



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**27/Sep/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 27/Sep/2010 MONDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 88.799         | 1864.380        | 1) Madhya Pradesh              | 55.932         | 1596.042        |
| 2) Hydro                 | 6.185          | 206.058         | 2) Gujrat                      | 35.970         | 873.360         |
| 3) Gas                   | 15.370         | 420.666         | 3) Goa                         | -6.569         | -155.435        |
| <b>Total MSGENCO</b>     | <b>110.354</b> | <b>2491.104</b> | 4) TAPS 1&2 (Inj.)             | 7.649          | 202.198         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.358         | -7.575          |
| 1) RGPPL Gas             | 36.088         | 972.893         | <b># Total Cent. Sector</b>    | <b>92.624</b>  | <b>2508.590</b> |
| 2) Wind Generation       | 3.267          | 231.348         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP             | 8.636          | 226.245         | 1) With TPCL (Excess)          | -13.529        | -275.329        |
| 4) PENCH (MS)            | 0.358          | 9.862           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 12.941         | 213.044         |
| 1) TPCL Thermal          | 27.685         | 656.249         | Include PX                     | 5.760          | 138.918         |
| 2) TPCL Hydro            | 2.760          | 110.486         | 2) MUMBAI Bilateral            | 14.457         | 295.763         |
| <b>TOTAL TPCL</b>        | <b>30.445</b>  | <b>766.735</b>  | Include PX                     | 4.572          | 62.448          |
| 3) REL Thermal           | 12.562         | 338.748         | 3) MUMBAI Schedule             | 14.457         | 295.763         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 129.046        | 2859.377        | 1) MSEDCL                      | 237.798        | 6164.713        |
| 2) Hydro (A2+B3+C2)      | 9.303          | 326.406         | 2) TPCL                        | 36.984         | 907.906         |
| 3) Gas (A3+B1)           | 51.458         | 1393.559        | 3) REL                         | 19.551         | 465.391         |
| 4) Wind (B2)             | 3.267          | 231.348         | <b>TOTAL STATE</b>             | <b>294.333</b> | <b>7538.010</b> |
| 5) CPP (B3)              | 8.636          | 226.245         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>201.710</b> | <b>5036.935</b> |                                |                |                 |

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

| PARTICULARS                                                                | A. Morning Peak at 12 Hrs | B. Evening Peak at 20 Hrs | C. Night Minimum at 3 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 3721                      | 3444                      | 3699                      |
| MSGENCO Hydro                                                              | 174                       | 1000                      | 123                       |
| MSGENCO Gas                                                                | 625                       | 666                       | 673                       |
| <b>MSGENCO Total Generation</b>                                            | <b>4520</b>               | <b>5110</b>               | <b>4495</b>               |
| Central Sector Receipt                                                     | 4170                      | 3684                      | 3587                      |
| RGPPL                                                                      | 1436                      | 1542                      | 1469                      |
| WIND                                                                       | 130                       | 130                       | 129                       |
| CPP / IPP                                                                  | 364                       | 350                       | 362                       |
| Exchange with TPCL                                                         | -822                      | -627                      | -233                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9798</b>               | <b>10242</b>              | <b>9809</b>               |
| Load Shedding                                                              | 1453                      | 2676                      | 0                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11251</b>              | <b>12918</b>              | <b>9809</b>               |
| TPCL GENERATION                                                            | 1567                      | 1542                      | 924                       |
| REL GENERATION                                                             | 522                       | 523                       | 526                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2911</b>               | <b>2692</b>               | <b>1683</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12709</b>              | <b>12934</b>              | <b>11492</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>14162</b>              | <b>15610</b>              | <b>11492</b>              |
| Frequency (Hz)                                                             | 49.92                     | 49.65                     | 49.94                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 2776 MW at 21.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 36.05 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.        | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|----------------------|-----------------------|---------------|------------------|
| 50.3 Hz at 10.08 Hrs | 49.17 Hz at 19.22 Hrs | 49.89         | 0 % of Time(min) |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 27/Sep/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.20        | 20.07         | 62       | 39       | 45       |
| Unit 2           | 0.00        | 23.37         | 0        | 0        | 0        |
| Unit 3           | 1.13        | 34.66         | 55       | 25       | 45       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 1.57        | 55.50         | 104      | 0        | 65       |
| Unit 6           | 1.98        | 70.64         | 117      | 35       | 95       |
| Unit 7           | 2.20        | 82.61         | 115      | 35       | 100      |
|                  | 8.08        | 286.85        |          |          | 350      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 1.00        | 3.75          | 50       | 29       | 45       |
| Unit 2           | 0.00        | 50.46         | 0        | 0        | 0        |
| Unit 3           | 3.23        | 36.46         | 155      | 100      | 150      |
|                  | 4.23        | 90.67         |          |          | 195      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.22        | 4.09          | 23       | 0        | 0        |
| Unit 3           | 2.71        | 24.36         | 123      | 83       | 112      |
| Unit 4           | 3.40        | 77.81         | 152      | 129      | 132      |
| Unit 5           | 2.56        | 56.82         | 123      | 86       | 120      |
| Unit 6           | 4.65        | 76.82         | 234      | 146      | 190      |
| Unit 7           | 2.95        | 40.58         | 242      | 55       | 195      |
|                  | 16.51       | 280.48        |          |          | 749      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.57        | 54.24         | 121      | 92       | 130      |
| Unit 2           | 2.75        | 27.84         | 123      | 102      | 110      |
| Unit 3           | 3.15        | 31.02         | 149      | 108      | 140      |
| Unit 4           | 0.66        | 23.70         | 100      | 0        | 0        |
| Unit 5           | 8.54        | 151.32        | 390      | 270      | 400      |
| Unit 6           | 7.71        | 123.34        | 370      | 280      | 350      |
| Unit 7           | 8.32        | 107.17        | 395      | 266      | 370      |
|                  | 33.68       | 518.64        |          |          | 1500     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.64        | 18.92         | 44       | 24       | 20       |
| Unit 3           | 3.64        | 68.32         | 173      | 121      | 130      |
| Unit 4           | 2.91        | 60.31         | 173      | 61       | 130      |
|                  | 7.18        | 147.55        |          |          | 280      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.08        | 116.05        | 210      | 115      | 200      |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 1.87        | 110.19        | 146      | 0        | 100      |
| Unit 4           | 3.76        | 88.64         | 175      | 150      | 160      |
|                  | 9.71        | 314.88        |          |          | 460      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.39        | 32.14         | 93       | 23       | 40       |
| Unit 2           | 0.00        | 11.52         | 0        | 0        | 0        |
| Unit 3           | 3.99        | 67.12         | 190      | 140      | 160      |
| Unit 4           | 0.00        | 42.02         | 0        | 0        | 0        |
| Unit 5           | 4.03        | 72.51         | 196      | 121      | 160      |
|                  | 9.41        | 225.32        |          |          | 360      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.12        | 60.44         | 330      | 30       | 600      |
| Stage 4          | 0.00        | 0.00          | 0        | 0        | 0        |
| Stage 3          | 0.70        | 23.34         | 264      | 0        | 320      |
|                  | 2.83        | 83.78         |          |          | 920      |
| Kovna 12&4 Total | 2.12        | 60.44         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.37       | 420.67        | 677      | 467      | 640      |
|                 |          | 15.37       | 420.67        |          |          | 640      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.90        | 14.47         | 38       | 37       | 0        |
| VTRNA           |          | 0.00        | 5.43          | 0        | 0        | 0        |
| TILLARI         |          | 0.29        | 5.87          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.06        | 3.57          | 3        | 2        | 3        |
| BHIRA T.R.      |          | 0.19        | 10.45         | 82       | 0        | 80       |
| RNGR+BHTSA      |          | 0.06        | 9.86          | 3        | 2        | 2        |
| BHANDARDRA      |          | 0.10        | 13.87         | 25       | 0        | 35       |
| ELDARY          |          | 0.50        | 11.41         | 22       | 21       | 22       |
| SMLHY PTN       |          | 0.12        | 19.68         | 12       | 2        | 13       |
| GHATGHAR        |          | 1.13        | 27.68         | 250      | 0        | 0        |
|                 |          | 3.36        | 122.28        |          |          | 215      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.36        | 9.86          | 53       | 0        |          |
|                 |          | 0.36        | 9.86          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.12        | 10.68         |          |          |          |
| Vankuswadi      |          | 0.39        | 22.53         |          |          |          |
| ATIT            |          | 0.04        | 8.00          |          |          |          |
| Kale            |          | 0.11        | 8.87          |          |          |          |
| Satara          |          | 0.48        | 21.87         |          |          |          |
| Shirala         |          | 0.12        | 8.47          |          |          |          |
| K Mahankal      |          | 0.01        | 8.30          |          |          |          |
| Supa            |          | 0.06        | 3.59          |          |          |          |
| Vita            |          | 0.35        | 38.24         |          |          |          |
| Dondaicha       |          | 0.42        | 56.29         |          |          |          |
| Sakri           |          | 0.05        | 11.43         |          |          |          |
| Nandurbar       |          | 0.69        | 7.57          |          |          |          |
| Khandke         |          | 0.25        | 14.72         |          |          |          |
| Khaparale       |          | 0.17        | 10.77         |          |          |          |
|                 |          | 3.27        | 231.35        |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 8.64        | 226.24        |          |          |          |
|                 |          | 8.64        | 226.24        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 36.09       | 972.89        | 1554     | 1436     | 1563     |
|                 |          | 36.09       | 972.89        |          |          | 1563     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.48       | 273.36        | 490      | 420      | 500      |
| Trombay 6       |          | 6.66        | 129.70        | 480      | 150      | 500      |
| Trombay 7A      |          | 2.89        | 78.68         | 123      | 118      | 120      |
| Trombay 7B      |          | 1.61        | 43.58         | 68       | 66       | 60       |
| Trombay 8       |          | 5.05        | 130.92        | 248      | 160      | 250      |
| TATA Hydro      |          | 2.76        | 110.49        | 351      | 0        | 447      |
|                 |          | 30.44       | 766.74        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.56       | 338.75        | 526      | 520      | 500      |
|                 |          | 12.56       | 338.75        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3968     |
|                 |          |             |               |          |          | 3968     |
| MS PG CL        | Thermal  | 88.80       | 1864.38       |          |          | 3894     |
|                 | Thml+Gas | 104.17      | 2285.05       |          |          | 4534     |
|                 | Hydro    | 6.18        | 206.06        |          |          | 1135     |
|                 | Total    | 110.35      | 2491.10       |          |          | 5669     |
| State Total     |          | 201.71      | 5036.94       |          |          | 13577    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 27/Sep/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                  | 3632         | 246         | 655          | 4533          | 1488         | 107         | 371          | 3713         | 3260         | -463          | -274                 | 9485                    | 283             | 9768                        | 1958                    | 11726                    | 49.86         |
| 2                  | 3631         | 123         | 650          | 4404          | 1468         | 127         | 368          | 3613         | 3513         | -367          | -315                 | 9592                    | 227             | 9819                        | 1793                    | 11612                    | 49.90         |
| 3                  | 3699         | 123         | 673          | 4495          | 1469         | 129         | 362          | 3481         | 3587         | -251          | -233                 | 9809                    | 0               | 9809                        | 1683                    | 11492                    | 49.94         |
| 4                  | 3728         | 123         | 675          | 4526          | 1483         | 136         | 367          | 3405         | 3533         | -180          | -159                 | 9886                    | 4               | 9890                        | 1608                    | 11498                    | 49.99         |
| 5                  | 3813         | 128         | 672          | 4613          | 1487         | 171         | 363          | 3405         | 3570         | -180          | -141                 | 10063                   | 591             | 10654                       | 1608                    | 12262                    | 49.91         |
| 6                  | 3922         | 133         | 672          | 4727          | 1544         | 179         | 366          | 3454         | 3694         | -180          | -155                 | 10355                   | 946             | 11301                       | 1662                    | 12963                    | 49.81         |
| 7                  | 3943         | 102         | 677          | 4722          | 1545         | 188         | 364          | 3805         | 3196         | -326          | -299                 | 9716                    | 1248            | 10964                       | 1815                    | 12779                    | 50.01         |
| 8                  | 3929         | 118         | 677          | 4724          | 1543         | 155         | 366          | 3853         | 3360         | -374          | -340                 | 9808                    | 1173            | 10981                       | 1908                    | 12889                    | 50.06         |
| 9                  | 3822         | 165         | 660          | 4647          | 1535         | 118         | 368          | 4078         | 3781         | -592          | -580                 | 9869                    | 1050            | 10919                       | 2235                    | 13154                    | 49.88         |
| 10                 | 3723         | 165         | 657          | 4545          | 1530         | 112         | 362          | 4278         | 4235         | -774          | -753                 | 10058                   | 1246            | 11304                       | 2620                    | 13924                    | 49.92         |
| 11                 | 3747         | 176         | 649          | 4572          | 1448         | 119         | 364          | 4316         | 4152         | -854          | -840                 | 9842                    | 1432            | 11274                       | 2829                    | 14103                    | 50.00         |
| 12                 | 3721         | 174         | 625          | 4520          | 1436         | 130         | 364          | 4250         | 4170         | -878          | -822                 | 9798                    | 1453            | 11251                       | 2911                    | 14162                    | 49.92         |
| 13                 | 3765         | 293         | 617          | 4675          | 1438         | 143         | 362          | 4225         | 4213         | -878          | -835                 | 9996                    | 1462            | 11458                       | 2922                    | 14380                    | 49.96         |
| 14                 | 3885         | 112         | 614          | 4611          | 1478         | 156         | 364          | 4239         | 4103         | -854          | -828                 | 9884                    | 1389            | 11273                       | 2843                    | 14116                    | 49.91         |
| 15                 | 3884         | 121         | 614          | 4619          | 1497         | 139         | 362          | 4263         | 4265         | -878          | -855                 | 10027                   | 1426            | 11453                       | 2919                    | 14372                    | 49.75         |
| 16                 | 3877         | 171         | 626          | 4674          | 1483         | 147         | 352          | 4263         | 4199         | -878          | -860                 | 9995                    | 1363            | 11358                       | 2944                    | 14302                    | 49.83         |
| 17                 | 3730         | 205         | 634          | 4569          | 1485         | 130         | 354          | 4263         | 4281         | -878          | -848                 | 9971                    | 1521            | 11492                       | 2924                    | 14416                    | 49.94         |
| 18                 | 3572         | 174         | 467          | 4213          | 1554         | 150         | 352          | 4214         | 3832         | -830          | -799                 | 9328                    | 1591            | 10919                       | 2838                    | 13757                    | 49.92         |
| 19                 | 3571         | 503         | 513          | 4587          | 1538         | 131         | 354          | 3937         | 4010         | -574          | -552                 | 10120                   | 2186            | 12306                       | 2614                    | 14920                    | 49.79         |
| 20                 | 3444         | 1000        | 666          | 5110          | 1542         | 130         | 350          | 4030         | 3684         | -665          | -627                 | 10242                   | 2676            | 12918                       | 2692                    | 15610                    | 49.65         |
| 21                 | 3357         | 717         | 672          | 4746          | 1461         | 121         | 344          | 4031         | 4142         | -665          | -621                 | 10246                   | 2415            | 12661                       | 2532                    | 15193                    | 49.80         |
| 22                 | 3431         | 574         | 665          | 4670          | 1543         | 102         | 353          | 3839         | 4053         | -605          | -561                 | 10213                   | 2243            | 12456                       | 2342                    | 14798                    | 49.80         |
| 23                 | 3503         | 434         | 666          | 4603          | 1544         | 135         | 355          | 3871         | 4025         | -696          | -644                 | 10038                   | 1864            | 11902                       | 2208                    | 14110                    | 49.80         |
| 24                 | 3470         | 105         | 674          | 4249          | 1549         | 112         | 349          | 3811         | 3766         | -636          | -588                 | 9457                    | 1719            | 11176                       | 2128                    | 13304                    | 49.93         |
| <b>MUs</b>         | <b>88.80</b> | <b>6.18</b> | <b>15.37</b> | <b>110.35</b> | <b>36.09</b> | <b>3.27</b> | <b>8.64</b>  | <b>94.64</b> | <b>92.62</b> | <b>-14.46</b> | <b>-13.53</b>        | <b>237.80</b>           | <b>31.51</b>    | <b>269.31</b>               | <b>56.54</b>            | <b>325.84</b>            | <b>49.89</b>  |

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 27/Sep/2010**

Position as on 6.30 Hrs of 28/Sep/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 30/12/2010    |
| Koyna ST-IV 1           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST-IV 2           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 4         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST - IV 3         | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Cent_Sect KARPR2        | 220      | 14/08/2010   | 14:16        |            | Continued. | Annual Overhaul.                        | 30/09/2010    |
| Koradi Unit 4           | 115      | 24/08/2010   | 06.02        |            | Continued. | Annual Overhaul.                        | 05/10/2010    |
| Khaparkheda Unit 2      | 210      | 27/08/2010   | 23.40        |            | Continued. | Capital Overhaul                        | 05/10/2010    |
| Nasik Unit 4            | 210      | 15/09/2010   | 10.55        |            | Continued. | Annual Overhaul.                        | 10/10/2010    |
| Cent_Sect NTPC(V-6)     | 210      | 19/09/2010   | 13.56        |            | Continued. | Annual overhaul.                        | 09/10/2010    |
| <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.                               |               |
| Parli Unit 1            | 30       | 18/06/2010   | 12:11        |            | Continued. | For Scrapping.                          |               |
| Dabhol 2A               | 230      | 12/07/2010   | 01.55        |            | Continued. | Tripped due to Electrical Fault         | 30/09/2010    |
| Nasik Unit 2            | 125      | 10/09/2010   | 01.00        |            | Continued. | Bunkering Problem.                      | 29/09/2010    |
| Chandrapur Unit 4       | 210      | 22/09/2010   | 01.27        | 27/09/2010 | 11.51      | Boiler Tube Leakage                     |               |
| Koradi Unit 2           | 105      | 23/09/2010   | 10.32        |            | Continued. | Bunkering Problem.                      | 29/09/2010    |
| Bhusawal Unit 2         | 210      | 25/09/2010   | 07.25        |            | Continued. | Boiler tube leakage.                    | 29/09/2010    |
| Parli Unit 2            | 30       | 26/09/2010   | 07.35        | 27/09/2010 | 13.17      | Flame failure.                          |               |
| Khaparkheda Unit 3      | 210      | 27/09/2010   | 00.20        | 27/09/2010 | 04.29      | Drum level low.                         |               |
| Khaparkheda Unit 3      | 210      | 27/09/2010   | 17.51        | 27/09/2010 | 22.08      | Drum Level High                         |               |
| Koradi Unit 5           | 200      | 27/09/2010   | 19.35        | 28/09/2010 | 04.40      | Flame Failure                           |               |
| Koradi Unit 3           | 105      | 28/09/2010   | 03.38        |            | Continued. | Low Coal Flow                           | 29/09/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Sep/2010**

Position as on 6.30 Hrs of 28/Sep/2010

| Name of Line                                       | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                |
|----------------------------------------------------|--------------|--------------|-----------------------------------|-------------------|-----------------------------------------------------------------|
| <b>InterState</b>                                  |              |              |                                   |                   |                                                                 |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                 |
| Wardha - Akola - I                                 | 21/09/2010   | 17.45        |                                   | Continued.        | Interchange                                                     |
| Kolhapur - Mapusa - I                              | 23/09/2010   | 09.48        |                                   | Continued.        | C.B.Problem at Kolhapur.                                        |
| Akola - Aurangabad - I                             | 25/09/2010   | 14.21        |                                   | Continued.        | Over Voltage.                                                   |
| Dhule-S'Sarovar I                                  | 26/09/2010   | 23.27.       |                                   | Continued.        | Over Voltage.                                                   |
| <b>Voltage Level : 132KV</b>                       |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                 |
| Mansar-Pench                                       | 27/09/2010   | 18.30        | 27/09/2010                        | 19.00             | 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.                                                |
| Main Bus - II @ Koyna Stg - IV                     | 26/09/2010   | 10.45        |                                   | Continued.        | Maintenance Work.                                               |
| Dabhol - Nagothane - I                             | 27/09/2010   | 10.14        |                                   | Continued.        | To attend sparking near B phase wave trap at Dabhol end         |
| Main Bus-II @ Kolhapur                             | 27/09/2010   | 13.08        |                                   | Continued.        | Replacement of R phase pentagraph                               |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                 |
| 220/100KV 125MVA ICT-IV @ Kalwa                    | 02/08/2010   | 10.10        |                                   | Continued.        | Repl.125 MVA ICT by 200 MVA New ICT.                            |
| 220/100 125 MVA ICT - II @ Trombay                 | 23/08/2010   | 12.17        |                                   | Continued.        | Dismantling of existing ICT and commissioning of New 200MVA ICT |
| Aurangabad-Shendra                                 | 27/09/2010   | 06.10        | 27/09/2010                        | 17.22             | Conductor and E/W String for old Jalna I&II                     |
| Aurangabad-Jalna-II                                | 27/09/2010   | 06.47        | 27/09/2010                        | 17.58             | Conductor and E/W string for old Jalna I&II                     |
| Main Bus at Jalna                                  | 27/09/2010   | 06.59        | 27/09/2010                        | 18.15             | Jumpering of Main Bus Isolator for Chikhali I&II                |
| Mahad-Nagothane                                    | 27/09/2010   | 08.19        | 27/09/2010                        | 18.36             | Insulator String replacement                                    |
| Chalisgaon - Malegaon                              | 27/09/2010   | 11.07        |                                   | Continued.        | Main Breaker replacement(ckt is on TBC)                         |
| <b>Voltage Level : 132KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                 |
| 132 KV Main Bus at Jalna                           | 27/09/2010   | 06.10        | 27/09/2010                        | 13.50             | Jumpering of Main Bus Isolator for Chikhali I&II                |
| Kanhan - Bhandara                                  | 27/09/2010   | 12.30        |                                   | Continued.        | Main Breaker replacement                                        |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type FORCED OUTAGE</b>  |                   |                                                                 |
| New Koyna - Karad - I                              | 24/09/2010   | 00.05        |                                   | Continued.        | Taken on TBC, Breaker Problem.                                  |
| <b>Voltage Level : 400KV</b>                       |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                 |
| 80 MVAR Line Reactor of Lonikand - Karad @ Karad   | 04/03/2010   | 11.58        |                                   | Continued.        | Red Hot Spot Observed on Earthing.                              |
| Karad - Kolhapur - I                               | 26/09/2010   | 21.11        | 27/09/2010                        | 07.54             | To attend red hot.Line ready for charging @ 01.29 hrs.          |
| 400/220 KV 600 MVA ICT-II @ Kalwa                  | 26/09/2010   | 22.02        | 27/09/2010                        | 00.52             | Due to red hot.                                                 |
| Karad-Lamboti                                      | 26/09/2010   | 22.42        | 27/09/2010                        | 08.39             | Over Voltage.                                                   |
| Lonikand- Koyna Stage IV                           | 26/09/2010   | 23.24        | 27/09/2010                        | 09.11             | Over Voltage.                                                   |
| Karad-Lamboti                                      | 27/09/2010   | 22.46        |                                   | Continued.        | Over Voltage                                                    |
| Chandrapur - Parli - II                            | 28/09/2010   | 00.20        | 28/09/2010                        | 06.03             | Over Voltage                                                    |
| Lonikand- Koyna Stage IV                           | 28/09/2010   | 00.22        |                                   | Continued.        | Over Voltage                                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Sep/2010**

Position as on 6.30 Hrs of 28/Sep/2010

| Name of Line                        | Tripped Date | Tripped Time | Synchronised Date               | Synchronised Time | Reason of Outage                           |
|-------------------------------------|--------------|--------------|---------------------------------|-------------------|--------------------------------------------|
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                            |
| Kalwa - Borivali                    | 26/09/2010   | 20.46        | 27/09/2010                      | 01.25             | Due to red hot at ICT-II at Kalwa.         |
| Khaperkheda - Wardha.               | 27/09/2010   | 18.26        |                                 | Continued.        | To control Koradi ICT loading              |
| Ambazari-Wardha                     | 27/09/2010   | 18.40        |                                 | Continued.        | To control Koradi ICT Loading              |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type HAND TRIPPED</b> |                   |                                            |
| Dondaicha - Sahada                  | 26/09/2010   | 11.40        | 27/09/2010                      | 23.25             | To control line loading                    |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b>      |                   |                                            |
| Bhusawal- Aurangabad                | 06/09/2010   | 22.45        |                                 | Continued.        | Over Voltage                               |
| 400/220 KV 600 MVA ICT-I @ Kalwa    | 26/09/2010   | 07.12        | 27/09/2010                      | 02.07             | Bus bar protection operated.Y Ph.CT burst. |
| Karad - Kolhapur - II               | 27/09/2010   | 04.02        |                                 | Continued.        | Over Voltage.                              |
| Dabhol-Nagothane - II               | 27/09/2010   | 15.19        | 27/09/2010                      | 16.03             | Distance Protection                        |
| 400/220 KV 315 MVA ICT-I @ Parly.   | 27/09/2010   | 17.35        |                                 | Continued.        | Differential Protection operated.          |
| Dabhol-Nagothane - II               | 27/09/2010   | 20.13        | 27/09/2010                      | 20.54             | Distance Protection                        |
| <b>Voltage Level : 220KV</b>        |              |              | <b>Outage Type TRIPPED</b>      |                   |                                            |
| 220/132 KV 200 MVA ICT - II @ Theur | 01/06/2010   | 03.57        |                                 | Continued.        | Oil Tank Burst.                            |
| 220/100KV 200MVA T/F-II @APTA       | 15/08/2010   | 21.10        |                                 | Continued.        | Tripped on Diff.Prot.CTR system operated.  |
| Pophali - KDPH                      | 26/09/2010   | 21.52        | 27/09/2010                      | 18.05             | Distance protection.                       |
| Bombay Dyeing - Sahara              | 27/09/2010   | 05.45        | 27/09/2010                      | 07.42             | Distance Protection                        |
| Padgha-Jambhul-I                    | 27/09/2010   | 09.28        | 27/09/2010                      | 11.10             | Distance Protection                        |
| Trombay-Kalwa                       | 27/09/2010   | 14.12        | 27/09/2010                      | 14.29             | Distance Protection                        |
| Kalwa-Colourchem                    | 27/09/2010   | 17.25        | 27/09/2010                      | 18.47             | Distance Protection                        |
| Apta-Uran-IV                        | 27/09/2010   | 17.35        | 27/09/2010                      | 20.44             | Bus Fault                                  |
| Apta-Uran-I                         | 27/09/2010   | 17.35        | 27/09/2010                      | 18.30             | Bus Fault                                  |
| Apta-Bombay Dyeing                  | 27/09/2010   | 17.35        | 27/09/2010                      | 19.40             | Bus Fault                                  |
| Apta-Nagothane                      | 27/09/2010   | 17.35        | 27/09/2010                      | 18.10             | Bus Fault                                  |
| Apta - Tambati                      | 27/09/2010   | 17.35        | 27/09/2010                      | 18.35             | Bus Fault                                  |
| Apta-Kalwa                          | 27/09/2010   | 17.35        | 27/09/2010                      | 21.47             | Bus Fault                                  |
| 220/100 KV,200 MVA ICT-I @ Apta     | 27/09/2010   | 17.35        | 27/09/2010                      | 18.34             | Bus Fault                                  |
| 220/22KV 30MVA ICT-I at Apta        | 27/09/2010   | 17.35        | 27/09/2010                      | 18.15             | Bus Fault                                  |
| Main Bus Section-II at Apta         | 27/09/2010   | 17.35        | 27/09/2010                      | 18.10             | Bus Fault                                  |
| Main Bus Section-I at Apta          | 27/09/2010   | 17.35        | 27/09/2010                      | 18.10             | Bus Fault                                  |
| 220/22KV 20MVA ICT-II at Apta       | 27/09/2010   | 17.35        | 27/09/2010                      | 18.25             | Bus Fault                                  |
| 220/100 KV 200 MVA ICT-IV @ Apta    | 27/09/2010   | 17.35        | 27/09/2010                      | 18.13             | Bus Fault                                  |
| Apta-Uran-II                        | 27/09/2010   | 17.35        | 27/09/2010                      | 18.29             | Bus Fault                                  |
| Trombay - Tifil                     | 27/09/2010   | 17.40        | 27/09/2010                      | 19.10             | Distance Protection                        |
| Pedambe - Tambati                   | 27/09/2010   | 19.18        | 27/09/2010                      | 19.58             | Distance Protection                        |
| Apta - Taloja                       | 27/09/2010   | 23.58        | 28/09/2010                      | 00.15             | Numerical relay problem                    |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b>      |                   |                                            |
| Kawlewada-Kachewani RLY - I         | 27/09/2010   | 08.26        | 27/09/2010                      | 08.35             | Distance Protection                        |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Sep/2010**

Position as on 6.30 Hrs of 28/Sep/2010

| Name of Line                 | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage            |
|------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------|
| Boiser - MIDC                | 27/09/2010   | 12.45        | 27/09/2010                 | 16.17              | Distance Protection         |
| <b>Voltage Level : 100KV</b> |              |              | <b>Outage Type</b> TRIPPED |                    |                             |
| Kalwa-Standard               | 27/09/2010   | 17.46        | 27/09/2010                 | 18.26              | Distance Protection         |
| Kandalgaon - Mhasale         | 28/09/2010   | 03.30        |                            | Continued.         | Conductor broken at Mhasale |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 28/Sep/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW) |
|--------------------|-----------------------|----------|
| <b>Koradi</b>      |                       |          |
| Unit 1             | 105                   |          |
| Unit 2             | 105                   |          |
| Unit 3             | 105                   |          |
| Unit 4             | 105                   |          |
| Unit 5             | 200                   |          |
| Unit 6             | 210                   |          |
| Unit 7             | 210                   |          |
|                    | <b>1040</b>           |          |
| <b>Bhusawal</b>    |                       |          |
| Unit 1             | 58                    |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
|                    | <b>478</b>            |          |
| <b>Parli</b>       |                       |          |
| Unit 1             | 30                    |          |
| Unit 2             | 30                    |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 210                   |          |
| Unit 6             | 250                   |          |
| Unit 7             | 250                   |          |
|                    | <b>1190</b>           |          |
| <b>Chandrapur</b>  |                       |          |
| Unit 1             | 210                   |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 500                   |          |
| Unit 6             | 500                   |          |
| Unit 7             | 500                   |          |
|                    | <b>2340</b>           |          |
| <b>Paras</b>       |                       |          |
| Unit 2             | 55                    |          |
| Unit 3             | 250                   |          |
| Unit 4             | 250                   |          |
|                    | <b>555</b>            |          |
| <b>Khaparkheda</b> |                       |          |
| Unit 1             | 210                   |          |
| Unit 2             | 210                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
|                    | <b>840</b>            |          |
| <b>Nasik</b>       |                       |          |
| Unit 1             | 120                   |          |
| Unit 2             | 120                   |          |
| Unit 3             | 210                   |          |
| Unit 4             | 210                   |          |
| Unit 5             | 210                   |          |
|                    | <b>870</b>            |          |
| <b>Koyna</b>       |                       |          |
| Stage 1-2          | 600                   |          |
| Stage 4            | 1000                  |          |
| Stage 3            | 320                   |          |
|                    | <b>1920</b>           |          |
| <b>Uran</b>        |                       |          |
| All Units          | 852                   |          |

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