



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**16/Oct/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 16/Oct/2010 SATURDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 108.686        | 1679.584        | 1) Madhya Pradesh              | 65.817         | 1046.843        |
| 2) Hydro                 | 3.972          | 97.771          | 2) Gujrat                      | 25.042         | 437.769         |
| 3) Gas                   | 15.728         | 237.551         | 3) Goa                         | -6.799         | -109.530        |
| <b>Total MSGENCO</b>     | <b>128.386</b> | <b>2014.906</b> | 4) TAPS 1&2 (Inj.)             | 4.039          | 97.558          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.988         | -12.339         |
| 1) RGPPL Gas             | 35.877         | 563.490         | <b># Total Cent. Sector</b>    | <b>87.111</b>  | <b>1460.301</b> |
| 2) Wind Generation       | 9.318          | 69.334          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP             | 14.840         | 181.613         | 1) With TPCL (Excess)          | -13.189        | -211.747        |
| 4) PENCH (MS)            | 0.988          | 13.584          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 8.828          | 148.317         |
| 1) TPCL Thermal          | 29.095         | 459.077         | Include PX                     | 1.140          | 37.905          |
| 2) TPCL Hydro            | 1.658          | 24.571          | 2) MUMBAI Bilateral            | 14.096         | 224.216         |
| <b>TOTAL TPCL</b>        | <b>30.753</b>  | <b>483.648</b>  | Include PX                     | 3.816          | 61.351          |
| 3) REL Thermal           | 8.558          | 186.884         | 3) MUMBAI Schedule             | 14.096         | 224.216         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 146.339        | 2325.545        | 1) MSEDCL                      | 263.331        | 4091.481        |
| 2) Hydro (A2+B3+C2)      | 6.618          | 135.926         | 2) TPCL                        | 35.452         | 584.338         |
| 3) Gas (A3+B1)           | 51.605         | 801.041         | 3) REL                         | 17.026         | 297.862         |
| 4) Wind (B2)             | 9.318          | 69.334          | <b>TOTAL STATE</b>             | <b>315.809</b> | <b>4973.681</b> |
| 5) CPP (B3)              | 14.840         | 181.613         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>228.720</b> | <b>3513.459</b> |                                |                |                 |

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

| PARTICULARS                                                                | A. Morning Peak at 11 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4700                      | 4565                      | 4432                      |
| MSGENCO Hydro                                                              | 206                       | 524                       | 60                        |
| MSGENCO Gas                                                                | 665                       | 648                       | 671                       |
| <b>MSGENCO Total Generation</b>                                            | <b>5571</b>               | <b>5737</b>               | <b>5163</b>               |
| Central Sector Receipt                                                     | 3695                      | 4165                      | 3060                      |
| RGPPL                                                                      | 1533                      | 1541                      | 1446                      |
| WIND                                                                       | 242                       | 394                       | 610                       |
| CPP / IPP                                                                  | 564                       | 611                       | 683                       |
| Exchange with TPCL                                                         | -705                      | -589                      | -417                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>10952</b>              | <b>11896</b>              | <b>10597</b>              |
| Load Shedding                                                              | 2823                      | 3130                      | 47                        |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>13775</b>              | <b>15026</b>              | <b>10644</b>              |
| TPCL GENERATION                                                            | 1588                      | 1443                      | 1004                      |
| REL GENERATION                                                             | 262                       | 520                       | 262                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2555</b>               | <b>2552</b>               | <b>1683</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>13507</b>              | <b>14448</b>              | <b>12280</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>16330</b>              | <b>17578</b>              | <b>12327</b>              |
| Frequency (Hz)                                                             | 49.86                     | 50.08                     | 50.01                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 3878 MW At 18.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 63.62 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.39 Hz at 16.04 Hrs | 49.48 Hz at 13.53 Hrs | 49.95         | 0 % of Time(min) |

\* 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/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.37        | 16.67         | 67       | 40       | 40       |
| Unit 2           | 1.42        | 22.09         | 65       | 45       | 63       |
| Unit 3           | 1.22        | 23.38         | 60       | 32       | 54       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.13        | 54.55         | 143      | 114      | 124      |
| Unit 6           | 3.20        | 41.84         | 154      | 121      | 132      |
| Unit 7           | 3.09        | 49.75         | 140      | 120      | 131      |
|                  | 13.44       | 208.28        |          |          | 544      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.81        | 10.18         | 50       | 15       | 50       |
| Unit 2           | 3.70        | 41.41         | 170      | 120      | 170      |
| Unit 3           | 3.54        | 55.15         | 165      | 115      | 152      |
|                  | 8.04        | 106.74        |          |          | 372      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.54        | 3.67          | 24       | 20       | 22       |
| Unit 2           | 0.10        | 7.79          | 22       | 0        | 0        |
| Unit 3           | 1.08        | 56.63         | 149      | 0        | 0        |
| Unit 4           | 2.02        | 48.26         | 149      | 0        | 0        |
| Unit 5           | 0.00        | 46.26         | 0        | 0        | 0        |
| Unit 6           | 4.26        | 63.49         | 217      | 155      | 170      |
| Unit 7           | 4.25        | 65.93         | 244      | 131      | 160      |
|                  | 12.25       | 292.04        |          |          | 352      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.33        | 41.21         | 158      | 100      | 160      |
| Unit 2           | 3.15        | 49.86         | 157      | 82       | 165      |
| Unit 3           | 3.27        | 50.89         | 162      | 94       | 150      |
| Unit 4           | 3.52        | 51.30         | 185      | 85       | 180      |
| Unit 5           | 9.98        | 115.75        | 475      | 335      | 400      |
| Unit 6           | 9.64        | 131.84        | 455      | 360      | 400      |
| Unit 7           | 7.82        | 119.96        | 408      | 246      | 350      |
|                  | 40.72       | 560.80        |          |          | 1805     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.00        | 13.74         | 43       | 39       | 40       |
| Unit 3           | 4.56        | 65.49         | 221      | 155      | 160      |
| Unit 4           | 4.30        | 62.15         | 211      | 121      | 120      |
|                  | 9.85        | 141.38        |          |          | 320      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 5.00        | 74.36         | 215      | 200      | 200      |
| Unit 2           | 0.00        | 10.73         | 0        | 0        | 0        |
| Unit 3           | 4.74        | 70.35         | 200      | 190      | 195      |
| Unit 4           | 4.22        | 57.31         | 179      | 170      | 175      |
|                  | 13.96       | 212.75        |          |          | 570      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.62        | 23.35         | 79       | 51       | 70       |
| Unit 2           | 1.64        | 14.27         | 76       | 58       | 70       |
| Unit 3           | 3.70        | 59.90         | 175      | 130      | 150      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.48        | 60.08         | 168      | 129      | 130      |
|                  | 10.43       | 157.60        |          |          | 420      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.81        | 43.41         | 315      | 40       | 600      |
| Stage 4          | 0.00        | 0.00          | 0        | 0        |          |
| Stage 3          | 0.47        | 11.51         | 234      | 0        | 320      |
|                  | 2.28        | 54.92         |          |          | 920      |
| Kovna 12&4 Total | 1.81        | 43.41         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.73       | 237.55        | 680      | 610      | 640      |
|                 |          | 15.73       | 237.55        |          |          | 640      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 3.61          | 0        | 0        | 0        |
| VTRNA           |          | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         |          | 0.38        | 5.91          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.01        | 1.38          | 1        | 0        | 7        |
| BHIRA T.R.      |          | 0.20        | 2.13          | 60       | 0        | 40       |
| RNGR+BHTSA      |          | 0.22        | 5.14          | 10       | 0        | 10       |
| BHANDARDRA      |          | 0.00        | 0.65          | 0        | 0        | 0        |
| ELDARY          |          | 0.00        | 4.28          | 0        | 0        | 0        |
| SMLHY PTN       |          | 0.07        | 3.65          | 12       | 0        | 10       |
| GHATGHAR        |          | 0.81        | 16.10         | 250      | 0        | 0        |
|                 |          | 1.69        | 42.85         |          |          | 127      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.99        | 13.58         | 53       | 0        |          |
|                 |          | 0.99        | 13.58         |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.42        | 2.82          |          |          |          |
| Vankuswadi      |          | 0.49        | 6.05          |          |          |          |
| ATIT            |          | 0.26        | 2.00          |          |          |          |
| Kale            |          | 0.17        | 2.26          |          |          |          |
| Satara          |          | 0.13        | 4.79          |          |          |          |
| Shirala         |          | 0.37        | 2.66          |          |          |          |
| K Mahankal      |          | 0.02        | 2.25          |          |          |          |
| Supa            |          | 0.21        | 1.45          |          |          |          |
| Vita            |          | 1.26        | 8.93          |          |          |          |
| Dondaicha       |          | 3.69        | 22.61         |          |          |          |
| Sakri           |          | 0.57        | 3.41          |          |          |          |
| Nandurbar       |          | 0.32        | 2.76          |          |          |          |
| Khandke         |          | 0.90        | 4.19          |          |          |          |
| Khaparale       |          | 0.51        | 3.14          |          |          |          |
|                 |          | 9.32        | 69.33         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 14.84       | 181.61        |          |          |          |
|                 |          | 14.84       | 181.61        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 35.88       | 563.49        | 1562     | 1440     | 1559     |
|                 |          | 35.88       | 563.49        |          |          | 1559     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.53       | 179.96        | 490      | 430      | 500      |
| Trombay 6       |          | 7.56        | 121.36        | 510      | 150      | 500      |
| Trombay 7A      |          | 2.90        | 46.20         | 123      | 119      | 120      |
| Trombay 7B      |          | 1.63        | 25.76         | 69       | 67       | 60       |
| Trombay 8       |          | 5.48        | 85.80         | 253      | 155      | 250      |
| TATA Hydro      |          | 1.66        | 24.57         | 335      | 0        | 447      |
|                 |          | 30.75       | 483.65        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 8.56        | 186.88        | 521      | 255      | 250      |
|                 |          | 8.56        | 186.88        |          |          | 250      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3801     |
|                 |          |             |               |          |          | 3801     |
| MS PG CL        | Thermal  | 108.69      | 1679.58       |          |          | 4383     |
|                 | Thml+Gas | 124.41      | 1917.14       |          |          | 5023     |
|                 | Hydro    | 3.97        | 97.77         |          |          | 1047     |
|                 | Total    | 128.39      | 2014.91       |          |          | 6070     |
| State Total     |          | 228.72      | 3513.46       |          |          | 13555    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 16/Oct/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |      |       | TOTAL  | RGPPL | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|------|-------|--------|-------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY   | GAS   |        |       |      |              |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 4527        | 60   | 668   | 5255   | 1469  | 577  | 674          | 3115        | 3090        | -639         | -580                 | 10536                   | 873             | 11409                       | 1927                    | 13336                    | 49.88         |
| 2                  | 4436        | 70   | 610   | 5116   | 1447  | 608  | 681          | 3019        | 2964        | -536         | -477                 | 10391                   | 815             | 11206                       | 1773                    | 12979                    | 49.95         |
| 3                  | 4432        | 60   | 671   | 5163   | 1446  | 610  | 683          | 2971        | 3060        | -472         | -417                 | 10597                   | 47              | 10644                       | 1683                    | 12327                    | 50.01         |
| 4                  | 4331        | 50   | 673   | 5054   | 1445  | 595  | 689          | 2923        | 3290        | -425         | -359                 | 10766                   | 600             | 11366                       | 1632                    | 12998                    | 50.01         |
| 5                  | 4303        | 95   | 673   | 5071   | 1444  | 603  | 685          | 2899        | 3362        | -401         | -364                 | 10853                   | 1317            | 12170                       | 1600                    | 13770                    | 49.85         |
| 6                  | 4358        | 195  | 680   | 5233   | 1444  | 613  | 685          | 2900        | 3621        | -401         | -353                 | 11295                   | 1783            | 13078                       | 1641                    | 14719                    | 49.83         |
| 7                  | 4508        | 100  | 674   | 5282   | 1443  | 400  | 688          | 3157        | 2939        | -468         | -399                 | 10406                   | 2762            | 13168                       | 1780                    | 14948                    | 50.03         |
| 8                  | 4633        | 65   | 668   | 5366   | 1441  | 354  | 681          | 3181        | 3034        | -492         | -463                 | 10465                   | 2986            | 13451                       | 1806                    | 15257                    | 50.02         |
| 9                  | 4556        | 57   | 669   | 5282   | 1440  | 292  | 616          | 3275        | 3560        | -584         | -561                 | 10682                   | 2976            | 13658                       | 1996                    | 15654                    | 49.86         |
| 10                 | 4725        | 131  | 610   | 5466   | 1450  | 231  | 572          | 3455        | 3677        | -638         | -598                 | 10851                   | 3028            | 13879                       | 2326                    | 16205                    | 49.92         |
| 11                 | 4700        | 206  | 665   | 5571   | 1533  | 242  | 564          | 3558        | 3695        | -737         | -705                 | 10952                   | 2823            | 13775                       | 2555                    | 16330                    | 49.86         |
| 12                 | 4517        | 354  | 654   | 5525   | 1532  | 210  | 537          | 3580        | 3886        | -761         | -741                 | 11001                   | 2705            | 13706                       | 2619                    | 16325                    | 49.83         |
| 13                 | 4690        | 520  | 654   | 5864   | 1530  | 221  | 560          | 3552        | 3897        | -737         | -698                 | 11426                   | 2606            | 14032                       | 2618                    | 16650                    | 49.81         |
| 14                 | 4650        | 162  | 652   | 5464   | 1528  | 194  | 553          | 3502        | 4143        | -689         | -669                 | 11265                   | 2762            | 14027                       | 2531                    | 16558                    | 49.76         |
| 15                 | 4523        | 65   | 651   | 5239   | 1531  | 269  | 555          | 3494        | 3983        | -689         | -656                 | 10973                   | 2938            | 13911                       | 2545                    | 16456                    | 49.91         |
| 16                 | 4430        | 55   | 651   | 5136   | 1532  | 286  | 562          | 3493        | 3775        | -709         | -676                 | 10642                   | 2989            | 13631                       | 2522                    | 16153                    | 49.92         |
| 17                 | 4452        | 61   | 650   | 5163   | 1533  | 261  | 559          | 3469        | 3641        | -685         | -658                 | 10509                   | 3113            | 13622                       | 2445                    | 16067                    | 50.02         |
| 18                 | 4403        | 70   | 647   | 5120   | 1532  | 253  | 545          | 3679        | 4408        | -637         | -606                 | 11289                   | 3087            | 14376                       | 2403                    | 16779                    | 49.98         |
| 19                 | 4466        | 613  | 651   | 5730   | 1532  | 320  | 547          | 3663        | 4547        | -532         | -500                 | 12229                   | 2690            | 14919                       | 2537                    | 17456                    | 49.93         |
| 20                 | 4565        | 524  | 648   | 5737   | 1541  | 394  | 611          | 3907        | 4165        | -622         | -589                 | 11896                   | 3130            | 15026                       | 2552                    | 17578                    | 50.08         |
| 21                 | 4628        | 192  | 654   | 5474   | 1557  | 411  | 632          | 3848        | 4278        | -560         | -522                 | 11842                   | 3098            | 14940                       | 2416                    | 17356                    | 50.16         |
| 22                 | 4672        | 93   | 656   | 5421   | 1562  | 523  | 645          | 3732        | 3678        | -584         | -542                 | 11307                   | 3056            | 14363                       | 2299                    | 16662                    | 50.18         |
| 23                 | 4620        | 123  | 655   | 5398   | 1507  | 357  | 658          | 3574        | 3408        | -560         | -524                 | 10804                   | 2405            | 13209                       | 2153                    | 15362                    | 49.99         |
| 24                 | 4561        | 51   | 644   | 5256   | 1458  | 494  | 658          | 3083        | 3010        | -537         | -532                 | 10354                   | 2394            | 12748                       | 2141                    | 14889                    | 49.92         |
| MUs                | 108.69      | 3.97 | 15.73 | 128.39 | 35.88 | 9.32 | 14.84        | 81.03       | 87.11       | -14.10       | -13.19               | 263.33                  | 56.98           | 320.31                      | 52.50                   | 372.81                   | 49.95         |

NOTE : ALL VALUES IN MW

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

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 16/Oct/2010**

Position as on 6.30 Hrs of 17/Oct/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 30/12/2010    |
| Koyna ST-IV 1           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 3         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 4         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST-IV 2           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koradi Unit 4           | 115      | 24/08/2010   | 06.02        |            | Continued. | Annual Overhaul.                        | 18/10/2010    |
| Nasik Unit 4            | 210      | 15/09/2010   | 10.55        |            | Continued. | Annual Overhaul.                        | 11/11/2010    |
| Cent_Sect Tarapur 1     | 80       | 10/10/2010   | 21.30        |            | Continued. | Fuel refuelling.                        | 12/11/2010    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                         |               |
| Uran Unit 2             | 60       | 04/10/2008   | 19.00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 4             | 60       | 01/04/2009   | 00:00        |            | Continued. | Gas Restriction                         |               |
| Uran Unit 3             | 60       | 16/06/2010   | 19.52        |            | Continued. | R.M.Work.                               |               |
| Dabhol 2A               | 230      | 12/07/2010   | 01.55        |            | Continued. | Tripped due to Electrical Fault         | 30/10/2010    |
| Khaparkheda Unit 2      | 210      | 14/10/2010   | 08.44        | 17/10/2010 | 14.34      | Boiler Tube Leakage.                    |               |
| REL 2                   | 250      | 14/10/2010   | 11.52        | 16/10/2010 | 13.42      | Boiler Tube Leakage.                    |               |
| Parli Unit 5            | 210      | 16/10/2010   | 00.08        |            | Continued. | STN.T/F I and II Trip.                  | 19/10/2010    |
| Parli Unit 3            | 210      | 16/10/2010   | 00.14        | 16/10/2010 | 16.04      | STN T/F I and II Trip.                  |               |
| Parli Unit 4            | 210      | 16/10/2010   | 00.32        | 16/10/2010 | 10.02      | STN.T/F I and II Trip.                  |               |
| Parli Unit 2            | 30       | 16/10/2010   | 02.14        | 16/10/2010 | 20.38      | Trip.                                   |               |
| Chandrapur Unit 2       | 210      | 16/10/2010   | 23.53        | 17/10/2010 | 03.48      | High furnace pressure.                  |               |
| Khaparkheda Unit 4      | 210      | 17/10/2010   | 01.01        |            | Continued. | Boiler tube leakage.                    | 19/10/2010    |
| Nasik Unit 2            | 125      | 17/10/2010   | 02.50        |            | Continued. | Boiler tube leakage.                    | 19/10/2010    |
| Chandrapur Unit 7       | 500      | 17/10/2010   | 07.09        |            | Continued. | Master fuel trip.                       | 19/10/2010    |
| Uran Unit 6             | 108      | 17/10/2010   | 07.28        | 17/10/2010 | 11.39      | Bearing Vibration.                      |               |
| Chandrapur Unit 2       | 210      | 17/10/2010   | 22.04        |            | Continued. | Furnace Pressure High.                  |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Oct/2010**

Position as on 6.30 Hrs of 17/Oct/2010

| Name of Line                                      | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                           |
|---------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|--------------------------------------------------------------------------------------------|
| <b>InterState</b>                                 |              |              |                                   |                   |                                                                                            |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| Akola - Aurangabad- II                            | 03/10/2010   | 17.38        |                                   | Continued.        | Over Voltage.                                                                              |
| Wardha - Akola - II                               | 08/10/2010   | 17.55        |                                   | Continued.        | Normal Changeover.                                                                         |
| Kolhapur - Mapusa - II                            | 15/10/2010   | 22.42        |                                   | Continued.        | Over voltage.                                                                              |
| Dhule-Sar'Sarovar - I                             | 15/10/2010   | 23.16        |                                   | Continued.        | Over Voltage.                                                                              |
| <b>IntraState</b>                                 |              |              |                                   |                   |                                                                                            |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                            |
| 50 MVAR Reactor of Chandrpur - Parli - II @ Parli | 12/08/2009   | 10.15        |                                   | Continued.        | Bushing Problem.                                                                           |
| Main Bus - II @ Koyna Stg - IV                    | 26/09/2010   | 10.45        |                                   | Continued.        | Maintenance Work.                                                                          |
| Jejuri-Koyna STG-IV                               | 14/10/2010   | 09.25        |                                   | Continued.        | Bunching.                                                                                  |
| STG IV-New Koyna-II                               | 14/10/2010   | 10.00        |                                   | Continued.        | Bunching.                                                                                  |
| 400/11.5KV 90 MVA STN T/F III @ 400KV C'PUR       | 15/10/2010   | 12.25        |                                   | Continued.        | Attending Red Hot on R-Ph HV side Bushing.                                                 |
| 400/220 KV 315 MVA ICT-I @ Dhule                  | 15/10/2010   | 23.09        | 16/10/2010                        | 00.38             | Testing of Buchholz relay.                                                                 |
| 400/220 KV 315 MVA ICT @ Khadka                   | 17/10/2010   | 10.58        | 17/10/2010                        | 14.23             | Replacement of relay.(ICT is on TBC)                                                       |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                            |
| 220/100KV 125MVA ICT-IV @ Kalwa                   | 02/08/2010   | 10.10        |                                   | Continued.        | Repl.125 MVA ICT by 200 MVA New ICT.                                                       |
| 220/100 125 MVA ICT - II @ Trombay                | 23/08/2010   | 12.17        |                                   | Continued.        | Dismantling of existing ICT and commissioning of New 200MVA ICT                            |
| Tifil-Trombay                                     | 08/10/2010   | 10.18        |                                   | Continued.        | Erection & Stringing of M/C Towers (Loc.22-40) & Dismantling of Old Towers upto 6.11.2010. |
| Bableshwar-Nasik-I                                | 13/10/2010   | 09.50        |                                   | Continued.        | Replacement of Old main bus I&II Isolator                                                  |
| Chinchwad - Hinjewadi                             | 14/10/2010   | 10.08        |                                   | Continued.        | Line on TBC Bkr O/H Work.                                                                  |
| Raymond-Washala                                   | 14/10/2010   | 10.40        |                                   | Continued.        | Line on TBC Bkr O/H Work.                                                                  |
| 220/132KV200MVA ICT IV @Phursungi                 | 15/10/2010   | 23.12        | 16/10/2010                        | 01.22             | OLTC PRV limit switch replacing work.                                                      |
| Bhugaon-Pusad                                     | 16/10/2010   | 08.41        | 16/10/2010                        | 12.55             | Attending hot glow on Y ph.MAVW trap jumper.                                               |
| Airoli-Knowledge park-Nasik                       | 16/10/2010   | 12.51        | 16/10/2010                        | 18.15             | Maintenance of line isolator.                                                              |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| 80 MVAR Line Reactor of Lonikand - Karad @ Karad  | 04/03/2010   | 11.58        |                                   | Continued.        | Red Hot Spot Observed on Earthing.                                                         |
| Karad - Kolhapur - II                             | 14/10/2010   | 23.19        |                                   | Continued.        | Over Voltage.                                                                              |
| Bhusawal- Aurangabad                              | 15/10/2010   | 10.06        |                                   | Continued.        | Over Voltage.                                                                              |
| Lonikand- Koyna Stage IV                          | 17/10/2010   | 22.47        |                                   | Continued.        | Over Voltage.                                                                              |
| Karad-Lamboti                                     | 17/10/2010   | 23.24        |                                   | Continued.        | Over Voltage.                                                                              |
| <b>Voltage Level : 220KV</b>                      |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| Parbhani-Pusad                                    | 15/10/2010   | 19.00        | 16/10/2010                        | 04.59             | Due to hot spot on Y ph.wave trap jumper on 220 KV Pusad-Bhugaon Ckt.                      |
| Pusad - Parbhani                                  | 16/10/2010   | 08.29        | 16/10/2010                        | 13.12             | Due to emergency outage on 220 KV Pusad-Bhugaon Ckt.                                       |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 16/Oct/2010**

Position as on 6.30 Hrs of 17/Oct/2010

| Name of Line                          | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                               |
|---------------------------------------|--------------|--------------|---------------------------------|--------------------|----------------------------------------------------------------|
| <b>Voltage Level : 100KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                |
| Kalwa - Salshet - I                   | 05/10/2010   | 15.44        |                                 | Continued.         | ICT overlading at Kalwa.                                       |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |
| Khadka - Deepnagar - II               | 29/09/2010   | 20.53        |                                 | Continued.         | DT Received @ Khadka.                                          |
| 400/220 KV 500 MVA ICT-II at Lamboti  | 10/10/2010   | 15.28        |                                 | Continued.         | Y-Ph Buchloz.                                                  |
| Chandrapur - Parli - I                | 14/10/2010   | 17.34        |                                 | Continued.         | Ckt on TBC,Main CB in Lockout,As Oil Pressure Reduced to Zero. |
| Babaleshwar - Dhule - I               | 17/10/2010   | 22.08        |                                 | Continued.         | Over Volatge.                                                  |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |
| 220/132 KV 200 MVA ICT - II @ Theur   | 01/06/2010   | 03.57        |                                 | Continued.         | Oil Tank Burst.                                                |
| 220/100KV 200MVA T/F-II @APTA         | 15/08/2010   | 21.10        |                                 | Continued.         | Diff.Prot.CTR system operated.                                 |
| Kalmeshwar-Ambazari                   | 15/10/2010   | 22.04        | 16/10/2010                      | 17.06              | Distance protection.                                           |
| 220/6.6 KV 35 MVA Stn.T/F II at Parli | 16/10/2010   | 00.08        | 16/10/2010                      | 02.17              | GT-5 flashover.                                                |
| 220/6.6KV 35 MVA STN T/F I at Parli   | 16/10/2010   | 00.09        | 16/10/2010                      | 02.16              | Mal Operation.                                                 |
| Sahara-B'dying                        | 16/10/2010   | 18.15        | 17/10/2010                      | 00.25              | B Ph.wave trap open at sahara s/stn.                           |
| Nasik-Raymond                         | 17/10/2010   | 16.05        | 17/10/2010                      | 17.10              | Distance Protection.B-E,Z-1.                                   |
| Raymond-Washala                       | 17/10/2010   | 16.10        | 17/10/2010                      | 18.00              | Distance Protection Z-II.                                      |
| 220/22KV 50 MVA T/F III at Chakan     | 17/10/2010   | 17.12        | 17/10/2010                      | 19.09              | Buchloz.                                                       |
| Kandalgaon - Pirangut                 | 17/10/2010   | 19.42        | 17/10/2010                      | 20.15              | Distance Protection Z-I.                                       |
| Hinjawadi-I - Hinjawadi-II            | 17/10/2010   | 19.42        | 17/10/2010                      | 20.43              | Distance Protection .                                          |
| <b>Voltage Level : 132KV</b>          |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |
| Parbhani - Parbhani - II              | 17/10/2010   | 01.36        | 17/10/2010                      | 01.44              | Distance Protection.                                           |
| <b>null</b>                           |              |              |                                 |                    |                                                                |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                |
| New Koyna-Jejuri                      | 16/10/2010   | 15.05        | 16/10/2010                      | 22.46              | Tripped at New Koyna end.                                      |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 17/Oct/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 70          |
| Unit 2             | 105                   | 60          |
| Unit 3             | 105                   | 60          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 130         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 130         |
|                    | <b>1040</b>           | <b>590</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 20          |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 170         |
|                    | <b>478</b>            | <b>360</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 160         |
| Unit 7             | 250                   | 180         |
|                    | <b>1190</b>           | <b>702</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 150         |
| Unit 2             | 210                   | 80          |
| Unit 3             | 210                   | 80          |
| Unit 4             | 210                   | 120         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 325         |
| Unit 7             | 500                   | 300         |
|                    | <b>2340</b>           | <b>1455</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 42          |
| Unit 3             | 250                   | 200         |
| Unit 4             | 250                   | 200         |
|                    | <b>555</b>            | <b>442</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 195         |
| Unit 4             | 210                   | 0           |
|                    | <b>840</b>            | <b>395</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 70          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 140         |
|                    | <b>870</b>            | <b>360</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  |             |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>920</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 640         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>640</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 0           |
| BHIRA T.R.        | 80                    | 60          |
| RNGR+BHTSA        | 20                    | 10          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 11          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>141</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>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1556        |
|                   | <b>960</b>            | <b>1556</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3818        |
|                   | <b>3143</b>           | <b>3818</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>13756</b> |
|--|--------------|--------|--------------|