



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**23/Nov/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 23/Nov/2010 TUESDAY**

| <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                | 121.561        | 2595.277        | 1) Madhya Pradesh              | 40.384         | 1265.366        |
| 2) Hydro                  | 5.649          | 96.629          | 2) Gujrat                      | 20.915         | 387.354         |
| 3) Gas                    | 15.068         | 330.526         | 3) Goa                         | -6.390         | -138.737        |
| <b>Total MSGENCO</b>      | <b>142.278</b> | <b>3022.432</b> | 4) TAPS 1&2 (Inj.)             | 4.039          | 90.948          |
| <b>B) OTHERS</b>          |                |                 | 5) Pench (Excess)              | -0.191         | -7.173          |
| 1) RGPPL Gas              | 34.953         | 813.979         | <b># Total Cent. Sector</b>    | <b>58.757</b>  | <b>1597.758</b> |
| 2) Wind Generation        | 4.991          | 102.533         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP              | 8.933          | 200.172         | 1) With TPCL (Excess)          | -11.482        | -247.352        |
| 4) PENCH (MS)             | 0.191          | 7.173           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) MSEDCL Bilateral            | 5.363          | 129.286         |
| 1) TPCL Thermal           | 26.241         | 590.194         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro             | 2.802          | 70.693          | 2) MUMBAI Bilateral            | 11.980         | 266.352         |
| <b>TOTAL TPCL</b>         | <b>29.043</b>  | <b>660.887</b>  | Include PX                     | 4.086          | 105.974         |
| 3) REL Thermal            | 12.560         | 274.002         | 3) MUMBAI Schedule             | 11.980         | 267.232         |
| <b>D) STATE</b>           |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 160.362        | 3459.473        | 1) MSEDCL                      | 238.621        | 5496.695        |
| 2) Hydro (A2+B3+C2)       | 8.642          | 174.495         | 2) TPCL                        | 35.615         | 787.839         |
| 3) Gas (A3+B1)            | 50.021         | 1144.505        | 3) REL                         | 17.467         | 394.369         |
| 4) Wind (B2)              | 4.991          | 102.533         | <b>TOTAL STATE</b>             | <b>291.703</b> | <b>6678.903</b> |
| 5) CPP (B3)               | 8.933          | 200.172         |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>232.949</b> | <b>5081.178</b> |                                |                |                 |

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

| <b>PARTICULARS</b>                                                                    | <b>A. Morning Peak at 11 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 3 Hrs</b> |
|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                                                                       | 5452                             | 5377                             | 4660                             |
| MSGENCO Hydro                                                                         | 191                              | 1186                             | 107                              |
| MSGENCO Gas                                                                           | 636                              | 650                              | 595                              |
| <b>MSGENCO Total Generation</b>                                                       | <b>6279</b>                      | <b>7213</b>                      | <b>5362</b>                      |
| Central Sector Receipt                                                                | 2430                             | 3021                             | 1102                             |
| RGPPL                                                                                 | 1438                             | 1541                             | 1432                             |
| WIND                                                                                  | 254                              | 173                              | 271                              |
| CPP / IPP                                                                             | 369                              | 375                              | 358                              |
| Exchange with TPCL                                                                    | -561                             | -678                             | -200                             |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>10209</b>                     | <b>11655</b>                     | <b>8325</b>                      |
| Load Shedding                                                                         | 0                                | 701                              | 0                                |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>10209</b>                     | <b>12356</b>                     | <b>8325</b>                      |
| TPCL GENERATION                                                                       | 1632                             | 1482                             | 890                              |
| REL GENERATION                                                                        | 526                              | 521                              | 512                              |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2719</b>                      | <b>2681</b>                      | <b>1602</b>                      |
| <b>STATE DEMAND MET</b>                                                               | <b>12928</b>                     | <b>14336</b>                     | <b>9927</b>                      |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>12928</b>                     | <b>15037</b>                     | <b>9927</b>                      |
| Frequency (Hz)                                                                        | 50.05                            | 49.97                            | 50.45                            |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                                  |                                  | <b>1213 MW at 19.00 Hrs</b>      |
| <b>MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b> |                                  |                                  | <b>2.92 MUs.</b>                 |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>        | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49Hz</b> |
|-----------------------------|------------------------------|----------------------|-------------------------|
| <b>50.7 Hz at 03.03 Hrs</b> | <b>49.43 Hz at 17.52 Hrs</b> | <b>50.07</b>         | <b>0 % of Time(min)</b> |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 23/Nov/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.52        | 35.22         | 71       | 45       | 70       |
| Unit 2           | 1.62        | 36.24         | 74       | 53       | 65       |
| Unit 3           | 1.64        | 30.36         | 80       | 53       | 55       |
| Unit 4           | 1.58        | 7.77          | 81       | 48       | 50       |
| Unit 5           | 3.27        | 77.44         | 152      | 130      | 125      |
| Unit 6           | 3.21        | 79.16         | 145      | 125      | 135      |
| Unit 7           | 3.26        | 53.22         | 155      | 125      | 135      |
|                  | 16.10       | 319.42        |          |          | 635      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.42        | 11.44         | 40       | 0        | 0        |
| Unit 2           | 3.92        | 58.22         | 185      | 120      | 160      |
| Unit 3           | 4.11        | 92.38         | 185      | 140      | 185      |
|                  | 8.45        | 162.04        |          |          | 345      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.54        | 11.04         | 24       | 19       | 19       |
| Unit 2           | 0.50        | 10.58         | 22       | 20       | 19       |
| Unit 3           | 3.72        | 70.54         | 172      | 143      | 175      |
| Unit 4           | 3.94        | 87.57         | 180      | 146      | 170      |
| Unit 5           | 0.00        | 53.45         | 0        | 0        | 0        |
| Unit 6           | 4.21        | 90.47         | 227      | 152      | 200      |
| Unit 7           | 3.91        | 94.70         | 242      | 84       | 200      |
|                  | 16.82       | 418.36        |          |          | 783      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.52        | 80.23         | 160      | 138      | 160      |
| Unit 2           | 3.51        | 77.57         | 160      | 130      | 160      |
| Unit 3           | 3.69        | 69.06         | 180      | 129      | 160      |
| Unit 4           | 3.89        | 90.12         | 180      | 144      | 190      |
| Unit 5           | 8.76        | 185.24        | 430      | 320      | 400      |
| Unit 6           | 8.42        | 171.09        | 435      | 160      | 425      |
| Unit 7           | 7.82        | 187.12        | 410      | 255      | 400      |
|                  | 39.60       | 860.44        |          |          | 1895     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 9.87          | 0        | 0        | 0        |
| Unit 3           | 4.24        | 71.78         | 219      | 136      | 202      |
| Unit 4           | 4.38        | 100.82        | 217      | 140      | 220      |
|                  | 8.63        | 182.47        |          |          | 422      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.50        | 105.60        | 210      | 165      | 210      |
| Unit 2           | 4.52        | 58.41         | 210      | 167      | 210      |
| Unit 3           | 4.48        | 98.89         | 202      | 170      | 200      |
| Unit 4           | 4.13        | 92.95         | 180      | 164      | 180      |
|                  | 17.63       | 355.84        |          |          | 800      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.97        | 44.37         | 98       | 72       | 76       |
| Unit 2           | 0.03        | 33.20         | 29       | 0        | 0        |
| Unit 3           | 4.30        | 100.16        | 200      | 155      | 182      |
| Unit 4           | 4.01        | 24.57         | 180      | 147      | 162      |
| Unit 5           | 4.04        | 94.42         | 196      | 138      | 172      |
|                  | 14.34       | 296.71        |          |          | 592      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.36        | 33.64         | 260      | 35       | 600      |
| Stage 4          | 0.69        | 4.28          | 496      | 0        | 250      |
| Stage 3          | 0.67        | 9.49          | 208      | 0        | 320      |
|                  | 2.72        | 47.41         |          |          | 1170     |
| Kovna 12&4 Total | 2.05        | 37.92         |          |          | 850      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.07       | 330.53        | 672      | 548      | 475      |
|                 |          | 15.07       | 330.53        |          |          | 475      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 0.87          | 0        | 0        | 0        |
| VTRNA           |          | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         |          | 0.35        | 9.09          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.16        | 1.63          | 7        | 6        | 6        |
| BHIRA T.R.      |          | 0.24        | 4.79          | 41       | 0        | 40       |
| RNGR+BHTSA      |          | 0.38        | 8.13          | 16       | 15       | 16       |
| BHANDARDRA      |          | 0.31        | 1.05          | 13       | 13       | 13       |
| ELDARY          |          | 0.42        | 3.69          | 18       | 17       | 18       |
| SMLHY PTN       |          | 0.40        | 5.66          | 24       | 13       | 11       |
| GHATGHAR        |          | 0.66        | 14.31         | 220      | 0        | 0        |
|                 |          | 2.93        | 49.22         |          |          | 164      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.19        | 7.17          | 53       | 0        |          |
|                 |          | 0.19        | 7.17          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.07        | 4.00          |          |          |          |
| Vankuswadi      |          | 0.32        | 11.81         |          |          |          |
| ATIT            |          | 0.05        | 1.73          |          |          |          |
| Kale            |          | 0.11        | 4.12          |          |          |          |
| Satara          |          | 0.46        | 11.74         |          |          |          |
| Shirala         |          | 0.10        | 4.18          |          |          |          |
| K Mahankal      |          | 0.02        | 5.34          |          |          |          |
| Supa            |          | 0.20        | 2.32          |          |          |          |
| Vita            |          | 0.64        | 19.02         |          |          |          |
| Dondaicha       |          | 1.50        | 18.82         |          |          |          |
| Sakri           |          | 0.25        | 3.34          |          |          |          |
| Nandurbar       |          | 0.10        | 1.84          |          |          |          |
| Khandke         |          | 0.79        | 8.83          |          |          |          |
| Khaparale       |          | 0.38        | 5.45          |          |          |          |
|                 |          | 4.99        | 102.53        |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 8.93        | 200.17        |          |          |          |
|                 |          | 8.93        | 200.17        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 34.95       | 813.98        | 1542     | 1417     | 1555     |
|                 |          | 34.95       | 813.98        |          |          | 1555     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.26       | 250.12        | 490      | 375      | 500      |
| Trombay 6       |          | 6.46        | 118.68        | 400      | 150      | 500      |
| Trombay 7A      |          | 2.72        | 66.08         | 126      | 100      | 120      |
| Trombay 7B      |          | 0.93        | 35.85         | 44       | 8        | 50       |
| Trombay 8       |          | 4.86        | 119.47        | 245      | 145      | 250      |
| TATA Hydro      |          | 2.80        | 70.69         | 394      | 0        | 447      |
|                 |          | 29.04       | 660.89        |          |          | 1867     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.56       | 274.00        | 530      | 508      | 500      |
|                 |          | 12.56       | 274.00        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3380     |
|                 |          |             |               |          |          | 3380     |
| MS PG CL        | Thermal  | 121.56      | 2595.28       |          |          | 5472     |
|                 | Thml+Gas | 136.63      | 2925.80       |          |          | 5947     |
|                 | Hydro    | 5.65        | 96.63         |          |          | 1334     |
|                 | Total    | 142.28      | 3022.43       |          |          | 7281     |
| State Total     |          | 232.95      | 5081.18       |          |          | 14583    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 23/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                  | 4741        | 107  | 590   | 5438   | 1417  | 205  | 372          | 2080        | 1794        | -353         | -341                 | 8885                    | 0               | 8885                        | 1800                    | 10685                    | 50.25         |
| 2                  | 4550        | 107  | 589   | 5246   | 1428  | 241  | 351          | 1896        | 1588        | -258         | -246                 | 8608                    | 0               | 8608                        | 1686                    | 10294                    | 50.31         |
| 3                  | 4660        | 107  | 595   | 5362   | 1432  | 271  | 358          | 1670        | 1102        | -213         | -200                 | 8325                    | 0               | 8325                        | 1602                    | 9927                     | 50.45         |
| 4                  | 4655        | 107  | 548   | 5310   | 1431  | 280  | 360          | 1599        | 1430        | -190         | -176                 | 8635                    | 0               | 8635                        | 1551                    | 10186                    | 50.51         |
| 5                  | 4642        | 112  | 568   | 5322   | 1439  | 296  | 372          | 1599        | 1674        | -190         | -176                 | 8927                    | 0               | 8927                        | 1548                    | 10475                    | 50.17         |
| 6                  | 4688        | 167  | 660   | 5515   | 1437  | 174  | 365          | 2170        | 2282        | -190         | -176                 | 9597                    | 0               | 9597                        | 1586                    | 11183                    | 49.97         |
| 7                  | 5204        | 107  | 672   | 5983   | 1435  | 257  | 371          | 2448        | 2482        | -236         | -221                 | 10307                   | 0               | 10307                       | 1660                    | 11967                    | 49.91         |
| 8                  | 5410        | 107  | 650   | 6167   | 1438  | 258  | 357          | 2496        | 2199        | -282         | -268                 | 10198                   | 0               | 10198                       | 1830                    | 12028                    | 49.92         |
| 9                  | 5488        | 122  | 643   | 6253   | 1539  | 290  | 392          | 2588        | 2201        | -376         | -362                 | 10366                   | 0               | 10366                       | 2096                    | 12462                    | 49.92         |
| 10                 | 5487        | 174  | 637   | 6298   | 1464  | 257  | 375          | 2794        | 2322        | -477         | -458                 | 10288                   | 0               | 10288                       | 2460                    | 12748                    | 49.95         |
| 11                 | 5452        | 191  | 636   | 6279   | 1438  | 254  | 369          | 2909        | 2430        | -572         | -561                 | 10209                   | 0               | 10209                       | 2719                    | 12928                    | 50.05         |
| 12                 | 5180        | 226  | 601   | 6007   | 1439  | 252  | 371          | 2957        | 2462        | -620         | -578                 | 9953                    | 0               | 9953                        | 2756                    | 12709                    | 50.10         |
| 13                 | 4821        | 152  | 608   | 5581   | 1439  | 224  | 379          | 3052        | 2834        | -716         | -691                 | 9766                    | 0               | 9766                        | 2705                    | 12471                    | 50.03         |
| 14                 | 4888        | 105  | 615   | 5608   | 1441  | 183  | 375          | 3005        | 2999        | -668         | -641                 | 9965                    | 0               | 9965                        | 2611                    | 12576                    | 50.05         |
| 15                 | 4885        | 100  | 640   | 5625   | 1457  | 228  | 363          | 3028        | 3060        | -692         | -694                 | 10039                   | 0               | 10039                       | 2634                    | 12673                    | 50.08         |
| 16                 | 4937        | 105  | 631   | 5673   | 1459  | 218  | 370          | 2956        | 2842        | -716         | -682                 | 9880                    | 0               | 9880                        | 2625                    | 12505                    | 50.13         |
| 17                 | 5015        | 110  | 634   | 5759   | 1454  | 237  | 372          | 2909        | 2965        | -668         | -651                 | 10136                   | 0               | 10136                       | 2589                    | 12725                    | 49.93         |
| 18                 | 5296        | 489  | 643   | 6428   | 1464  | 183  | 365          | 2909        | 3034        | -668         | -644                 | 10830                   | 0               | 10830                       | 2580                    | 13410                    | 49.92         |
| 19                 | 5377        | 1186 | 650   | 7213   | 1541  | 173  | 375          | 3090        | 3021        | -692         | -678                 | 11655                   | 701             | 12356                       | 2681                    | 15037                    | 49.97         |
| 20                 | 5424        | 677  | 650   | 6751   | 1542  | 138  | 423          | 3255        | 3000        | -716         | -679                 | 11185                   | 859             | 12044                       | 2591                    | 14635                    | 49.97         |
| 21                 | 5394        | 544  | 652   | 6590   | 1513  | 105  | 396          | 3020        | 2906        | -668         | -635                 | 10901                   | 0               | 10901                       | 2424                    | 13325                    | 49.96         |
| 22                 | 5427        | 320  | 654   | 6401   | 1427  | 99   | 368          | 2894        | 2871        | -639         | -608                 | 10573                   | 0               | 10573                       | 2266                    | 12839                    | 50.02         |
| 23                 | 5101        | 111  | 650   | 5862   | 1438  | 81   | 358          | 2668        | 2848        | -663         | -623                 | 9964                    | 0               | 9964                        | 2130                    | 12094                    | 50.04         |
| 24                 | 4839        | 116  | 652   | 5607   | 1441  | 87   | 376          | 2363        | 2411        | -518         | -493                 | 9429                    | 0               | 9429                        | 1955                    | 11384                    | 50.07         |
| MUs                | 121.56      | 5.65 | 15.07 | 142.28 | 34.95 | 4.99 | 8.93         | 62.36       | 58.76       | -11.98       | -11.48               | 238.62                  | 1.56            | 240.18                      | 53.08                   | 293.27                   | 50.07         |

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 23/Nov/2010**

Position as on 6.30 Hrs of 24/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    |
| Cent_Sect Tarapur 1     | 80       | 10/10/2010   | 21.30        |            | Continued. | Fuel Refulling.                            | 30/11/2010    |
| Parli Unit 5            | 210      | 19/11/2010   | 01.05        |            | Continued. | Annual Overhaul                            | 20/12/2010    |
| Cent_Sect NTPC(V-3)     | 210      | 23/11/2010   | 00.20        |            | Continued. | Annual overhaul.                           | 05/12/2010    |
| Nasik Unit 2            | 125      | 23/11/2010   | 00.40        |            | Continued. | Annual Overhaul.                           | 30/12/2010    |
| REL 1                   | 250      | 24/11/2010   | 03.55        |            | Continued. | Annual overhaul                            | 18/12/2010    |
| <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    |
| Paras Unit 2            | 55       | 16/11/2010   | 23.00        |            | Continued. | Boiler tube salidity expired.              | 24/11/2010    |
| Cent_Sect KARPR2        | 220      | 21/11/2010   | 00.09        |            | Continued. | Safty checking.                            | 26/11/2010    |
| Bhusawal Unit 1         | 58       | 22/11/2010   | 03:55        | 23/11/2010 | 10.00      | Boiler - 2 feed line fisher valve problem. |               |
| Tata Trombay 7B         | 60       | 22/11/2010   | 18.55        | 23/11/2010 | 00.41      | Low Vaccum.                                |               |
| Cent_Sect NTPC(K-6)     | 500      | 23/11/2010   | 01.36        |            | Continued. | Boiler tube leakage.                       | 25/11/2010    |
| Cent_Sect NTPC(V-8)     | 500      | 24/11/2010   | 05.54        |            | Continued. | Electrical fault.                          | 26/11/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Nov/2010**

Position as on 6.30 Hrs of 24/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>   |                   |                                                                                            |
| Akola - Aurangabad - I                             | 22/10/2010   | 14.43        |                                   | Continued.        | Changeover.                                                                                |
| Akola - Wardha - I                                 | 11/11/2010   | 23.47        |                                   | Continued.        | Over Voltage.                                                                              |
| Kolhapur-Mapusa-II                                 | 20/11/2010   | 21.49        |                                   | Continued.        | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - II                             | 20/11/2010   | 23.02        |                                   | Continued.        | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - I                              | 22/11/2010   | 23.46        | 23/11/2010                        | 17.48             | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - I                              | 23/11/2010   | 22.31        |                                   | Continued.        | Over Voltage                                                                               |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                            |
| Akola - Wardha - II                                | 23/11/2010   | 02.47        | 23/11/2010                        | 06.18             | Over Voltage.                                                                              |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                            |
| Mudsungi-Amona                                     | 14/11/2010   | 14.27        | 23/11/2010                        | 17.11             | Dist.Prot.R Ph - E142.5KM FROM Mudsungi.                                                   |
| Tillari-Amona-II                                   | 21/11/2010   | 21:25        | 23/11/2010                        | 10.25             | Dist. Prot.                                                                                |
| Halkarni -Tillary                                  | 23/11/2010   | 13.50        | 23/11/2010                        | 15.00             | Distance protection.                                                                       |
| Tillary-Amona                                      | 23/11/2010   | 13.50        | 23/11/2010                        | 15.24             | Distance protection.                                                                       |
| Tillary-Amona                                      | 23/11/2010   | 15.24        |                                   | Continued.        | Tripped.(Declared faulty)                                                                  |
| Halkarni -Tillary                                  | 23/11/2010   | 15.25        | 23/11/2010                        | 15.46             | Distance protection.                                                                       |
| Mudsungi-Amona                                     | 23/11/2010   | 17.14        |                                   | Continued.        | Distance protection.                                                                       |
| <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.                                                 |
| 400/220 KV 315MVA ICT-II @ Karad                   | 23/11/2010   | 10.43        |                                   | Continued.        | dismantling of existing old 220KV CB.                                                      |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                            |
| 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. |
| 220/132KV 100MVA ICT-II @ Chalisgaon               | 08/11/2010   | 11.10        |                                   | Continued.        | Commissioning of new 200MVA ICT by replacing 100MVA ICT.                                   |
| 220/132 KV 150 MVA ICT - I @ NSK.                  | 10/11/2010   | 09.40        |                                   | Continued.        | Augmentation of existing 150 MVA ICT by new 200MVA ICT (Up to 09.12.2012)                  |
| Babaleshwar - Babaleshwar - II                     | 18/11/2010   | 09.02        |                                   | Continued.        | Isolator replacement work, Line on TBC                                                     |
| B - Bus at Boiser                                  | 21/11/2010   | 09:02        |                                   | Continued.        | Maintenance Isolator alignment and Hot spot.                                               |
| Jejuri-Phursungi                                   | 22/11/2010   | 12.35        |                                   | Continued.        | Overhauling of breaker.                                                                    |
| Boisor - Dahanu                                    | 23/11/2010   | 07.56        | 23/11/2010                        | 09.42             | Isolator work.                                                                             |
| 220/132 KV 200 MVA ICT-II @ Boiser                 | 23/11/2010   | 08.40        | 23/11/2010                        | 09.50             | Isolator maintenance work.                                                                 |
| Main Bus-II At 400KV Chandrapur.                   | 23/11/2010   | 08.48        |                                   | Continued.        | Relay Testing and measurement of tan delta of 220KV bus coupler CT.                        |
| Khaperkheda - Koradi                               | 23/11/2010   | 09.31        | 23/11/2010                        | 18.02             | Tan delta measurement of CTs.                                                              |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 23/Nov/2010**

Position as on 6.30 Hrs of 24/Nov/2010

| Name of Line                        | Tripped Date | Tripped Time | Synchronised Date                | Synchronised Time | Reason of Outage                         |
|-------------------------------------|--------------|--------------|----------------------------------|-------------------|------------------------------------------|
| Khaperkheda-Purti                   | 23/11/2010   | 09.56        | 23/11/2010                       | 15.23             | Replacement of disc insulator.           |
| Ambazari-Amravati                   | 23/11/2010   | 10.20        | 23/11/2010                       | 15.50             | Replacement of disc insulator.           |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type FORCED OUTAGE</b> |                   |                                          |
| 400/220KV,500MVA ICT-III At Kalwa.  | 22/11/2010   | 00:56        |                                  | Continued.        | Red hot on 29 Bph Isolator taken on TBC. |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b>  |                   |                                          |
| Bhusawal- Aurangabad                | 22/11/2010   | 22.36        | 23/11/2010                       | 07.13             | Over Voltage                             |
| Karad - Kolhapur - II               | 22/11/2010   | 23.41        | 23/11/2010                       | 13.43             | Over Voltage                             |
| Karad-Lamboti                       | 23/11/2010   | 00.35        | 23/11/2010                       | 06.55             | Over Voltage.                            |
| Lonikand- Koyna Stage IV            | 24/11/2010   | 00.11        |                                  | Continued.        | Over Voltage                             |
| Bablsr-Aurangabad                   | 24/11/2010   | 00.12        | 24/11/2010                       | 05.08             | Over Voltage                             |
| Karad-Lamboti                       | 24/11/2010   | 00.49        | 24/11/2010                       | 05.52             | Over Voltage.                            |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b>       |                   |                                          |
| 400/220 KV 315 MVA ICT @ Akola      | 22/11/2010   | 14:20        | 23/11/2010                       | 09.40             | Differential Protection.                 |
| Koradi - Akola                      | 23/11/2010   | 02.06        | 23/11/2010                       | 05.32             | Distance protection.                     |
| Karad - Kolhapur - II               | 23/11/2010   | 16.48        | 23/11/2010                       | 17.00             | Distance protection.                     |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type TRIPPED</b>       |                   |                                          |
| Halkarni - Hemres                   | 20/11/2010   | 17.20        | 23/11/2010                       | 12.40             | Distance Protection.                     |
| 220/132 KV 200 MVA ICT - II @ Theur | 20/11/2010   | 21.32        |                                  | Continued.        | Differential Protection.                 |
| Chalisgaon-BSL-I                    | 23/11/2010   | 06.10        | 23/11/2010                       | 06.25             | Distance protection.                     |
| Mumewadi - Halkarni                 | 23/11/2010   | 13.50        | 23/11/2010                       | 14.15             | Distance protection.                     |
| Halkarni-Hemous                     | 23/11/2010   | 13.50        | 23/11/2010                       | 14.30             | Distance protection.                     |
| Halkarni-Hemous                     | 23/11/2010   | 14.36        | 23/11/2010                       | 16.40             | Distance protection.                     |
| Momewadi -Halkarni                  | 23/11/2010   | 15.25        | 23/11/2010                       | 15.38             | Distance protection.                     |
| Trombay Sonkhar                     | 23/11/2010   | 17.38        | 23/11/2010                       | 18.04             | Distance protection.                     |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b>       |                   |                                          |
| Butibori MIDC-Khapri Cky.           | 08/11/2010   | 10.10        |                                  | Continued.        | Dist.Prot.Y Ph.and B Ph.B/D decleared.   |
| Bhandara-Ambhora                    | 23/11/2010   | 12.30        | 23/11/2010                       | 23.15             | Distance protection.                     |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 24/Nov/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 65          |
| Unit 2             | 105                   | 65          |
| Unit 3             | 105                   | 70          |
| Unit 4             | 105                   | 60          |
| Unit 5             | 200                   | 135         |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 135         |
|                    | <b>1040</b>           | <b>660</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 185         |
|                    | <b>478</b>            | <b>410</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 19          |
| Unit 2             | 30                    | 18          |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 175         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 150         |
| Unit 7             | 250                   | 180         |
|                    | <b>1190</b>           | <b>702</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 175         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 400         |
|                    | <b>2340</b>           | <b>1935</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 240         |
| Unit 4             | 250                   | 250         |
|                    | <b>555</b>            | <b>490</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 165         |
| Unit 2             | 210                   | 170         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 170         |
|                    | <b>840</b>            | <b>675</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 76          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 182         |
| Unit 4             | 210                   | 162         |
| Unit 5             | 210                   | 172         |
|                    | <b>870</b>            | <b>592</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                    | 40          |
| RNGR+BHTSA        | 20                    | 10          |
| BHANDARDRA        | 45                    | 14          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 18          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>147</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                   | 1565        |
|                   | <b>960</b>            | <b>1565</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 50          |
| Trombay 7B        | 60                    | 100         |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1847</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 250         |
|                   | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3249        |
|                   | <b>3143</b>           | <b>3249</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>14322</b> |
|--|--------------|--------|--------------|