



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**06/Oct/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 06/Oct/2010 WEDNESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 102.537        | 575.539         | 1) Madhya Pradesh              | 67.177         | 360.239         |
| 2) Hydro                 | 11.804         | 36.785          | 2) Gujrat                      | 23.004         | 177.267         |
| 3) Gas                   | 15.457         | 93.651          | 3) Goa                         | -6.957         | -40.106         |
| <b>Total MSGENCO</b>     | <b>129.798</b> | <b>705.975</b>  | 4) TAPS 1&2 (Inj.)             | 7.560          | 45.049          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.894         | -4.656          |
| 1) RGPPL Gas             | 37.029         | 219.463         | <b># Total Cent. Sector</b>    | <b>89.890</b>  | <b>537.793</b>  |
| 2) Wind Generation       | 2.640          | 15.808          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP             | 7.286          | 65.583          | 1) With TPCL (Excess)          | -15.027        | -75.691         |
| 4) PENCH (MS)            | 0.894          | 4.656           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 9.003          | 57.199          |
| 1) TPCL Thermal          | 29.359         | 174.668         | Include PX                     | 1.919          | 18.283          |
| 2) TPCL Hydro            | 2.431          | 9.231           | 2) MUMBAI Bilateral            | 15.613         | 80.684          |
| <b>TOTAL TPCL</b>        | <b>31.790</b>  | <b>183.899</b>  | Include PX                     | 4.926          | 22.026          |
| 3) REL Thermal           | 12.525         | 75.094          | 3) MUMBAI Schedule             | 15.613         | 80.684          |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 144.421        | 825.301         | 1) MSEDCL                      | 252.510        | 1473.587        |
| 2) Hydro (A2+B3+C2)      | 15.129         | 50.672          | 2) TPCL                        | 39.805         | 220.312         |
| 3) Gas (A3+B1)           | 52.486         | 313.114         | 3) REL                         | 19.535         | 114.258         |
| 4) Wind (B2)             | 2.640          | 15.808          | <b>TOTAL STATE</b>             | <b>311.850</b> | <b>1808.157</b> |
| 5) CPP (B3)              | 7.286          | 65.583          |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>221.962</b> | <b>1270.478</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                                                                       | 4319                      | 4175                      | 4080                        |
| MSGENCO Hydro                                                                         | 697                       | 1254                      | 133                         |
| MSGENCO Gas                                                                           | 626                       | 645                       | 662                         |
| <b>MSGENCO Total Generation</b>                                                       | <b>5642</b>               | <b>6074</b>               | <b>4875</b>                 |
| Central Sector Receipt                                                                | 3642                      | 4030                      | 3257                        |
| RGPPL                                                                                 | 1535                      | 1521                      | 1573                        |
| WIND                                                                                  | 103                       | 123                       | 172                         |
| CPP / IPP                                                                             | 251                       | 314                       | 397                         |
| Exchange with TPCL                                                                    | -852                      | -707                      | -321                        |
| <b>MSEDCL DEMAND MET</b>                                                              | <b>10348</b>              | <b>11408</b>              | <b>9978</b>                 |
| Load Shedding                                                                         | 1904                      | 3092                      | 317                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                                       | <b>12252</b>              | <b>14500</b>              | <b>10295</b>                |
| TPCL GENERATION                                                                       | 1588                      | 1707                      | 940                         |
| REL GENERATION                                                                        | 521                       | 520                       | 524                         |
| <b>TPCL+REL DEMAND</b>                                                                | <b>2961</b>               | <b>2934</b>               | <b>1785</b>                 |
| <b>STATE DEMAND MET</b>                                                               | <b>13309</b>              | <b>14342</b>              | <b>11763</b>                |
| <b>STATE DEMAND (INCL. LS)</b>                                                        | <b>15213</b>              | <b>17434</b>              | <b>12080</b>                |
| Frequency (Hz)                                                                        | 49.84                     | 49.78                     | 49.97                       |
| <b>MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power &amp; Unsch.Hyd.Gen)</b>   |                           |                           | <b>3881 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>55.17 MUS</b>            |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.               | MINIMUM FREQ.                | AVERAGE FREQ. | FREQ. BELOW 49Hz        |
|-----------------------------|------------------------------|---------------|-------------------------|
| <b>50.2 Hz at 09.37 Hrs</b> | <b>49.06 Hz at 18.44 Hrs</b> | <b>49.82</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 06/Oct/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 0.47        | 4.03          | 70       | 0        | 72       |
| Unit 2           | 1.56        | 6.97          | 79       | 50       | 61       |
| Unit 3           | 1.62        | 8.72          | 78       | 57       | 67       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.60        | 20.01         | 163      | 136      | 130      |
| Unit 6           | 3.41        | 7.99          | 156      | 130      | 144      |
| Unit 7           | 3.62        | 19.87         | 170      | 140      | 151      |
|                  | 14.27       | 67.58         |          |          | 625      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.59        | 5.47          | 25       | 22       | 25       |
| Unit 2           | 3.34        | 19.31         | 170      | 105      | 150      |
| Unit 3           | 3.43        | 19.70         | 165      | 105      | 150      |
|                  | 7.36        | 44.48         |          |          | 325      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.54        | 3.20          | 24       | 18       | 20       |
| Unit 3           | 3.53        | 21.96         | 178      | 95       | 100      |
| Unit 4           | 3.17        | 21.32         | 152      | 103      | 130      |
| Unit 5           | 2.36        | 17.82         | 112      | 72       | 100      |
| Unit 6           | 4.30        | 23.06         | 232      | 151      | 160      |
| Unit 7           | 4.57        | 25.73         | 237      | 158      | 160      |
|                  | 18.47       | 113.08        |          |          | 670      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.82        | 8.00          | 135      | 79       | 120      |
| Unit 2           | 2.85        | 16.96         | 132      | 104      | 100      |
| Unit 3           | 2.71        | 16.76         | 127      | 68       | 100      |
| Unit 4           | 2.67        | 17.80         | 142      | 64       | 160      |
| Unit 5           | 6.82        | 26.32         | 380      | 200      | 300      |
| Unit 6           | 7.66        | 48.20         | 400      | 250      | 300      |
| Unit 7           | 7.25        | 46.95         | 400      | 237      | 325      |
|                  | 32.78       | 181.00        |          |          | 1405     |
| Paras            |             |               |          |          |          |
| Unit 2           | 0.99        | 4.00          | 44       | 37       | 20       |
| Unit 3           | 3.28        | 21.70         | 157      | 114      | 150      |
| Unit 4           | 2.93        | 20.97         | 151      | 74       | 150      |
|                  | 7.20        | 46.67         |          |          | 320      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.69        | 26.94         | 210      | 165      | 190      |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.59        | 24.00         | 196      | 170      | 190      |
| Unit 4           | 3.76        | 16.90         | 175      | 129      | 170      |
|                  | 13.04       | 67.84         |          |          | 550      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.74        | 10.41         | 94       | 48       | 90       |
| Unit 2           | 0.10        | 0.14          | 42       | 0        | 0        |
| Unit 3           | 3.78        | 22.13         | 180      | 140      | 150      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 3.81        | 22.21         | 172      | 138      | 160      |
|                  | 9.42        | 54.89         |          |          | 400      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 5.26        | 12.84         | 500      | 35       | 600      |
| Stage 4          |             | 0.00          | 0        | 0        | 0        |
| Stage 3          | 1.67        | 4.14          | 306      | 0        | 320      |
|                  | 6.93        | 16.98         |          |          | 920      |
| Kovna 12&4 Total | 5.26        | 12.84         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       | 15.46    | 93.65       | 667           | 616      | 640      |          |
|                 | 15.46    | 93.65       |               |          | 640      |          |
| Hydro           |          |             |               |          |          |          |
| KDPH            | 0.86     | 3.49        | 38            | 19       | 36       |          |
| VTRNA           | 0.00     | 0.00        | 0             | 0        | 0        |          |
| TILLARI         | 0.42     | 2.18        | 60            | 0        | 62       |          |
| BHTGR/VEER      | 0.22     | 0.56        | 9             | 9        | 18       |          |
| BHIRA T.R.      | 0.16     | 0.80        | 77            | 0        | 80       |          |
| RNGR+BHTSA      | 0.38     | 2.06        | 16            | 16       | 20       |          |
| BHANDARDRA      | 0.00     | 0.63        | 0             | 0        | 0        |          |
| ELDARY          | 0.52     | 3.06        | 23            | 20       | 0        |          |
| SMLHY PTN       | 0.44     | 1.91        | 25            | 15       | 20       |          |
| GHATGHAR        | 1.88     | 5.12        | 250           | 0        | 0        |          |
|                 | 4.87     | 19.81       |               |          | 236      |          |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      | 0.89     | 4.66        | 53            | 25       |          |          |
|                 | 0.89     | 4.66        |               |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      | 0.11     | 0.95        |               |          |          |          |
| Vankuswadi      | 0.31     | 2.48        |               |          |          |          |
| ATIT            | 0.08     | 0.61        |               |          |          |          |
| Kale            | 0.08     | 0.79        |               |          |          |          |
| Satara          | 0.18     | 1.98        |               |          |          |          |
| Shirala         | 0.13     | 0.91        |               |          |          |          |
| K Mahankal      | 0.07     | 0.80        |               |          |          |          |
| Supa            | 0.10     | 0.38        |               |          |          |          |
| Vita            | 0.50     | 2.90        |               |          |          |          |
| Dondaicha       | 0.70     | 1.42        |               |          |          |          |
| Sakri           | 0.10     | 0.28        |               |          |          |          |
| Nandurbar       | 0.09     | 0.18        |               |          |          |          |
| Khandke         | 0.14     | 1.27        |               |          |          |          |
| Khaparale       | 0.06     | 0.87        |               |          |          |          |
|                 | 2.64     | 15.81       |               |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       | 7.29     | 65.58       |               |          |          |          |
|                 | 7.29     | 65.58       |               |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           | 37.03    | 219.46      | 1573          | 1518     | 1575     |          |
|                 | 37.03    | 219.46      |               |          | 1575     |          |
| Tata            |          |             |               |          |          |          |
| Trombay 4       | 0.00     | 0.00        | 0             | 0        | 0        |          |
| Trombay 5       | 11.25    | 69.07       | 490           | 400      | 500      |          |
| Trombay 6       | 8.28     | 47.34       | 510           | 150      | 500      |          |
| Trombay 7A      | 2.86     | 17.17       | 122           | 117      | 120      |          |
| Trombay 7B      | 1.62     | 9.55        | 68            | 67       | 60       |          |
| Trombay 8       | 5.35     | 31.54       | 248           | 160      | 250      |          |
| TATA Hydro      | 2.43     | 9.23        | 280           | 0        | 447      |          |
|                 | 31.79    | 183.90      |               |          | 1877     |          |
| REL             |          |             |               |          |          |          |
| 1&2             | 12.52    | 75.09       | 526           | 516      | 500      |          |
|                 | 12.52    | 75.09       |               |          | 500      |          |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          | 3768     |          |
|                 |          |             |               |          | 3768     |          |
| MS<br>PG<br>CL  | Thermal  | 102.54      | 575.54        |          | 4295     |          |
|                 | Thml+Gas | 117.99      | 669.19        |          | 4935     |          |
|                 | Hydro    | 11.80       | 36.78         |          | 1156     |          |
|                 | Total    | 129.80      | 705.98        |          | 6091     |          |
| State Total     |          | 221.96      | 1270.48       |          | 13811    |          |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Oct/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CPP /<br>IPP | CS<br>SHARE | CS<br>RECPT | TPCL<br>SCH. | TPCL<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>SHED. | MSEDCL<br>DEMAND<br>WITH LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH LS | FREQ.<br>(Hz) |
|--------------------|-------------|-------|-------|--------|-------|------|--------------|-------------|-------------|--------------|----------------------|-------------------------|-----------------|-----------------------------|-------------------------|--------------------------|---------------|
|                    | THM         | HY    | GAS   |        |       |      |              |             |             |              |                      |                         |                 |                             |                         |                          |               |
| 1                  | 4066        | 138   | 655   | 4859   | 1571  | 91   | 528          | 3225        | 3353        | -508         | -490                 | 9965                    | 894             | 10859                       | 2029                    | 12888                    | 49.86         |
| 2                  | 4156        | 139   | 657   | 4952   | 1569  | 164  | 477          | 3085        | 3065        | -438         | -378                 | 9899                    | 874             | 10773                       | 1884                    | 12657                    | 49.89         |
| 3                  | 4080        | 133   | 662   | 4875   | 1573  | 172  | 397          | 3015        | 3257        | -381         | -321                 | 9978                    | 317             | 10295                       | 1785                    | 12080                    | 49.97         |
| 4                  | 4129        | 139   | 664   | 4932   | 1571  | 131  | 308          | 2895        | 3554        | -262         | -221                 | 10300                   | 174             | 10474                       | 1684                    | 12158                    | 49.97         |
| 5                  | 4131        | 138   | 663   | 4932   | 1567  | 111  | 246          | 2871        | 3611        | -238         | -191                 | 10301                   | 1008            | 11309                       | 1674                    | 12983                    | 49.90         |
| 6                  | 4232        | 244   | 659   | 5135   | 1561  | 110  | 245          | 2964        | 3563        | -238         | -220                 | 10419                   | 1381            | 11800                       | 1728                    | 13528                    | 49.75         |
| 7                  | 4382        | 149   | 667   | 5198   | 1564  | 132  | 252          | 3334        | 3141        | -416         | -368                 | 9972                    | 2119            | 12091                       | 1865                    | 13956                    | 49.81         |
| 8                  | 4525        | 143   | 666   | 5334   | 1566  | 90   | 245          | 3357        | 3156        | -440         | -415                 | 10029                   | 2113            | 12142                       | 1949                    | 14091                    | 49.96         |
| 9                  | 4512        | 209   | 654   | 5375   | 1559  | 64   | 250          | 3529        | 3355        | -658         | -568                 | 10062                   | 1982            | 12044                       | 2198                    | 14242                    | 49.88         |
| 10                 | 4607        | 333   | 643   | 5583   | 1552  | 59   | 251          | 3804        | 3585        | -737         | -745                 | 10312                   | 1950            | 12262                       | 2590                    | 14852                    | 49.94         |
| 11                 | 4485        | 347   | 634   | 5466   | 1542  | 89   | 248          | 3860        | 3748        | -790         | -788                 | 10332                   | 1888            | 12220                       | 2882                    | 15102                    | 49.85         |
| 12                 | 4319        | 697   | 626   | 5642   | 1535  | 103  | 251          | 3861        | 3642        | -872         | -852                 | 10348                   | 1904            | 12252                       | 2961                    | 15213                    | 49.84         |
| 13                 | 4315        | 505   | 627   | 5447   | 1533  | 103  | 252          | 3837        | 4103        | -848         | -843                 | 10622                   | 1926            | 12548                       | 2979                    | 15527                    | 49.85         |
| 14                 | 4233        | 323   | 616   | 5172   | 1530  | 138  | 269          | 3789        | 4351        | -825         | -797                 | 10690                   | 1895            | 12585                       | 2921                    | 15506                    | 49.76         |
| 15                 | 4316        | 555   | 617   | 5488   | 1527  | 128  | 303          | 3735        | 3972        | -873         | -832                 | 10613                   | 2073            | 12686                       | 3016                    | 15702                    | 49.74         |
| 16                 | 4257        | 660   | 624   | 5541   | 1525  | 144  | 316          | 3588        | 3918        | -830         | -839                 | 10632                   | 2043            | 12675                       | 3020                    | 15695                    | 49.67         |
| 17                 | 4257        | 651   | 628   | 5536   | 1523  | 105  | 285          | 3668        | 3884        | -793         | -838                 | 10522                   | 2277            | 12799                       | 3003                    | 15802                    | 49.72         |
| 18                 | 4292        | 478   | 634   | 5404   | 1518  | 111  | 289          | 3699        | 4087        | -769         | -811                 | 10625                   | 2245            | 12870                       | 2917                    | 15787                    | 49.69         |
| 19                 | 4279        | 1065  | 642   | 5986   | 1520  | 115  | 291          | 3612        | 4073        | -739         | -732                 | 11306                   | 2917            | 14223                       | 2926                    | 17149                    | 49.70         |
| 20                 | 4175        | 1254  | 645   | 6074   | 1521  | 123  | 314          | 3671        | 4030        | -715         | -707                 | 11408                   | 3092            | 14500                       | 2934                    | 17434                    | 49.78         |
| 21                 | 4210        | 1045  | 641   | 5896   | 1524  | 114  | 317          | 3769        | 4146        | -811         | -770                 | 11280                   | 2731            | 14011                       | 2783                    | 16794                    | 49.86         |
| 22                 | 4220        | 933   | 644   | 5797   | 1525  | 94   | 318          | 3764        | 4480        | -811         | -768                 | 11498                   | 2533            | 14031                       | 2595                    | 16626                    | 49.86         |
| 23                 | 4170        | 779   | 645   | 5594   | 1526  | 81   | 318          | 3673        | 4102        | -764         | -721                 | 10952                   | 2303            | 13255                       | 2511                    | 15766                    | 49.81         |
| 24                 | 4189        | 747   | 644   | 5580   | 1527  | 68   | 316          | 3603        | 3714        | -860         | -812                 | 10445                   | 2088            | 12533                       | 2508                    | 15041                    | 49.73         |
| MUs                | 102.54      | 11.80 | 15.46 | 129.80 | 37.03 | 2.64 | 7.29         | 84.21       | 89.89       | -15.61       | -15.03               | 252.51                  | 44.73           | 297.24                      | 59.34                   | 356.58                   | 49.82         |

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 06/Oct/2010**

Position as on 6.30 Hrs of 07/Oct/2010

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                        | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                         |               |
| Cent_Sect KARPR1        | 220      | 01/07/2008   | 00:10        |            | Continued. | COH(En-Mass Coolant Clanel Replacement) | 30/12/2010    |
| Koyna ST-IV 1           | 250      | 16/07/2010   | 00.00        |            | Continued. | Preparing Work for 2nd Lake Tapping.    | 15/11/2010    |
| Koyna ST-IV 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    |
| Koradi Unit 4           | 115      | 24/08/2010   | 06.02        |            | Continued. | Annual Overhaul.                        | 10/10/2010    |
| Khaparkheda Unit 2      | 210      | 27/08/2010   | 23.40        |            | Continued. | Capital Overhaul                        | 10/10/2010    |
| 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    |
| Cent_Sect TARAPUR-3     | 540      | 03/10/2010   | 22.03        |            | Continued. | Steam line work.                        | 14/10/2010    |
| Cent_Sect sipat-5       | 500      | 04/10/2010   | 01.58        |            | Continued. | Boiler revalidation.                    | 10/10/2010    |
| <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         | 30/10/2010    |
| Nasik Unit 2            | 125      | 05/10/2010   | 16.55        | 06/10/2010 | 19:00      | HP Differential.                        |               |
| CPP JSW_JAIGAD          | 300      | 06/10/2010   | 03.37        |            | Continued. | Cooling water.                          | 08/10/2010    |
| Uran Unit 6             | 108      | 07/10/2010   | 00:33        |            | Continued. | Filter Repl.                            | 07/10/2010    |
| Bhusawal Unit 1         | 58       | 07/10/2010   | 02:00        |            | Continued. | BTL.                                    | 09/10/2010    |
| Nasik Unit 1            | 125      | 07/10/2010   | 06.35        |            | Continued. | Boiler Tube Leakage.                    |               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Oct/2010**

Position as on 6.30 Hrs of 07/Oct/2010

| Name of Line                                      | Tripped Date | Tripped Time | Synchronise d Date                | Synchronise d 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                                                             |
| Akola - Aurangabad- II                            | 03/10/2010   | 17.38        |                                   | Continued.         | Over Voltage.                                                           |
| Kolhapur - Mapusa - II                            | 05/10/2010   | 22.07        | 06/10/2010                        | 09:50              | Over Voltage.                                                           |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type TRIPPED</b>        |                    |                                                                         |
| Dhule-Sar'Sarovar - I                             | 05/10/2010   | 16.24        | 06/10/2010                        | 13:17              | Main I and II protection operated R Ph.                                 |
| Dhule-S'Sarovar I                                 | 06/10/2010   | 13:46        | 07/10/2010                        | 15.58              | Over Volatge.                                                           |
| <b>IntraState</b>                                 |              |              |                                   |                    |                                                                         |
| <b>Voltage Level : 400KV</b>                      |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                         |
| 50 MVAR Reactor of Chandrpur - Parli - II @ Parli | 12/08/2009   | 10.15        |                                   | Continued.         | Bushing Problem.                                                        |
| Main Bus - II @ Koyna Stg - IV                    | 26/09/2010   | 10.45        |                                   | Continued.         | Maintenance Work.                                                       |
| Karad - Solapur(Lamboti)                          | 06/10/2010   | 08:40        | 07/10/2010                        | 09.35              | For WRTMPL line crossing.                                               |
| Parli - Solapur                                   | 06/10/2010   | 08:59        | 06/10/2010                        | 23:25              | For WRTMPL line crossing.                                               |
| Padgha - Babaleswar - II                          | 06/10/2010   | 09:33        | 06/10/2010                        | 19:10              | Insulator string Repl.                                                  |
| 400/220 KV 500 MVA ICT-I @ Jejuri                 | 07/10/2010   | 09.55        | 07/10/2010                        | 19.30              | Q.M.Work,Attending Hot Spot.                                            |
| 400/220KV 315MVA ICT-II @ New Koyna               | 07/10/2010   | 10.19        | 07/10/2010                        | 17.16              | Cable Replacement Work.                                                 |
| <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         |
| Main breaker of Chalisgaon-Malegaon Ckt.          | 27/09/2010   | 11.07        |                                   | Continued.         | Main breaker replacement.Ckt.is on TBC.                                 |
| 220/132 KV 100 MVA ICT @ Parli - I                | 01/10/2010   | 11.26        |                                   | Continued.         | Replacement of isolator.                                                |
| 220/132 KV 250 MVA ICT at Ambazari                | 03/10/2010   | 06.00        |                                   | Continued.         | Oil filtration of ICT.                                                  |
| 220/100KV 100 MVA ICT-II @ Tambati                | 05/10/2010   | 09.00        |                                   | Continued.         | Breaker overhauling and bay maintenance work.                           |
| 220KV TBC At 400Kv Koradi                         | 05/10/2010   | 09.50        |                                   | Continued.         | Replacement of 29(C)isolator of 220KV TBC.                              |
| Nerul -Sonkhar                                    | 06/10/2010   | 07:04        | 06/10/2010                        | 09:08              | Hot Spot on R and B ph Br clamp.                                        |
| Kandalgaon - Pirangut                             | 07/10/2010   | 06:08        | 07/10/2010                        | 17.35              | Earth wire Repl.                                                        |
| Bableswhar-Nasik-I                                | 07/10/2010   | 08.14        | 07/10/2010                        | 14.32              | Alignment of Line Isolator.                                             |
| Lonand - Baramati                                 | 07/10/2010   | 09.00        | 07/10/2010                        | 18.55              | Bird Guard Fixing,                                                      |
| Mudshini - Talangade - II                         | 07/10/2010   | 09.20        | 07/10/2010                        | 10.36              | Coating of Midson 570.                                                  |
| Wada-Kolshet                                      | 07/10/2010   | 10.05        | 07/10/2010                        | 11.45              | R.M.Work, Tandelta Measurment.                                          |
| Parli-Usmanabad                                   | 07/10/2010   | 10.19        |                                   | Continued.         | Replacement of Auxilary Bus Side & Line Side Isolator Work Under L.E.S. |
| Pusad - Nanded                                    | 07/10/2010   | 10.31        | 07/10/2010                        | 10.45              | Quarterly Maintainance Work.                                            |
| Kharepatan-Pawas                                  | 07/10/2010   | 11.00        | 07/10/2010                        | 14.45              | Replacement of Flashover Line Insulator @ Loc.No.192.                   |
| 220/132 KV 100 MVA ICT-II @ Parbhani              | 07/10/2010   | 11.35        | 07/10/2010                        | 15.26              | Civil Foundain Work.                                                    |
| Kolhapur - Peth                                   | 07/10/2010   | 17.30        | 07/10/2010                        | 18.40              | Bkr.Problem,Compreser Work.                                             |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 06/Oct/2010**

Position as on 6.30 Hrs of 07/Oct/2010

| Name of Line                                     | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                           |
|--------------------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------|
| <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                             | 02/10/2010   | 23.12        | 07/10/2010                      | 09.00              | Over Voltage.                                              |
| Bhusawal- Aurangabad                             | 03/10/2010   | 18.02        |                                 | Continued.         | Over Voltage.                                              |
| Lonikand- Koyna Stage IV                         | 05/10/2010   | 22.51        | 06/10/2010                      | 08:21              | Over Voltage.                                              |
| Lonikand- Koyna Stage IV                         | 06/10/2010   | 23:57        | 07/10/2010                      | 08.16              | Over Voltage.                                              |
| Lonikand- Koyna Stage IV                         | 07/10/2010   | 23.57        |                                 | Continued.         | Over Voltage.                                              |
| <b>Voltage Level : 100KV</b>                     |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                            |
| Kalwa - Salshet - I                              | 05/10/2010   | 15.44        |                                 | Continued.         | ICT overlading at Kalwa.                                   |
| <b>Voltage Level : 400KV</b>                     |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| Khadka - Deepnagar - II                          | 29/09/2010   | 20.53        |                                 | Continued.         | DT Received @ Khadka.                                      |
| Karad - Kolhapur - II                            | 07/10/2010   | 02:48        |                                 | Continued.         | On Over Voltage.                                           |
| Dabhol-Nagothane - II                            | 07/10/2010   | 19.06        | 07/10/2010                      | 19.36              | Trip.                                                      |
| <b>Voltage Level : 220KV</b>                     |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| 220/132 KV 200 MVA ICT - II @ Theur              | 01/06/2010   | 03.57        |                                 | Continued.         | Oil Tank Burst.                                            |
| 220/100KV 200MVA T/F-II @APTA                    | 15/08/2010   | 21.10        |                                 | Continued.         | Diff.Prot.CTR system operated.                             |
| Apta-Kalwa                                       | 07/10/2010   | 02.14        | 07/10/2010                      | 16.25              | Ph to Ph Fault.                                            |
| Wardha - Yawatmal                                | 07/10/2010   | 14.23        | 07/10/2010                      | 16.24              | Attending Main Bkr Air Comperssor Probelm. Ckt Was on TBC. |
| Bombaydying-Sahara                               | 07/10/2010   | 15.05        | 07/10/2010                      | 15.10              | Distance Protection.                                       |
| Pedambe - Tambati                                | 07/10/2010   | 15.42        | 07/10/2010                      | 16.24              | Trip.                                                      |
| 220 KV Main Bus @ Amravati                       | 07/10/2010   | 18.56        | 07/10/2010                      | 20.40              | Replacement of 110 KV DC Battery Charger                   |
| <b>Voltage Level : 132KV</b>                     |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                            |
| Paras - Akot                                     | 07/10/2010   | 18.00        | 07/10/2010                      | 18.37              | Back up Protection O/C.                                    |
| 132 KV Main Bus @ Amravati                       | 07/10/2010   | 18.35        | 07/10/2010                      | 20.46              | Replacement of 110KV DC Battery Charger.                   |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 07/Oct/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 0           |
| Unit 2             | 105                   | 60          |
| Unit 3             | 105                   | 60          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 150         |
| Unit 6             | 210                   | 140         |
| Unit 7             | 210                   | 150         |
|                    | <b>1040</b>           | <b>560</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 0           |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 150         |
|                    | <b>478</b>            | <b>300</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 172         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 130         |
| Unit 6             | 250                   | 165         |
| Unit 7             | 250                   | 165         |
|                    | <b>1190</b>           | <b>802</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 130         |
| Unit 2             | 210                   | 130         |
| Unit 3             | 210                   | 150         |
| Unit 4             | 210                   | 120         |
| Unit 5             | 500                   | 350         |
| Unit 6             | 500                   | 375         |
| Unit 7             | 500                   | 325         |
|                    | <b>2340</b>           | <b>1580</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 40          |
| Unit 3             | 250                   | 160         |
| Unit 4             | 250                   | 160         |
|                    | <b>555</b>            | <b>360</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 90          |
| Unit 4             | 210                   | 170         |
|                    | <b>840</b>            | <b>450</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 80          |
| Unit 2             | 120                   | 80          |
| Unit 3             | 210                   | 160         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 160         |
|                    | <b>870</b>            | <b>480</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 0           |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>920</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 465         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>465</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 36          |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 62          |
| BHTGR/VEER        | 21                    | 18          |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 2           |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 20          |
| SMLHY PTN         | 12                    | 20          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>238</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                   | 1575        |
|                   | <b>960</b>            | <b>1575</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 500         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1877</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3662        |
|                   | <b>3143</b>           | <b>3662</b> |