



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**24/Nov/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 24/Nov/2010 WEDNESDAY**

| <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                | 122.030        | 2717.307        | 1) Madhya Pradesh              | 56.148         | 1321.514        |
| 2) Hydro                  | 4.566          | 101.195         | 2) Gujrat                      | 14.024         | 401.378         |
| 3) Gas                    | 15.465         | 345.991         | 3) Goa                         | -6.551         | -145.288        |
| <b>Total MSGENCO</b>      | <b>142.061</b> | <b>3164.493</b> | 4) TAPS 1&2 (Inj.)             | 4.000          | 94.948          |
| <b>B) OTHERS</b>          |                |                 | 5) Pench (Excess)              | -0.148         | -7.321          |
| 1) RGPPL Gas              | 34.072         | 848.051         | <b># Total Cent. Sector</b>    | <b>67.473</b>  | <b>1665.231</b> |
| 2) Wind Generation        | 1.541          | 104.074         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP              | 10.477         | 210.649         | 1) With TPCL (Excess)          | -15.749        | -263.101        |
| 4) PENCH (MS)             | 0.148          | 7.321           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b>  |                |                 | 1) MSEDCL Bilateral            | 5.363          | 134.649         |
| 1) TPCL Thermal           | 26.002         | 616.196         | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro             | 2.774          | 73.467          | 2) MUMBAI Bilateral            | 16.976         | 283.328         |
| <b>TOTAL TPCL</b>         | <b>28.776</b>  | <b>689.663</b>  | Include PX                     | 8.110          | 114.084         |
| 3) REL Thermal            | 6.697          | 280.699         | 3) MUMBAI Schedule             | 16.976         | 284.208         |
| <b>D) STATE</b>           |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)     | 154.729        | 3614.202        | 1) MSEDCL                      | 240.023        | 5736.718        |
| 2) Hydro (A2+B3+C2)       | 7.488          | 181.983         | 2) TPCL                        | 34.923         | 822.762         |
| 3) Gas (A3+B1)            | 49.537         | 1194.042        | 3) REL                         | 16.295         | 410.664         |
| 4) Wind (B2)              | 1.541          | 104.074         | <b>TOTAL STATE</b>             | <b>291.241</b> | <b>6970.144</b> |
| 5) CPP (B3)               | 10.477         | 210.649         |                                |                |                 |
| <b>TOTAL STATE</b>        | <b>223.772</b> | <b>5304.950</b> |                                |                |                 |

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

| <b>PARTICULARS</b>                                                                    | <b>A. Morning Peak at 10 Hrs</b> | <b>B. Evening Peak at 19 Hrs</b> | <b>C. Night Minimum at 5 Hrs</b> |
|---------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MSGENCO Thermal                                                                       | 5337                             | 5205                             | 4751                             |
| MSGENCO Hydro                                                                         | 155                              | 682                              | 92                               |
| MSGENCO Gas                                                                           | 653                              | 646                              | 608                              |
| <b>MSGENCO Total Generation</b>                                                       | <b>6145</b>                      | <b>6533</b>                      | <b>5451</b>                      |
| Central Sector Receipt                                                                | 3123                             | 3563                             | 2068                             |
| RGPPL                                                                                 | 1444                             | 1539                             | 1441                             |
| WIND                                                                                  | 50                               | 98                               | 32                               |
| CPP / IPP                                                                             | 440                              | 433                              | 439                              |
| Exchange with TPCL                                                                    | -656                             | -811                             | -352                             |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>10572</b>                     | <b>11355</b>                     | <b>9079</b>                      |
| Load Shedding                                                                         | 192                              | 1759                             | 0                                |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>10764</b>                     | <b>13114</b>                     | <b>9079</b>                      |
| TPCL GENERATION                                                                       | 1423                             | 1514                             | 869                              |
| REL GENERATION                                                                        | 261                              | 261                              | 251                              |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2340</b>                      | <b>2586</b>                      | <b>1472</b>                      |
| <b>STATE DEMAND MET</b>                                                               | <b>12912</b>                     | <b>13941</b>                     | <b>10551</b>                     |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>13104</b>                     | <b>15700</b>                     | <b>10551</b>                     |
| Frequency (Hz)                                                                        | 49.77                            | 49.91                            | 50.01                            |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                                  |                                  | <b>2015 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>11.02 MUs.</b>                |

**FREQUENCY PARTICULARS**

| <b>MAXIMUM FREQ.</b>         | <b>MINIMUM FREQ.</b>         | <b>AVERAGE FREQ.</b> | <b>FREQ. BELOW 49Hz</b> |
|------------------------------|------------------------------|----------------------|-------------------------|
| <b>50.39 Hz at 03.03 Hrs</b> | <b>49.43 Hz at 20.03 Hrs</b> | <b>49.97</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 24/Nov/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.54        | 36.76         | 72       | 46       | 65       |
| Unit 2           | 1.58        | 37.82         | 73       | 60       | 65       |
| Unit 3           | 1.65        | 32.01         | 76       | 61       | 70       |
| Unit 4           | 1.58        | 9.35          | 80       | 53       | 60       |
| Unit 5           | 3.61        | 81.05         | 163      | 134      | 135      |
| Unit 6           | 3.51        | 82.67         | 173      | 116      | 130      |
| Unit 7           | 3.65        | 56.87         | 175      | 125      | 135      |
|                  | 17.12       | 336.54        |          |          | 660      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.00        | 12.45         | 50       | 16       | 45       |
| Unit 2           | 3.95        | 62.17         | 185      | 140      | 180      |
| Unit 3           | 4.24        | 96.62         | 190      | 160      | 185      |
|                  | 9.19        | 171.23        |          |          | 410      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.50        | 11.54         | 22       | 20       | 19       |
| Unit 2           | 0.46        | 11.04         | 21       | 15       | 18       |
| Unit 3           | 3.21        | 73.75         | 163      | 92       | 160      |
| Unit 4           | 3.84        | 91.41         | 180      | 149      | 175      |
| Unit 5           | 0.00        | 53.45         | 0        | 0        | 0        |
| Unit 6           | 3.70        | 94.17         | 173      | 125      | 150      |
| Unit 7           | 3.50        | 98.20         | 180      | 130      | 180      |
|                  | 15.21       | 433.57        |          |          | 702      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 3.63        | 83.86         | 164      | 134      | 160      |
| Unit 2           | 3.90        | 81.47         | 168      | 160      | 160      |
| Unit 3           | 3.93        | 72.99         | 194      | 125      | 175      |
| Unit 4           | 3.96        | 94.08         | 196      | 140      | 190      |
| Unit 5           | 9.08        | 194.32        | 440      | 300      | 425      |
| Unit 6           | 8.02        | 179.12        | 430      | 275      | 425      |
| Unit 7           | 7.80        | 194.93        | 380      | 296      | 400      |
|                  | 40.32       | 900.75        |          |          | 1935     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.00        | 9.87          | 0        | 0        | 0        |
| Unit 3           | 4.22        | 76.00         | 230      | 142      | 240      |
| Unit 4           | 4.43        | 105.25        | 237      | 154      | 250      |
|                  | 8.65        | 191.12        |          |          | 490      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.50        | 110.10        | 210      | 150      | 165      |
| Unit 2           | 4.35        | 62.75         | 197      | 155      | 170      |
| Unit 3           | 4.27        | 103.16        | 194      | 161      | 170      |
| Unit 4           | 3.83        | 96.77         | 173      | 146      | 170      |
|                  | 16.94       | 372.78        |          |          | 675      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.87        | 46.24         | 94       | 62       | 76       |
| Unit 2           | 0.00        | 33.20         | 0        | 0        | 0        |
| Unit 3           | 4.58        | 104.74        | 210      | 170      | 182      |
| Unit 4           | 4.04        | 28.60         | 192      | 150      | 162      |
| Unit 5           | 4.11        | 98.53         | 183      | 156      | 172      |
|                  | 14.60       | 311.31        |          |          | 592      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.34        | 34.98         | 160      | 30       | 600      |
| Stage 4          | 0.00        | 4.28          | 0        | 0        | 250      |
| Stage 3          | 0.15        | 9.63          | 110      | 0        | 320      |
|                  | 1.49        | 48.90         |          |          | 1170     |
| Kovna 12&4 Total | 1.34        | 39.26         |          |          | 850      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       | 15.46    | 345.99      | 690           | 578      | 630      |          |
|                 | 15.46    | 345.99      |               |          | 630      |          |
| Hydro           |          |             |               |          |          |          |
| KDPH            | 0.00     | 0.87        | 0             | 0        | 0        |          |
| VTRNA           | 0.00     | 0.00        | 0             | 0        | 0        |          |
| TILLARI         | 0.38     | 9.48        | 60            | 0        | 60       |          |
| BHTGR/VEER      | 0.17     | 1.80        | 8             | 7        | 5        |          |
| BHIRA T.R.      | 0.16     | 4.94        | 60            | 0        | 40       |          |
| RNGR+BHTSA      | 0.34     | 8.47        | 15            | 14       | 10       |          |
| BHANDARDRA      | 0.00     | 1.05        | 0             | 0        | 14       |          |
| ELDARY          | 0.41     | 4.10        | 18            | 15       | 0        |          |
| SMLHY PTN       | 0.40     | 6.06        | 23            | 13       | 18       |          |
| GHATGHAR        | 1.21     | 15.52       | 250           | 0        | 0        |          |
|                 | 3.08     | 52.30       |               |          | 147      |          |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      | 0.15     | 7.32        | 26            | 0        |          |          |
|                 | 0.15     | 7.32        |               |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      | 0.02     | 4.02        |               |          |          |          |
| Vankuswadi      | 0.14     | 11.95       |               |          |          |          |
| ATIT            | 0.01     | 1.74        |               |          |          |          |
| Kale            | 0.02     | 4.14        |               |          |          |          |
| Satara          | 0.12     | 11.86       |               |          |          |          |
| Shirala         | 0.01     | 4.19        |               |          |          |          |
| K Mahankal      | 0.01     | 5.35        |               |          |          |          |
| Supa            | 0.04     | 2.36        |               |          |          |          |
| Vita            | 0.34     | 19.36       |               |          |          |          |
| Dondaicha       | 0.33     | 19.15       |               |          |          |          |
| Sakri           | 0.05     | 3.38        |               |          |          |          |
| Nandurbar       | 0.03     | 1.87        |               |          |          |          |
| Khandke         | 0.34     | 9.16        |               |          |          |          |
| Khaparale       | 0.08     | 5.53        |               |          |          |          |
|                 | 1.54     | 104.07      |               |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       | 10.48    | 210.65      |               |          |          |          |
|                 | 10.48    | 210.65      |               |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           | 34.07    | 848.05      | 1543          | 1200     | 1565     |          |
|                 | 34.07    | 848.05      |               |          | 1565     |          |
| Tata            |          |             |               |          |          |          |
| Trombay 4       | 0.00     | 0.00        | 0             | 0        | 0        |          |
| Trombay 5       | 11.27    | 261.38      | 490           | 400      | 500      |          |
| Trombay 6       | 5.80     | 124.48      | 420           | 150      | 500      |          |
| Trombay 7A      | 2.80     | 68.88       | 128           | 96       | 50       |          |
| Trombay 7B      | 0.96     | 36.81       | 45            | 36       | 100      |          |
| Trombay 8       | 5.17     | 124.64      | 250           | 150      | 250      |          |
| TATA Hydro      | 2.77     | 73.47       | 402           | 0        | 447      |          |
|                 | 28.78    | 689.66      |               |          | 1847     |          |
| REL             |          |             |               |          |          |          |
| 1&2             | 6.70     | 280.70      | 496           | 251      | 250      |          |
|                 | 6.70     | 280.70      |               |          | 250      |          |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          | 3249     |          |
|                 |          |             |               |          | 3249     |          |
| MS PG CL        | Thermal  | 122.03      | 2717.31       |          | 5464     |          |
|                 | Thml+Gas | 137.50      | 3063.30       |          | 6094     |          |
|                 | Hydro    | 4.57        | 101.20        |          | 1317     |          |
|                 | Total    | 142.06      | 3164.49       |          | 7411     |          |
| State Total     |          | 223.77      | 5304.95       |          | 14322    |          |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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                  | 4818        | 92   | 604   | 5514   | 1440  | 53   | 426          | 1975        | 1905        | -406         | -365                 | 8973                    | 0               | 8973                        | 1758                    | 10731                    | 49.95         |
| 2                  | 4759        | 92   | 598   | 5449   | 1442  | 70   | 443          | 1972        | 1933        | -359         | -320                 | 9017                    | 0               | 9017                        | 1630                    | 10647                    | 50.08         |
| 3                  | 4755        | 98   | 602   | 5455   | 1443  | 54   | 428          | 2017        | 2109        | -362         | -311                 | 9178                    | 0               | 9178                        | 1542                    | 10720                    | 50.16         |
| 4                  | 4763        | 93   | 690   | 5546   | 1443  | 37   | 424          | 2068        | 2050        | -387         | -344                 | 9156                    | 0               | 9156                        | 1476                    | 10632                    | 50.16         |
| 5                  | 4751        | 92   | 608   | 5451   | 1441  | 32   | 439          | 2068        | 2068        | -387         | -352                 | 9079                    | 0               | 9079                        | 1472                    | 10551                    | 50.01         |
| 6                  | 4984        | 188  | 578   | 5750   | 1435  | 60   | 445          | 2500        | 2407        | -410         | -375                 | 9722                    | 0               | 9722                        | 1551                    | 11273                    | 49.86         |
| 7                  | 5387        | 97   | 660   | 6144   | 1435  | 46   | 439          | 2713        | 2479        | -480         | -430                 | 10113                   | 0               | 10113                       | 1704                    | 11817                    | 49.91         |
| 8                  | 5407        | 95   | 659   | 6161   | 1438  | 33   | 440          | 2648        | 2706        | -502         | -488                 | 10290                   | 0               | 10290                       | 1787                    | 12077                    | 49.84         |
| 9                  | 5383        | 117  | 655   | 6155   | 1440  | 33   | 443          | 2765        | 2772        | -620         | -582                 | 10261                   | 0               | 10261                       | 2041                    | 12302                    | 49.90         |
| 10                 | 5337        | 155  | 653   | 6145   | 1444  | 50   | 440          | 2968        | 3123        | -697         | -656                 | 10572                   | 192             | 10764                       | 2340                    | 13104                    | 49.77         |
| 11                 | 5457        | 160  | 661   | 6278   | 1450  | 67   | 442          | 3210        | 2656        | -831         | -808                 | 10111                   | 272             | 10383                       | 2610                    | 12993                    | 49.96         |
| 12                 | 5330        | 169  | 663   | 6162   | 1437  | 73   | 438          | 3285        | 2443        | -836         | -781                 | 9797                    | 456             | 10253                       | 2671                    | 12924                    | 50.05         |
| 13                 | 4981        | 81   | 661   | 5723   | 1366  | 48   | 433          | 3374        | 2934        | -927         | -703                 | 9811                    | 480             | 10291                       | 2586                    | 12877                    | 50.01         |
| 14                 | 4910        | 93   | 659   | 5662   | 1201  | 45   | 418          | 3394        | 3491        | -932         | -879                 | 9938                    | 434             | 10372                       | 2524                    | 12896                    | 49.97         |
| 15                 | 4866        | 153  | 648   | 5667   | 1200  | 42   | 415          | 3337        | 3550        | -924         | -872                 | 10002                   | 619             | 10621                       | 2474                    | 13095                    | 49.90         |
| 16                 | 4886        | 158  | 651   | 5695   | 1214  | 34   | 415          | 3251        | 3322        | -924         | -882                 | 9798                    | 684             | 10482                       | 2472                    | 12954                    | 49.91         |
| 17                 | 5157        | 142  | 658   | 5957   | 1351  | 37   | 416          | 3251        | 3287        | -924         | -876                 | 10172                   | 779             | 10951                       | 2484                    | 13435                    | 49.88         |
| 18                 | 5200        | 336  | 656   | 6192   | 1532  | 66   | 416          | 3155        | 3193        | -828         | -783                 | 10616                   | 886             | 11502                       | 2479                    | 13981                    | 49.87         |
| 19                 | 5205        | 682  | 646   | 6533   | 1539  | 98   | 433          | 3427        | 3563        | -862         | -811                 | 11355                   | 1759            | 13114                       | 2586                    | 15700                    | 49.91         |
| 20                 | 5211        | 508  | 644   | 6363   | 1543  | 90   | 466          | 3632        | 3549        | -910         | -865                 | 11156                   | 1849            | 13005                       | 2543                    | 15548                    | 49.91         |
| 21                 | 5157        | 420  | 649   | 6226   | 1526  | 114  | 480          | 3398        | 3253        | -886         | -835                 | 10790                   | 1605            | 12395                       | 2328                    | 14723                    | 49.96         |
| 22                 | 5165        | 227  | 648   | 6040   | 1436  | 128  | 469          | 3337        | 3113        | -886         | -836                 | 10375                   | 1497            | 11872                       | 2171                    | 14043                    | 50.03         |
| 23                 | 5102        | 217  | 657   | 5976   | 1440  | 111  | 438          | 3234        | 3083        | -910         | -861                 | 10187                   | 0               | 10187                       | 2070                    | 12257                    | 50.03         |
| 24                 | 5059        | 101  | 657   | 5817   | 1436  | 120  | 431          | 2839        | 2484        | -789         | -734                 | 9554                    | 0               | 9554                        | 1923                    | 11477                    | 50.13         |
| MUs                | 122.0<br>3  | 4.57 | 15.46 | 142.06 | 34.07 | 1.54 | 10.48        | 69.82       | 67.47       | -16.98       | -15.75               | 240.02                  | 11.51           | 251.54                      | 51.22                   | 302.76                   | 49.97         |

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 24/Nov/2010**

Position as on 6.30 Hrs of 25/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 Refuelling.                        | 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.           | 26/11/2010    |
| Cent_Sect KARPR2        | 220      | 21/11/2010   | 00.09        | 24/11/2010 | 20.38      | Safty checking.                         |               |
| Cent_Sect NTPC(K-6)     | 500      | 23/11/2010   | 01.36        | 24/11/2010 | 00.11      | Boiler tube leakage.                    |               |
| Cent_Sect NTPC(V-8)     | 500      | 24/11/2010   | 05.54        | 24/11/2010 | 09.30      | Electrical fault.                       |               |
| Dabhol 3B               | 230      | 24/11/2010   | 12.37        | 24/11/2010 | 15.40      | Hydrolic oil pressure                   |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 24/Nov/2010**

Position as on 6.30 Hrs of 25/Nov/2010

| Name of Line                                       | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d Time | Reason of Outage                                                                           |
|----------------------------------------------------|--------------|--------------|-----------------------------------|--------------------|--------------------------------------------------------------------------------------------|
| <b>InterState</b>                                  |              |              |                                   |                    |                                                                                            |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                            |
| Tillari-Amona-II                                   | 24/11/2010   | 12:50        | 24/11/2010                        | 15:30              | To avail outage on Mudshingi-Ponda line.                                                   |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                                                            |
| 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        | 24/11/2010                        | 11:25              | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - II                             | 20/11/2010   | 23.02        |                                   | Continued.         | Over Voltage.                                                                              |
| Dhule-Sar'Sarovar - I                              | 23/11/2010   | 22.31        | 24/11/2010                        | 08:57              | Over Voltage                                                                               |
| Kolhapur - Mapusa - I                              | 24/11/2010   | 22.32        |                                   | Continued.         | Over Voltage                                                                               |
| Dhule-Sar'Sarovar - I                              | 25/11/2010   | 01.38        |                                   | Continued.         | Over Voltage                                                                               |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> TRIPPED        |                    |                                                                                            |
| Tillary-Amona                                      | 23/11/2010   | 15.24        | 24/11/2010                        | 08:32              | Tripped                                                                                    |
| Mudsungii-Amona                                    | 23/11/2010   | 17.14        |                                   | Continued.         | Distance protection.                                                                       |
| MUDSHINGI-CHIKODI                                  | 24/11/2010   | 13:40        |                                   | Continued.         | Dist. Prot.                                                                                |
| <b>IntraState</b>                                  |              |              |                                   |                    |                                                                                            |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                            |
| 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.                                                      |
| Karad-Lamboti                                      | 24/11/2010   | 08:35        | 24/11/2010                        | 18:32              | Stringing of E/W.(Location 2 to 10)                                                        |
| Parli - Lamboti                                    | 24/11/2010   | 08:36        | 24/11/2010                        | 18:10              | Stringing of E/W. (Location 2 to 10)                                                       |
| C'pur-Parli II                                     | 24/11/2010   | 10.55        | 24/11/2010                        | 16.20              | To attend Hot Spot                                                                         |
| Khadka-Deepnagar-I                                 | 24/11/2010   | 14.13        | 24/11/2010                        | 17.45              | To attend Red Hot on Line Isolator                                                         |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                                                            |
| 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.                                                                    |
| Main Bus-II At 400KV Chandrapur.                   | 23/11/2010   | 08.48        | 24/11/2010                        | 23.00              | Relay Testing and measurement of tan delta of 220KV bus coupler CT.                        |
| Main Bus-II At 400KV Chandrapur.                   | 24/11/2010   | 08.48        | 24/11/2010                        | 23.59              | REPL,Fully take off assamblesy of Bus -II Isolator                                         |
| Gadchandur-Virur-I                                 | 24/11/2010   | 09.15        | 24/11/2010                        | 12.06              | Q.M.Work                                                                                   |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 24/Nov/2010**

Position as on 6.30 Hrs of 25/Nov/2010

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date               | Synchronise d Time | Reason of Outage                        |
|----------------------------------------|--------------|--------------|----------------------------------|--------------------|-----------------------------------------|
| Butibori TSS - Butibori(MIDC)          | 24/11/2010   | 10.08        | 24/11/2010                       | 13.40              | REPL,of LA at Butibori TSS              |
| Kalwa - Borivali                       | 24/11/2010   | 10:06        | 24/11/2010                       | 12:38              | To attend Red Hot.                      |
| Kalwa - Tifil                          | 24/11/2010   | 11:50        | 24/11/2010                       | 15:02              | Commissioning of Numerical Relay.       |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type FORCED OUTAGE</b> |                    |                                         |
| Khaparkheda - Kanhan - I               | 24/11/2010   | 09.49        | 24/11/2010                       | 11.01              | Removing Broken Earth Wire              |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                         |
| Lonikand- Koyna Stage IV               | 24/11/2010   | 00.11        | 24/11/2010                       | 08:10              | Over Voltage                            |
| Bablsr-Aurangabad                      | 24/11/2010   | 00.12        | 24/11/2010                       | 05.08              | Over Voltge                             |
| Karad-Lamboti                          | 24/11/2010   | 00.49        | 24/11/2010                       | 05.52              | Over Voltage.                           |
| Bhusawal- Aurangabad                   | 24/11/2010   | 23.43        | 25/11/2010                       | 06.03              | Over Voltage                            |
| Karad - Kolhapur - I                   | 25/11/2010   | 00.41        | 25/11/2010                       | 06.17              | Over Voltage                            |
| Lonikand- Koyna Stage IV               | 25/11/2010   | 00.43        |                                  | Continued.         | Over Voltage                            |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>  |                    |                                         |
| Kanhan - Bhandara - I                  | 24/11/2010   | 09.47        | 24/11/2010                       | 11.02              | Kanhan-K'Kheda Ckt I&II outage          |
| Kanhan - Bhandara - II                 | 24/11/2010   | 09.47        | 24/11/2010                       | 11.02              | Kanhan-K'Kheda Ckt I&II outage          |
| Bus Cupler at Salset.                  | 24/11/2010   | 11:10        | 24/11/2010                       | 12:32              | Line Loding for Mulund -Borivali        |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>       |                    |                                         |
| 400/220 KV 315 MVA ICT-II @ Chandrapur | 24/11/2010   | 18.22        | 24/11/2010                       | 19.53              | Lv side on TBC for Isolator work        |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type TRIPPED</b>       |                    |                                         |
| 220/132 KV 200 MVA ICT - II @ Theur    | 20/11/2010   | 21.32        |                                  | Continued.         | Differantial Protection.                |
| Aurangabad-Shendra                     | 24/11/2010   | 06.40        | 24/11/2010                       | 10.01              | R phase Jumper broken at Shendra end    |
| Aurangabad-Jalna-II                    | 24/11/2010   | 06.40        | 24/11/2010                       | 07.13              | R phase Jumper Broken at Shendra end    |
| Chandrapur - Rly TSS - I               | 24/11/2010   | 08.30        | 24/11/2010                       | 16.30              | Ckt.on TBC for 29B Bus-II Isolator work |
| Borivali-Mulund                        | 24/11/2010   | 11:10        | 24/11/2010                       | 12:35              | Tripped at Mulund end only.             |
| Pedambe-Kharepatan                     | 24/11/2010   | 15:12        | 24/11/2010                       | 17:05              | Dist. Prot.                             |
| Phinolex-Kharepatan                    | 24/11/2010   | 15:12        | 24/11/2010                       | 16:20              | Back up Prot.                           |
| <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.  |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 25/Nov/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 65          |
| Unit 2             | 105                   | 65          |
| Unit 3             | 105                   | 55          |
| Unit 4             | 105                   | 65          |
| Unit 5             | 200                   | 145         |
| Unit 6             | 210                   | 130         |
| Unit 7             | 210                   | 145         |
|                    | <b>1040</b>           | <b>670</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 25          |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 185         |
|                    | <b>478</b>            | <b>360</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 20          |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 185         |
| Unit 7             | 250                   | 180         |
|                    | <b>1190</b>           | <b>715</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 160         |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 190         |
| Unit 5             | 500                   | 300         |
| Unit 6             | 500                   | 300         |
| Unit 7             | 500                   | 300         |
|                    | <b>2340</b>           | <b>1590</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 0           |
| Unit 3             | 250                   | 210         |
| Unit 4             | 250                   | 210         |
|                    | <b>555</b>            | <b>420</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 210         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 180         |
|                    | <b>840</b>            | <b>800</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 76          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 182         |
| Unit 4             | 210                   | 162         |
| Unit 5             | 210                   | 162         |
|                    | <b>870</b>            | <b>582</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                   | 640         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>640</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 10          |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 10          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 9           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>129</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                   | 60          |
| Trombay 7B        | 60                    | 100         |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1857</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 250         |
|                   | <b>500</b>            | <b>250</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3251        |
|                   | <b>3143</b>           | <b>3251</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>13999</b> |
|--|--------------|--------|--------------|