



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**05/Nov/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 05/Nov/2010 FRIDAY**

| <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                | 110.267        | 559.338         | 1) Madhya Pradesh              | 58.058         | 302.329         |
| 2) Hydro                  | 4.238          | 25.470          | 2) Gujrat                      | 11.405         | 88.623          |
| 3) Gas                    | 15.548         | 77.714          | 3) Goa                         | -4.401         | -28.414         |
| <b>Total MSGENCO</b>      | <b>130.053</b> | <b>662.522</b>  | 4) TAPS 1&2 (Inj.)             | 3.958          | 19.773          |
| <b>B) OTHERS</b>          |                |                 | 5) Pench (Excess)              | -0.516         | -1.842          |
| 1) RGPPL Gas              | 35.455         | 179.656         | <b># Total Cent. Sector</b>    | <b>68.504</b>  | <b>380.469</b>  |
| 2) Wind Generation        | 1.372          | 30.817          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP              | 9.454          | 41.436          | 1) With TPCL (Excess)          | -7.290         | -47.761         |
| 4) PENCH (MS)             | 0.516          | 1.842           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) MSEDCL Bilateral            | 5.648          | 29.787          |
| 1) TPCL Thermal           | 26.081         | 133.269         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro             | 0.819          | 17.615          | 2) MUMBAI Bilateral            | 8.035          | 54.383          |
| <b>TOTAL TPCL</b>         | <b>26.900</b>  | <b>150.884</b>  | Include PX                     | 3.101          | 21.896          |
| 3) REL Thermal            | 12.600         | 62.992          | 3) MUMBAI Schedule             | 8.035          | 54.383          |
| <b>D) STATE</b>           |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 148.948        | 755.599         | 1) MSEDCL                      | 238.064        | 1248.981        |
| 2) Hydro (A2+B3+C2)       | 5.573          | 44.927          | 2) TPCL                        | 30.662         | 173.749         |
| 3) Gas (A3+B1)            | 51.003         | 257.370         | 3) REL                         | 16.129         | 87.879          |
| 4) Wind (B2)              | 1.372          | 30.817          | <b>TOTAL STATE</b>             | <b>284.855</b> | <b>1510.609</b> |
| 5) CPP (B3)               | 9.454          | 41.436          |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>216.350</b> | <b>1130.149</b> |                                |                |                 |

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

| <b>PARTICULARS</b>                                                                    | <b>A. Morning Peak at 8 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------------------------------------------------------------|---------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                                                                       | 4718                            | 4686                             | 4391                             |
| MSGENCO Hydro                                                                         | 58                              | 861                              | 57                               |
| MSGENCO Gas                                                                           | 661                             | 646                              | 656                              |
| <b>MSGENCO Total Generation</b>                                                       | <b>5437</b>                     | <b>6193</b>                      | <b>5104</b>                      |
| Central Sector Receipt                                                                | 2937                            | 3095                             | 2650                             |
| RGPPL                                                                                 | 1559                            | 1534                             | 1400                             |
| WIND                                                                                  | 84                              | 36                               | 55                               |
| CPP / IPP                                                                             | 432                             | 354                              | 439                              |
| Exchange with TPCL                                                                    | -160                            | -444                             | -210                             |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>10289</b>                    | <b>10815</b>                     | <b>9458</b>                      |
| Load Shedding                                                                         | 68                              | 133                              | 0                                |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>10357</b>                    | <b>10948</b>                     | <b>9458</b>                      |
| TPCL GENERATION                                                                       | 1080                            | 1361                             | 896                              |
| REL GENERATION                                                                        | 528                             | 522                              | 528                              |
| <b>TPCL+REL DEMAND</b>                                                                | <b>1768</b>                     | <b>2327</b>                      | <b>1634</b>                      |
| <b>STATE DEMAND MET</b>                                                               | <b>12057</b>                    | <b>13142</b>                     | <b>11092</b>                     |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>12125</b>                    | <b>13275</b>                     | <b>11092</b>                     |
| Frequency (Hz)                                                                        | 50.03                           | 49.95                            | 50.00                            |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                                 |                                  | <b>655 MW AT 06.00 HRs</b>       |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                                 |                                  | <b>2.03 MUs.</b>                 |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49Hz</b> |
|------------------------------|------------------------------|----------------------|-------------------------|
| <b>50.69 Hz at 14.05 Hrs</b> | <b>49.54 Hz at 17.54 Hrs</b> | <b>50.05</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 05/Nov/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.63        | 8.14          | 78       | 63       | 70       |
| Unit 2           | 1.73        | 8.18          | 82       | 64       | 65       |
| Unit 3           | 0.93        | 3.21          | 69       | 0        | 0        |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.23        | 17.59         | 167      | 116      | 125      |
| Unit 6           | 3.50        | 17.94         | 167      | 130      | 145      |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 11.03       | 55.07         |          |          | 405      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.94        | 3.79          | 45       | 33       | 45       |
| Unit 2           | 3.86        | 12.60         | 180      | 135      | 180      |
| Unit 3           | 3.90        | 19.71         | 175      | 150      | 185      |
|                  | 8.70        | 36.10         |          |          | 410      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 1.86          | 0        | 0        | 0        |
| Unit 2           | 0.50        | 2.49          | 22       | 19       | 19       |
| Unit 3           | 3.55        | 18.22         | 166      | 126      | 145      |
| Unit 4           | 3.73        | 18.44         | 166      | 135      | 160      |
| Unit 5           | 3.06        | 15.95         | 140      | 112      | 130      |
| Unit 6           | 3.95        | 19.70         | 212      | 133      | 160      |
| Unit 7           | 4.29        | 20.86         | 235      | 131      | 175      |
|                  | 19.08       | 97.52         |          |          | 789      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.24        | 17.88         | 172      | 106      | 130      |
| Unit 2           | 3.23        | 15.00         | 170      | 103      | 140      |
| Unit 3           | 3.40        | 17.63         | 172      | 110      | 140      |
| Unit 4           | 3.22        | 18.33         | 160      | 105      | 125      |
| Unit 5           | 7.09        | 44.03         | 380      | 230      | 325      |
| Unit 6           | 8.08        | 32.55         | 405      | 260      | 400      |
| Unit 7           | 8.87        | 45.03         | 451      | 270      | 350      |
|                  | 37.13       | 190.45        |          |          | 1610     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.43        | 3.32          | 22       | 15       | 20       |
| Unit 3           | 3.99        | 14.82         | 199      | 140      | 200      |
| Unit 4           | 4.24        | 21.09         | 236      | 122      | 200      |
|                  | 8.66        | 39.23         |          |          | 420      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.58        | 23.17         | 200      | 175      | 210      |
| Unit 2           | 0.00        | 17.39         | 0        | 0        | 0        |
| Unit 3           | 4.24        | 20.12         | 187      | 165      | 195      |
| Unit 4           | 4.18        | 20.63         | 180      | 170      | 170      |
|                  | 13.00       | 81.30         |          |          | 575      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.90        | 9.90          | 90       | 62       | 76       |
| Unit 2           | 1.94        | 5.33          | 91       | 63       | 76       |
| Unit 3           | 4.52        | 22.58         | 200      | 170      | 182      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 4.31        | 21.85         | 195      | 163      | 172      |
|                  | 12.68       | 59.66         |          |          | 506      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.65        | 10.26         | 355      | 35       | 600      |
| Stage 4          | 0.34        | 0.82          | 283      | 0        | 0        |
| Stage 3          | 0.16        | 2.58          | 118      | 0        | 320      |
|                  | 2.16        | 13.67         |          |          | 920      |
| Kovna 12&4 Total | 2.00        | 11.08         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.55       | 77.71         | 665      | 589      | 630      |
|                 |          | 15.55       | 77.71         |          |          | 630      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 0.00          | 0        | 0        | 0        |
| VTRNA           |          | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         |          | 0.40        | 2.15          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.05        | 0.16          | 2        | 1        | 4        |
| BHIRA T.R.      |          | 0.12        | 0.96          | 58       | 0        | 80       |
| RNGR+BHTSA      |          | 0.35        | 1.79          | 15       | 14       | 10       |
| BHANDARDRA      |          | 0.00        | 0.03          | 0        | 0        | 0        |
| ELDARY          |          | 0.00        | 0.54          | 0        | 0        | 0        |
| SMLHY PTN       |          | 0.10        | 0.45          | 13       | 0        | 10       |
| GHATGHAR        |          | 1.07        | 5.73          | 250      | 0        | 0        |
|                 |          | 2.08        | 11.80         |          |          | 164      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.52        | 1.84          | 54       | 0        |          |
|                 |          | 0.52        | 1.84          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.08        | 1.46          |          |          |          |
| Vankuswadi      |          | 0.28        | 4.35          |          |          |          |
| ATIT            |          | 0.03        | 0.63          |          |          |          |
| Kale            |          | 0.08        | 1.51          |          |          |          |
| Satara          |          | 0.05        | 3.77          |          |          |          |
| Shirala         |          | 0.06        | 1.54          |          |          |          |
| K Mahankal      |          | 0.18        | 2.65          |          |          |          |
| Supa            |          | 0.04        | 0.54          |          |          |          |
| Vita            |          | 0.20        | 6.02          |          |          |          |
| Dondaicha       |          | 0.22        | 3.18          |          |          |          |
| Sakri           |          | 0.03        | 0.62          |          |          |          |
| Nandurbar       |          | 0.03        | 0.37          |          |          |          |
| Khandke         |          | 0.05        | 2.64          |          |          |          |
| Khaparale       |          | 0.05        | 1.52          |          |          |          |
|                 |          | 1.37        | 30.82         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 9.45        | 41.44         |          |          |          |
|                 |          | 9.45        | 41.44         |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 35.46       | 179.66        | 1570     | 1400     | 1558     |
|                 |          | 35.46       | 179.66        |          |          | 1558     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.41       | 54.72         | 490      | 400      | 500      |
| Trombay 6       |          | 4.67        | 28.76         | 280      | 150      | 500      |
| Trombay 7A      |          | 2.93        | 14.51         | 124      | 120      | 120      |
| Trombay 7B      |          | 1.62        | 8.11          | 68       | 67       | 60       |
| Trombay 8       |          | 5.45        | 27.17         | 252      | 155      | 250      |
| TATA Hydro      |          | 0.82        | 17.62         | 191      | 0        | 447      |
|                 |          | 26.90       | 150.88        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.60       | 62.99         | 529      | 513      | 500      |
|                 |          | 12.60       | 62.99         |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3652     |
|                 |          |             |               |          |          | 3652     |
| MS PG CL        | Thermal  | 110.27      | 559.34        |          |          | 4715     |
|                 | Thml+Gas | 125.82      | 637.05        |          |          | 5345     |
|                 | Hydro    | 4.24        | 25.47         |          |          | 1084     |
|                 | Total    | 130.05      | 662.52        |          |          | 6429     |
| State Total     |          | 216.35      | 1130.15       |          |          | 14015    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 05/Nov/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                  | 4491        | 62   | 665   | 5218   | 1471  | 59   | 435          | 3065        | 2713        | -431         | -401                 | 9547                    | 0               | 9547                        | 1949                    | 11496                    | 50.01         |
| 2                  | 4486        | 67   | 659   | 5212   | 1441  | 65   | 435          | 2969        | 2486        | -338         | -305                 | 9354                    | 0               | 9354                        | 1797                    | 11151                    | 50.06         |
| 3                  | 4391        | 57   | 656   | 5104   | 1400  | 55   | 439          | 2874        | 2650        | -245         | -210                 | 9458                    | 0               | 9458                        | 1634                    | 11092                    | 50.00         |
| 4                  | 4386        | 57   | 662   | 5105   | 1401  | 55   | 435          | 2821        | 2791        | -194         | -159                 | 9653                    | 0               | 9653                        | 1584                    | 11237                    | 50.06         |
| 5                  | 4454        | 62   | 658   | 5174   | 1476  | 64   | 432          | 2821        | 3082        | -194         | -168                 | 10085                   | 0               | 10085                       | 1610                    | 11695                    | 49.95         |
| 6                  | 4581        | 239  | 661   | 5481   | 1547  | 79   | 432          | 2821        | 3294        | -194         | -165                 | 10681                   | 0               | 10681                       | 1684                    | 12365                    | 49.84         |
| 7                  | 4791        | 373  | 660   | 5824   | 1552  | 87   | 429          | 3003        | 3191        | -194         | -147                 | 10936                   | 0               | 10936                       | 1793                    | 12729                    | 49.94         |
| 8                  | 4718        | 58   | 661   | 5437   | 1559  | 84   | 432          | 3003        | 2937        | -194         | -160                 | 10289                   | 68              | 10357                       | 1768                    | 12125                    | 50.03         |
| 9                  | 4743        | 78   | 658   | 5479   | 1507  | 70   | 424          | 3032        | 2890        | -220         | -180                 | 10213                   | 4               | 10217                       | 1788                    | 12005                    | 50.14         |
| 10                 | 4776        | 134  | 656   | 5566   | 1431  | 65   | 427          | 3080        | 2796        | -247         | -218                 | 10090                   | 74              | 10164                       | 1841                    | 12005                    | 50.06         |
| 11                 | 4766        | 125  | 650   | 5541   | 1416  | 50   | 428          | 3084        | 2637        | -247         | -217                 | 9855                    | 135             | 9990                        | 1946                    | 11936                    | 50.11         |
| 12                 | 4725        | 133  | 648   | 5506   | 1436  | 39   | 428          | 2956        | 2612        | -247         | -222                 | 9799                    | 150             | 9949                        | 1978                    | 11927                    | 50.18         |
| 13                 | 4799        | 57   | 645   | 5501   | 1437  | 41   | 405          | 2875        | 2796        | -295         | -291                 | 9889                    | 87              | 9976                        | 1987                    | 11963                    | 50.09         |
| 14                 | 4652        | 57   | 645   | 5354   | 1434  | 44   | 401          | 2904        | 2854        | -295         | -257                 | 9830                    | 64              | 9894                        | 1983                    | 11877                    | 50.34         |
| 15                 | 4474        | 62   | 636   | 5172   | 1431  | 39   | 400          | 2892        | 2786        | -295         | -270                 | 9558                    | 64              | 9622                        | 1972                    | 11594                    | 50.31         |
| 16                 | 4442        | 62   | 589   | 5093   | 1434  | 74   | 399          | 2794        | 2731        | -295         | -272                 | 9459                    | 64              | 9523                        | 1944                    | 11467                    | 50.15         |
| 17                 | 4409        | 57   | 608   | 5074   | 1431  | 25   | 402          | 2694        | 2865        | -295         | -268                 | 9529                    | 64              | 9593                        | 1941                    | 11534                    | 50.17         |
| 18                 | 4565        | 438  | 628   | 5631   | 1425  | 33   | 392          | 2722        | 2686        | -272         | -258                 | 9956                    | 86              | 10042                       | 1939                    | 11981                    | 49.87         |
| 19                 | 4686        | 861  | 646   | 6193   | 1534  | 36   | 354          | 3440        | 3095        | -459         | -444                 | 10815                   | 133             | 10948                       | 2327                    | 13275                    | 49.95         |
| 20                 | 4683        | 477  | 646   | 5806   | 1570  | 26   | 330          | 3733        | 3395        | -602         | -578                 | 10603                   | 76              | 10679                       | 2422                    | 13101                    | 49.97         |
| 21                 | 4705        | 401  | 651   | 5757   | 1569  | 123  | 310          | 3733        | 3119        | -602         | -557                 | 10374                   | 0               | 10374                       | 2355                    | 12729                    | 49.96         |
| 22                 | 4523        | 195  | 653   | 5371   | 1568  | 69   | 295          | 3558        | 3208        | -602         | -555                 | 10004                   | 0               | 10004                       | 2283                    | 12287                    | 49.95         |
| 23                 | 4503        | 71   | 653   | 5227   | 1535  | 47   | 297          | 3139        | 2853        | -555         | -511                 | 9497                    | 0               | 9497                        | 2188                    | 11685                    | 49.94         |
| 24                 | 4520        | 55   | 654   | 5229   | 1450  | 43   | 293          | 2905        | 2033        | -522         | -477                 | 8588                    | 0               | 8588                        | 2077                    | 10665                    | 50.03         |
| MUs                | 110.27      | 4.24 | 15.55 | 130.06 | 35.46 | 1.37 | 9.45         | 72.92       | 68.50       | -8.04        | -7.29                | 238.06                  | 1.07            | 239.13                      | 46.79                   | 285.92                   | 50.05         |

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 05/Nov/2010**

Position as on 6.30 Hrs of 06/Nov/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 2           | 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        | 05/11/2010 | 17.58      | Preparing Work for 2nd Lake Tapping.    |               |
| Koradi Unit 4           | 115      | 24/08/2010   | 06.02        |            | Continued. | Annual Overhaul.                        | 08/11/2010    |
| 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 refulling.                         | 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         | 30/11/2010    |
| Koradi Unit 7           | 210      | 28/10/2010   | 13.32        |            | Continued. | Furnace Pressure High./Suspected BTL    | 07/11/2010    |
| Koradi Unit 3           | 105      | 02/11/2010   | 11.33        | 05/11/2010 | 07.37      | Boiler tube leakage.                    |               |
| Parli Unit 1            | 30       | 04/11/2010   | 14.02        |            | Continued. | Boiler Tube Leakage.                    | 08/11/2010    |
| Khaparkheda Unit 2      | 210      | 04/11/2010   | 22.23        |            | Continued. | Boiler Tube Leakage.                    | 08/11/2010    |
| Parli Unit 6            | 250      | 06/11/2010   | 03.23        |            | Continued. | M.S.Temp.Low                            |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Nov/2010**

Position as on 6.30 Hrs of 06/Nov/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>   |                   |                                                                                            |
| Wardha - Akola - II                                | 08/10/2010   | 17.55        |                                   | Continued.        | Normal Changeover.                                                                         |
| Akola - Aurangabad - I                             | 22/10/2010   | 14.43        |                                   | Continued.        | Changeover.                                                                                |
| Kolhapur-Mapusa-II                                 | 01/11/2010   | 22.45        |                                   | Continued.        | Over Voltage.                                                                              |
| Dhule - S'Sarovar- II                              | 02/11/2010   | 23.19        |                                   | Continued.        | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - I                              | 06/11/2010   | 00.02        |                                   | Continued.        | Over Voltage                                                                               |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| Padgha - Boisar ( PGCIL )                          | 21/10/2010   | 13.24        |                                   | Continued.        | Hand Tripped at padgha end (To Transfer Load to PGCIL)                                     |
| <b>IntraState</b>                                  |              |              |                                   |                   |                                                                                            |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                            |
| 50 MVAR Reactor of Chandrapur - Parli - II @ Parli | 12/08/2009   | 10.15        |                                   | Continued.        | Bushing Problem.                                                                           |
| 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.                                                 |
| <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.(Expected on 30.10.2010)                               |
| 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. |
| Trombay - Tata Tie - II                            | 05/11/2010   | 07.48        | 05/11/2010                        | 12.06             | Main Bus-I outage at Trombay                                                               |
| Trombay Sonkhar                                    | 05/11/2010   | 07.57        | 05/11/2010                        | 11.25             | Main Bus-I outage at Trombay                                                               |
| Trombay-Kharghar                                   | 05/11/2010   | 08.02        | 05/11/2010                        | 11.21             | Main Bus-I outage at Trombay                                                               |
| 220/100 KV125 MVA ICT-III @Trombay                 | 05/11/2010   | 08.08        | 05/11/2010                        | 12.04             | Main Bus-I outage at Trombay                                                               |
| Trombay-Kalwa                                      | 05/11/2010   | 08.10        | 05/11/2010                        | 11.00             | Main Bus-I outage at Trombay                                                               |
| Main Bus-I at Trombay                              | 05/11/2010   | 08.13        | 05/11/2010                        | 10.58             | Attending Red Hot of R Phase Isolator                                                      |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| Karad - Kolhapur - II                              | 03/11/2010   | 22.49        |                                   | Continued.        | Over Voltage.                                                                              |
| Bhusawal- Aurangabad                               | 05/11/2010   | 23.56        | 06/11/2010                        | 05.39             | Over Voltage                                                                               |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                            |
| Borivali-Tata Borivali 4                           | 19/10/2010   | 16.41        |                                   | Continued.        | To control ICT Kalwa loading.                                                              |
| Pusad-Parbhani                                     | 05/11/2010   | 10.15        | 05/11/2010                        | 22.29             | To control load on C'Pur-Warora line                                                       |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                            |
| 400/220 KV 500 MVA ICT-II at Lamboti               | 10/10/2010   | 15.28        |                                   | Continued.        | Y-Ph Buchholz..                                                                            |
| 400/220 KV 600 MVA ICT-I @ Kalwa                   | 19/10/2010   | 16.15        |                                   | Continued.        | Fire in 200 MVA ICT.                                                                       |
| Padgha - Babaleshwar - II                          | 05/11/2010   | 14.04        |                                   | Continued.        | Over Voltage                                                                               |
| Dabhol-Nagothane-II                                | 05/11/2010   | 15.07        | 05/11/2010                        | 18.47             | Distance Protection                                                                        |
| Padgha-Nagothane                                   | 05/11/2010   | 15.45        |                                   | Continued.        | Distance Protection                                                                        |
| New Koyna - Koyna Stage IV - II                    | 05/11/2010   | 23.25        |                                   | Continued.        | Over Voltage                                                                               |
| Jejuri-Koyna STG-IV                                | 06/11/2010   | 00.11        |                                   | Continued.        | Over Voltage                                                                               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 05/Nov/2010**

Position as on 6.30 Hrs of 06/Nov/2010

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage               |
|-------------------------------------|--------------|--------------|----------------------------|--------------------|--------------------------------|
| Karad - Kolhapur - I                | 06/11/2010   | 00.11        |                            | Continued.         | Over Voltage                   |
| Dabhol-Nagothane-II                 | 06/11/2010   | 00.11        |                            | Continued.         | Distance Protection            |
| <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. |
| Apta-Tambati                        | 05/11/2010   | 12.55        | 05/11/2010                 | 13.15              | Distance Protection            |
| Chinchwad - Parvati                 | 05/11/2010   | 13.12        | 05/11/2010                 | 13.34              | Distance Protection            |
| Dhule-Chalisgaon                    | 05/11/2010   | 14.40        | 05/11/2010                 | 15.33              | Distance Protection            |
| Chalisgaon - Malegaon               | 05/11/2010   | 14.40        | 05/11/2010                 | 14.56              | Distance Protection            |
| NewKoyna - Pawas                    | 05/11/2010   | 17.43        | 05/11/2010                 | 18.16              | Distance Protection            |
| NewKoyna - Pawas                    | 05/11/2010   | 18.36        |                            | Continued.         | Distance Protection            |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                |
| Akola - Paras - I                   | 05/11/2010   | 05.14        | 05/11/2010                 | 05.29              | Backup Protection operated     |
| Harangul - Ujni                     | 05/11/2010   | 14.20        | 05/11/2010                 | 15.00              | Distance Protection            |
| <b>Voltage Level : 110KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                |
| Pedambe-- Ratnagiri                 | 05/11/2010   | 17.38        | 05/11/2010                 | 18.45              | Distance Protection            |
| <b>Voltage Level : 100KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                |
| Kalwa-Kalyan                        | 04/11/2010   | 19.18        | 05/11/2010                 | 02.24              | Distenance Protection.         |
| Kalwa-Nocil I                       | 04/11/2010   | 19.18        | 05/11/2010                 | 03.12              | Distanace Protection.          |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 06/Nov/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 80          |
| Unit 2             | 105                   | 75          |
| Unit 3             | 105                   | 80          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 160         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 0           |
|                    | <b>1040</b>           | <b>535</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 175         |
| Unit 3             | 210                   | 185         |
|                    | <b>478</b>            | <b>405</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 19          |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 175         |
| Unit 5             | 210                   | 150         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 180         |
|                    | <b>1190</b>           | <b>696</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 130         |
| Unit 2             | 210                   | 120         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 400         |
| Unit 7             | 500                   | 420         |
|                    | <b>2340</b>           | <b>1800</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 20          |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 200         |
|                    | <b>555</b>            | <b>400</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
|                    | <b>840</b>            | <b>540</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 76          |
| Unit 2             | 120                   | 76          |
| Unit 3             | 210                   | 182         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 172         |
|                    | <b>870</b>            | <b>506</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 630         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>630</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 5           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 12          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 10          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>167</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                   | 1558        |
|                   | <b>960</b>            | <b>1558</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                  | 3562        |
|                   | <b>3143</b>           | <b>3562</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>14346</b> |
|--|--------------|--------|--------------|