         |

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 16/Oct/2011**

Position as on 6.30 Hrs of 17/Oct/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                         | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                          |               |
| Bhusawal Unit 2         | 210      | 22/08/2011   | 13:13        | 17/10/2011 | 01.30      | Annual overhaul.                         |               |
| Parli Unit 4            | 210      | 31/08/2011   | 01.07        | 17/10/2011 | 01.08      | Annual Overhaul.                         |               |
| Dabhol 1B               | 230      | 05/09/2011   | 23.57        |            | Continued. | Generator Inspection                     | 18/10/2011    |
| Cent_Sect NTPC(K-4)     | 500      | 08/09/2011   | 14.26        |            | Continued. | Annual Overhaul                          | 18/10/2011    |
| Parli Unit 7            | 250      | 24/09/2011   | 18.53        |            | Continued. | Main steam temp.low.                     |               |
| Koradi Unit 7           | 210      | 08/10/2011   | 23.43        |            | Continued. | Annual overhaul.                         | 03/11/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                          |               |
| Koyna ST-IV 2           | 250      | 06/10/2011   | 21.30        | 16/10/2011 | 19.30      | Servo motor problem.                     |               |
| CPP JSW (J) U3          | 300      | 10/10/2011   | 06.25        |            | Continued. | Colling water pump problem               |               |
| Cent_Sect NTPC(V-8)     | 500      | 13/10/2011   | 04:45        | 16/10/2011 | 12.53      | Boiler Tube Leakage.                     |               |
| Bhusawal Unit 4         | 500      | 13/10/2011   | 23:33        | 16/10/2011 | 05:00      | Tripped.                                 |               |
| Paras Unit 4            | 250      | 15/10/2011   | 10.05        | 16/10/2011 | 16.00      | CHP reversible shuttle replacement work. |               |
| Khaparkheda Unit 4      | 210      | 15/10/2011   | 12.53        | 16/10/2011 | 06.50      | Drum level low.                          |               |
| Cent_Sect NTPC(V-4)     | 210      | 15/10/2011   | 13.10        |            | Continued. | G.T.Fire                                 |               |
| Koyna ST - IV 4         | 250      | 15/10/2011   | 14.22        | 16/10/2011 | 05.07      | Governer safety valve problem.           |               |
| REL 1                   | 250      | 15/10/2011   | 23.59        | 16/10/2011 | 02.29      | Tripped.                                 |               |
| CPP WPCL U-3            | 135      | 16/10/2011   | 03.02        | 16/10/2011 | 06:55      | Due to tripping of Wardha-Warora-II.     |               |
| CPP WPCL U-4            | 135      | 16/10/2011   | 03.02        | 16/10/2011 | 11:25      | Due to tripping of Wardha-Warora-II.     |               |
| CPP WPCL U-3            | 135      | 16/10/2011   | 07:55        | 16/10/2011 | 10:24      | Furnace pressure high.                   |               |
| Bhusawal Unit 4         | 500      | 16/10/2011   | 14:00        | 16/10/2011 | 16.42      | Tripped.                                 |               |
| Bhusawal Unit 4         | 500      | 17/10/2011   | 03.55        |            | Continued. | Hand Tripped                             |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Oct/2011**

Position as on 6.30 Hrs of 17/Oct/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>   |                    |                                                      |
| Parli-Parli (PGCIL)-II                  | 08/10/2011   | 19.20        |                                   | Continued.         | H/T due to CVT fuse blown off at PGCIL end.          |
| Dhule - S'Sarovar- II                   | 13/10/2011   | 23:37        | 16/10/2011                        | 10.19              | Over Voltage.                                        |
| Kolhapur - Mapusa - I                   | 16/10/2011   | 00.27        | 16/10/2011                        | 14.07              | Over Voltage                                         |
| Karad - Solapur (PGCIL)                 | 16/10/2011   | 07.26        |                                   | Continued.         | Over Voltage                                         |
| Akola - Wardha - I                      | 16/10/2011   | 22.10        |                                   | Continued.         | Over Voltage                                         |
| Kolhapur - Mapusa - II                  | 16/10/2011   | 22.38        |                                   | Continued.         | Over Voltage                                         |
| Dhule-Sar'Sarovar - I                   | 17/10/2011   | 00.10        |                                   | Continued.         | Over Voltage                                         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                      |
| Nasik-Navsari-I                         | 15/10/2011   | 20.45        |                                   | Continued.         | Distance protection.Declared faulty.                 |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                      |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                      |
| Koradi - Bhusawal                       | 13/10/2011   | 01.17        | 16/10/2011                        | 12.30              | Taken on TBC Due to Trip Ckt Supervision Problem.    |
| <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 250 MVA ICT at Ambazari      | 05/08/2011   | 10.41        |                                   | Continued.         | ICT is to be replaced by 200 MVA ICT Upto 15.10.2011 |
| Kalwa-Mulund-I                          | 14/10/2011   | 16.07        |                                   | Continued.         | Taken on TBC for replacement of 29A isolator.        |
| Trombay - Tata Tie - I                  | 16/10/2011   | 09.36        | 16/10/2011                        | 18.31              | CVT Testing work                                     |
| Trombay - Tifil                         | 16/10/2011   | 11.34        | 16/10/2011                        | 19.06              | Relay testing                                        |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                      |
| Kharghar-Nerul                          | 16/10/2011   | 08.19        | 16/10/2011                        | 11.10              | Hot Spot                                             |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                      |
| Karad - Kolhapur - I                    | 08/10/2011   | 17.22        |                                   | Continued.         | To control Over Voltage.                             |
| Bhusawal- Aurangabad                    | 15/10/2011   | 19.59        | 16/10/2011                        | 04.55              | For Over Voltage.                                    |
| Karad-Jaigad II                         | 16/10/2011   | 03.28        | 16/10/2011                        | 09.22              | Hot spot attending work.                             |
| Bhusawal- Aurangabad                    | 16/10/2011   | 21.09        |                                   | Continued.         | Over Voltage                                         |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b>   |                    |                                                      |
| Vita - Lamboti                          | 10/10/2011   | 19.57        | 16/10/2011                        | 06.10              | H/T from Vita end To control voltage                 |
| Chandrapur - Warora                     | 12/10/2011   | 19.56        |                                   | Continued.         | For System Stabily.                                  |
| Abhijeet-Wardha-I                       | 15/10/2011   | 17.47        | 16/10/2011                        | 07.38              | To control Koradi ICT loading.                       |
| Abhijeet - Wardha ckt - II              | 15/10/2011   | 17.48        | 16/10/2011                        | 07.38              | To control Koradi ICT loading.                       |
| Bale-Murud                              | 16/10/2011   | 05.08        |                                   | Continued.         | To control Parli ICT loading.                        |
| Bale-Osmanbad                           | 16/10/2011   | 05.08        |                                   | Continued.         | To control Parli ICT loading                         |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                      |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/08/2011   | 13.50        |                                   | Continued.         | To Remove Trip Coil Assembly for Bus Coupler.        |
| 400/220KV,500 MVA ICT-III at Nagothane. | 29/09/2011   | 15.20        |                                   | Continued.         | NDR.                                                 |
| 400/220KV,100 MVA Spare Unit at Korady  | 04/10/2011   | 10.50        |                                   | Continued.         | Buchholz Alarm Recieved.                             |
| Bableswhar-Aurangabad                   | 16/10/2011   | 08.00        | 16/10/2011                        | 09.50              | Over Voltage                                         |
| Dabhol - NewKoyna - II                  | 16/10/2011   | 16.09        | 16/10/2011                        | 16.41              | Transient Fault                                      |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Oct/2011**

Position as on 6.30 Hrs of 17/Oct/2011

| Name of Line                       | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                              |
|------------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------------------|
| <b>Voltage Level : 220KV</b>       |              |              | <b>Outage Type</b> TRIPPED |                    |                                               |
| Uran-Apta-I                        | 15/10/2011   | 16.53        | 16/10/2011                 | 00.15              | Distance protection.                          |
| Wardha Power - Warora - II         | 16/10/2011   | 03.02        | 16/10/2011                 | 05.25              | Distance protection.                          |
| Badnera-Akola Ckt.I                | 16/10/2011   | 09.41        | 16/10/2011                 | 09.58              | Distance Protection                           |
| Karad-Wathar                       | 16/10/2011   | 11.36        | 16/10/2011                 | 16.52              | Y Phase LA Burst                              |
| Lonikand-Bhosari                   | 16/10/2011   | 14.12        | 16/10/2011                 | 14.46              | Distance Protection                           |
| Pedambe-Mahad                      | 16/10/2011   | 16.37        |                            | Continued.         | Distance Protection                           |
| Nasik-Bablsr - I                   | 16/10/2011   | 17.27        | 16/10/2011                 | 17.47              | Distance Protection                           |
| Nivali-Pawas                       | 16/10/2011   | 17.42        | 16/10/2011                 | 18.14              | Distance Protection                           |
| Phinolex-Kharepatan                | 16/10/2011   | 18.08        | 16/10/2011                 | 19.42              | Distance Protection                           |
| Aurangabad - Padegaon - II         | 16/10/2011   | 18.58        |                            | Continued.         | R Phase Conductor Snapped                     |
| Jambhul - Anandnagar               | 16/10/2011   | 19.55        | 16/10/2011                 | 21.28              | Distance Protection                           |
| 220/22KV 200MVA ICT -IV at Pal     | 16/10/2011   | 19.55        | 16/10/2011                 | 21.39              | R Phase CC Burst at Jambhul                   |
| 220/22KV 50MVA ICT-II at Pal       | 16/10/2011   | 19.55        | 16/10/2011                 | 21.39              | R Phase CC Burst at Jambhul                   |
| 220/22KV 50 MVA ICT -II at Jambhul | 16/10/2011   | 19.55        | 16/10/2011                 | 21.38              | R Phase CC Burst at Jambhul                   |
| 220/22KV 50 MVA ICT -I at Jambhul  | 16/10/2011   | 19.55        | 16/10/2011                 | 21.38              | R Phase CC Burst at Jambhul                   |
| 220/22KV 50MVA ICT-I at Pal        | 16/10/2011   | 19.55        | 16/10/2011                 | 21.39              | R Phase CC Burst at Jambhul                   |
| 220/22KV 200MVA ICT -III at Pal    | 16/10/2011   | 19.55        | 16/10/2011                 | 21.39              | R Phase CC Burst at Jambhul                   |
| Jambul - Pal                       | 16/10/2011   | 19.55        |                            | Continued.         | R Phase CC Burst                              |
| Anandnagar-Pal                     | 16/10/2011   | 19.55        | 16/10/2011                 | 21.39              | R Phase CC Burst at Jambhul                   |
| 220/22KV 50 MVA T/F-I @ Kolshet    | 16/10/2011   | 20.00        | 16/10/2011                 | 21.23              | Due to Wada-Kolshet and Kamba-Kolshet Tripped |
| Wada-Kolshet                       | 16/10/2011   | 20.00        | 16/10/2011                 | 21.06              | Distance Protection                           |
| Bus Section Breaker @ Kolshet      | 16/10/2011   | 20.00        | 16/10/2011                 | 21.24              | Due to Wada-Kolshet and Kamba-Kolshet Tripped |
| Kolshet-Khamba                     | 16/10/2011   | 20.00        | 16/10/2011                 | 21.07              | Tripped at Kolshet end only                   |
| 220/100 KV 200 MVA ICT-I @ Kolshet | 16/10/2011   | 20.00        | 16/10/2011                 | 21.06              | Due to Wada-Kolshet and Kamba-Kolshet Tripped |
| 220/100KV 200 MVA ICT-II @ Kolshet | 16/10/2011   | 20.00        | 16/10/2011                 | 21.07              | Due to Wada-Kolshet and Kamba-Kolshet Tripped |
| Badnera-Akola Ckt.I                | 16/10/2011   | 20.07        |                            | Continued.         | Y Phase Insulator String Broken               |
| Karad-Pophali                      | 17/10/2011   | 04.07        |                            | Continued.         | Distance Protection                           |
| <b>Voltage Level : 132KV</b>       |              |              | <b>Outage Type</b> TRIPPED |                    |                                               |
| Khapri - Besa                      | 16/10/2011   | 12.50        | 16/10/2011                 | 13.30              | Distance Protection                           |
| Dhule-Nardhane                     | 16/10/2011   | 17.06        | 16/10/2011                 | 17.18              | Distance Protection                           |
| Dhule-Nardhane                     | 16/10/2011   | 17.21        | 16/10/2011                 | 22.31              | Y Phase Conductor Snapped                     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 17/Oct/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 135         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 0           |
|                    | <b>620</b>            | <b>275</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 56          |
| Unit 3             | 210                   | 160         |
| Unit 4             | 500                   |             |
|                    | <b>920</b>            | <b>216</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 142         |
| Unit 4             | 210                   | 70          |
| Unit 5             | 210                   | 125         |
| Unit 6             | 250                   | 170         |
| Unit 7             | 250                   | 0           |
|                    | <b>1130</b>           | <b>507</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 170         |
| Unit 5             | 500                   | 350         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1770</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 107         |
| Unit 4             | 250                   | 101         |
|                    | <b>500</b>            | <b>208</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 175         |
| Unit 2             | 210                   | 175         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 175         |
| Unit 5             | 500                   |             |
|                    | <b>1340</b>           | <b>700</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   |             |
| Unit 2             | 120                   |             |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 150         |
|                    | <b>870</b>            | <b>460</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |
|                    | <b>852</b>            | <b>600</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  |             |
|                    | <b>1940</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                    | 0           |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 1           |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 15          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 11          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>127</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                   | 800         |
| WARDHA            | 405                   | 433         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>1233</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 490         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1867</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 4928        |
|                   | <b>3455</b>           | <b>4928</b> |