



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

# **State Load Dispatch Center, Airoli**

**Daily system Report**

**for**

**29/Sep/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 29/Sep/2010 WEDNESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 94.187         | 2047.734        | 1) Madhya Pradesh              | 54.748         | 1705.642        |
| 2) Hydro                 | 4.503          | 216.105         | 2) Gujrat                      | 36.954         | 950.339         |
| 3) Gas                   | 15.725         | 452.051         | 3) Goa                         | -6.500         | -168.534        |
| <b>Total MSGENCO</b>     | <b>114.415</b> | <b>2715.890</b> | 4) TAPS 1&2 (Inj.)             | 7.034          | 216.276         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.552         | -8.411          |
| 1) RGPPL Gas             | 36.608         | 1046.486        | <b># Total Cent. Sector</b>    | <b>91.684</b>  | <b>2695.312</b> |
| 2) Wind Generation       | 2.570          | 237.371         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP / IPP             | 8.441          | 243.045         | 1) With TPCL (Excess)          | -14.249        | -303.874        |
| 4) PENCH (MS)            | 0.552          | 10.698          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 10.480         | 233.585         |
| 1) TPCL Thermal          | 28.858         | 712.864         | Include PX                     | 4.799          | 149.477         |
| 2) TPCL Hydro            | 1.840          | 114.869         | 2) MUMBAI Bilateral            | 15.014         | 325.888         |
| <b>TOTAL TPCL</b>        | <b>30.698</b>  | <b>827.733</b>  | Include PX                     | 5.225          | 73.066          |
| 3) REL Thermal           | 12.535         | 363.863         | 3) MUMBAI Schedule             | 15.014         | 325.888         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 135.580        | 3124.461        | 1) MSEDCL                      | 240.021        | 6644.928        |
| 2) Hydro (A2+B3+C2)      | 6.895          | 341.672         | 2) TPCL                        | 37.913         | 983.367         |
| 3) Gas (A3+B1)           | 52.333         | 1498.537        | 3) REL                         | 19.569         | 504.589         |
| 4) Wind (B2)             | 2.570          | 237.371         | <b>TOTAL STATE</b>             | <b>297.503</b> | <b>8132.884</b> |
| 5) CPP (B3)              | 8.441          | 243.045         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>205.819</b> | <b>5445.086</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 4 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 3794                      | 4045                      | 3724                      |
| MSGENCO Hydro                                                              | 228                       | 686                       | 66                        |
| MSGENCO Gas                                                                | 649                       | 645                       | 672                       |
| <b>MSGENCO Total Generation</b>                                            | <b>4671</b>               | <b>5376</b>               | <b>4462</b>               |
| Central Sector Receipt                                                     | 4097                      | 3836                      | 3471                      |
| RGPPL                                                                      | 1521                      | 1540                      | 1567                      |
| WIND                                                                       | 48                        | 143                       | 117                       |
| CPP / IPP                                                                  | 349                       | 353                       | 347                       |
| Exchange with TPCL                                                         | -852                      | -664                      | -235                      |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>9860</b>               | <b>10636</b>              | <b>9729</b>               |
| Load Shedding                                                              | 1904                      | 2666                      | 0                         |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>11764</b>              | <b>13302</b>              | <b>9729</b>               |
| TPCL GENERATION                                                            | 1550                      | 1621                      | 903                       |
| REL GENERATION                                                             | 519                       | 520                       | 525                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2921</b>               | <b>2805</b>               | <b>1663</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>12781</b>              | <b>13441</b>              | <b>11392</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>14685</b>              | <b>16107</b>              | <b>11392</b>              |
| Frequency (Hz)                                                             | 49.96                     | 49.92                     | 49.97                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 2801 MW At 21.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 38.37 Mus.                |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 50.42 Hz at 18.06 Hrs | 49.41 Hz at 18.46 Hrs | 49.94         | 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 29/Sep/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.32        | 22.61         | 69       | 40       | 50       |
| Unit 2           | 0.00        | 23.37         | 0        | 0        | 0        |
| Unit 3           | 1.15        | 36.82         | 59       | 40       | 50       |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 5           | 2.63        | 59.74         | 125      | 88       | 110      |
| Unit 6           | 2.10        | 75.39         | 129      | 0        | 120      |
| Unit 7           | 2.70        | 87.78         | 140      | 90       | 110      |
|                  | 9.89        | 305.70        |          |          | 440      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.96        | 5.69          | 52       | 31       | 40       |
| Unit 2           | 1.71        | 52.17         | 150      | 0        | 0        |
| Unit 3           | 3.06        | 42.92         | 165      | 105      | 150      |
|                  | 5.73        | 100.78        |          |          | 190      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.52        | 5.13          | 24       | 19       | 20       |
| Unit 3           | 2.77        | 29.77         | 137      | 95       | 110      |
| Unit 4           | 3.27        | 84.43         | 149      | 106      | 135      |
| Unit 5           | 2.50        | 61.95         | 117      | 92       | 100      |
| Unit 6           | 3.00        | 83.94         | 160      | 89       | 150      |
| Unit 7           | 3.78        | 48.03         | 223      | 87       | 120      |
|                  | 15.85       | 313.25        |          |          | 635      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.93        | 60.04         | 144      | 111      | 130      |
| Unit 2           | 2.57        | 32.82         | 120      | 96       | 110      |
| Unit 3           | 2.95        | 36.92         | 140      | 106      | 120      |
| Unit 4           | 2.93        | 29.42         | 173      | 96       | 110      |
| Unit 5           | 7.82        | 166.04        | 355      | 260      | 350      |
| Unit 6           | 8.10        | 137.89        | 410      | 280      | 325      |
| Unit 7           | 6.57        | 119.60        | 320      | 210      | 300      |
|                  | 33.88       | 582.73        |          |          | 1445     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.01        | 20.92         | 45       | 38       | 20       |
| Unit 3           | 3.55        | 75.27         | 176      | 124      | 150      |
| Unit 4           | 3.71        | 67.26         | 217      | 104      | 150      |
|                  | 8.26        | 163.45        |          |          | 320      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.46        | 125.23        | 210      | 160      | 190      |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 4.48        | 118.52        | 195      | 166      | 190      |
| Unit 4           | 3.76        | 96.34         | 175      | 130      | 150      |
|                  | 12.70       | 340.10        |          |          | 530      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.42        | 34.88         | 72       | 40       | 76       |
| Unit 2           | 0.00        | 11.52         | 0        | 0        | 0        |
| Unit 3           | 3.29        | 74.05         | 170      | 110      | 142      |
| Unit 4           | 0.00        | 42.02         | 0        | 0        | 0        |
| Unit 5           | 3.17        | 79.26         | 152      | 113      | 142      |
|                  | 7.88        | 241.72        |          |          | 360      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 1.18        | 63.65         | 115      | 35       | 600      |
| Stage 4          | 0.00        | 0.00          | 0        | 0        | 0        |
| Stage 3          | 0.39        | 24.12         | 232      | 0        | 320      |
|                  | 1.57        | 87.77         |          |          | 920      |
| Kovna 12&4 Total | 1.18        | 63.65         |          |          | 600      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 15.72       | 452.05        | 674      | 618      | 640      |
|                 |          | 15.72       | 452.05        |          |          | 640      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.00        | 15.18         | 0        | 0        | 38       |
| VTRNA           |          | 0.00        | 5.43          | 0        | 0        | 0        |
| TILLARI         |          | 0.41        | 6.50          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.02        | 3.66          | 1        | 1        | 10       |
| BHIRA T.R.      |          | 0.19        | 10.92         | 58       | 0        | 80       |
| RNGR+BHTSA      |          | 0.28        | 10.40         | 18       | 3        | 18       |
| BHANDARDRA      |          | 0.00        | 13.87         | 0        | 0        | 0        |
| ELDARY          |          | 0.52        | 12.44         | 22       | 21       | 20       |
| SMLHY PTN       |          | 0.07        | 19.90         | 10       | 0        | 4        |
| GHATGHAR        |          | 1.45        | 30.03         | 250      | 0        | 0        |
|                 |          | 2.93        | 128.34        |          |          | 230      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.55        | 10.70         | 54       | 0        |          |
|                 |          | 0.55        | 10.70         |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.18        | 11.17         |          |          |          |
| Vankuswadi      |          | 0.34        | 23.42         |          |          |          |
| ATIT            |          | 0.08        | 8.31          |          |          |          |
| Kale            |          | 0.08        | 9.06          |          |          |          |
| Satara          |          | 0.24        | 22.54         |          |          |          |
| Shirala         |          | 0.10        | 8.71          |          |          |          |
| K Mahankal      |          | 0.10        | 8.51          |          |          |          |
| Supa            |          | 0.11        | 3.79          |          |          |          |
| Vita            |          | 0.48        | 39.08         |          |          |          |
| Dondaicha       |          | 0.24        | 56.96         |          |          |          |
| Sakri           |          | 0.06        | 11.59         |          |          |          |
| Nandurbar       |          | 0.02        | 7.64          |          |          |          |
| Khandke         |          | 0.38        | 15.34         |          |          |          |
| Khaparale       |          | 0.16        | 11.25         |          |          |          |
|                 |          | 2.57        | 237.37        |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 8.44        | 243.04        |          |          |          |
|                 |          | 8.44        | 243.04        |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 36.61       | 1046.49       | 1572     | 1441     | 1570     |
|                 |          | 36.61       | 1046.49       |          |          | 1570     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 11.31       | 295.96        | 490      | 400      | 500      |
| Trombay 6       |          | 8.17        | 144.80        | 510      | 150      | 500      |
| Trombay 7A      |          | 2.88        | 84.44         | 123      | 116      | 120      |
| Trombay 7B      |          | 1.62        | 46.82         | 68       | 67       | 60       |
| Trombay 8       |          | 4.87        | 140.85        | 240      | 150      | 250      |
| TATA Hydro      |          | 1.84        | 114.87        | 238      | 0        | 447      |
|                 |          | 30.70       | 827.73        |          |          | 1877     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.54       | 363.86        | 526      | 519      | 500      |
|                 |          | 12.54       | 363.86        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 4041     |
|                 |          |             |               |          |          | 4041     |
| MS<br>PG<br>CL  | Thermal  | 94.19       | 2047.73       |          |          | 3920     |
|                 | Thml+Gas | 109.91      | 2499.78       |          |          | 4560     |
|                 | Hydro    | 4.50        | 216.10        |          |          | 1150     |
|                 | Total    | 114.42      | 2715.89       |          |          | 5710     |
| State Total     |          | 205.82      | 5445.09       |          |          | 13698    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 29/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                  | 3820         | 65          | 672          | 4557          | 1563         | 125         | 345          | 3746         | 3551         | -507          | -462                 | 9706                    | 346             | 10052                       | 1991                    | 12043                    | 49.95         |
| 2                  | 3761         | 70          | 673          | 4504          | 1563         | 78          | 347          | 3626         | 3558         | -387          | -351                 | 9699                    | 0               | 9699                        | 1810                    | 11509                    | 49.95         |
| 3                  | 3751         | 66          | 673          | 4490          | 1566         | 112         | 351          | 3554         | 3584         | -319          | -284                 | 9819                    | 0               | 9819                        | 1710                    | 11529                    | 49.98         |
| 4                  | 3724         | 66          | 672          | 4462          | 1567         | 117         | 347          | 3526         | 3471         | -272          | -235                 | 9729                    | 0               | 9729                        | 1663                    | 11392                    | 49.97         |
| 5                  | 3762         | 70          | 672          | 4504          | 1563         | 116         | 349          | 3506         | 3650         | -248          | -194                 | 9988                    | 405             | 10393                       | 1623                    | 12016                    | 49.88         |
| 6                  | 3779         | 71          | 672          | 4522          | 1563         | 139         | 348          | 3507         | 3751         | -248          | -250                 | 10073                   | 921             | 10994                       | 1686                    | 12680                    | 49.85         |
| 7                  | 3814         | 65          | 673          | 4552          | 1566         | 135         | 351          | 3821         | 3439         | -370          | -340                 | 9703                    | 1084            | 10787                       | 1826                    | 12613                    | 49.91         |
| 8                  | 3868         | 78          | 674          | 4620          | 1567         | 91          | 346          | 3814         | 3869         | -394          | -383                 | 10110                   | 1021            | 11131                       | 1909                    | 13040                    | 49.99         |
| 9                  | 3852         | 106         | 657          | 4615          | 1550         | 78          | 356          | 4025         | 3965         | -636          | -609                 | 9955                    | 1260            | 11215                       | 2238                    | 13453                    | 49.90         |
| 10                 | 3775         | 149         | 656          | 4580          | 1535         | 71          | 351          | 4167         | 4212         | -769          | -755                 | 10021                   | 1755            | 11776                       | 2541                    | 14317                    | 49.91         |
| 11                 | 3764         | 164         | 646          | 4574          | 1537         | 79          | 350          | 4106         | 3934         | -849          | -840                 | 9661                    | 1887            | 11548                       | 2808                    | 14356                    | 49.91         |
| 12                 | 3794         | 228         | 649          | 4671          | 1521         | 48          | 349          | 4103         | 4097         | -865          | -852                 | 9860                    | 1904            | 11764                       | 2921                    | 14685                    | 49.96         |
| 13                 | 3844         | 385         | 645          | 4874          | 1442         | 42          | 352          | 4079         | 3889         | -873          | -825                 | 9800                    | 1818            | 11618                       | 2919                    | 14537                    | 50.03         |
| 14                 | 3999         | 223         | 632          | 4854          | 1444         | 39          | 350          | 4237         | 4296         | -873          | -825                 | 10183                   | 1734            | 11917                       | 2874                    | 14791                    | 49.93         |
| 15                 | 4001         | 161         | 618          | 4780          | 1444         | 65          | 349          | 4089         | 3863         | -726          | -723                 | 9803                    | 1750            | 11553                       | 2837                    | 14390                    | 49.91         |
| 16                 | 4077         | 91          | 625          | 4793          | 1443         | 68          | 350          | 4009         | 3906         | -801          | -752                 | 9833                    | 1719            | 11552                       | 2931                    | 14483                    | 50.01         |
| 17                 | 4212         | 76          | 644          | 4932          | 1441         | 29          | 350          | 4081         | 3590         | -873          | -827                 | 9540                    | 1927            | 11467                       | 2912                    | 14379                    | 50.00         |
| 18                 | 4144         | 83          | 648          | 4875          | 1458         | 64          | 351          | 4063         | 4215         | -849          | -801                 | 10186                   | 1981            | 12167                       | 2788                    | 14955                    | 49.96         |
| 19                 | 4206         | 400         | 642          | 5248          | 1528         | 75          | 352          | 3974         | 3745         | -666          | -627                 | 10354                   | 2608            | 12962                       | 2739                    | 15701                    | 49.94         |
| 20                 | 4045         | 686         | 645          | 5376          | 1540         | 143         | 353          | 4019         | 3836         | -709          | -664                 | 10636                   | 2666            | 13302                       | 2805                    | 16107                    | 49.92         |
| 21                 | 4119         | 545         | 650          | 5314          | 1540         | 223         | 355          | 4021         | 4218         | -709          | -683                 | 11021                   | 2396            | 13417                       | 2689                    | 16106                    | 49.92         |
| 22                 | 4096         | 405         | 658          | 5159          | 1539         | 139         | 355          | 4006         | 3976         | -697          | -666                 | 10554                   | 2159            | 12713                       | 2556                    | 15269                    | 49.92         |
| 23                 | 4001         | 185         | 660          | 4846          | 1556         | 207         | 355          | 3793         | 3768         | -740          | -703                 | 10081                   | 1957            | 12038                       | 2425                    | 14463                    | 49.93         |
| 24                 | 3979         | 65          | 669          | 4713          | 1572         | 287         | 349          | 3615         | 3301         | -632          | -598                 | 9676                    | 1773            | 11449                       | 2281                    | 13730                    | 49.90         |
| <b>MUs</b>         | <b>94.19</b> | <b>4.50</b> | <b>15.73</b> | <b>114.42</b> | <b>36.61</b> | <b>2.57</b> | <b>8.41</b>  | <b>93.49</b> | <b>91.68</b> | <b>-15.01</b> | <b>-14.25</b>        | <b>239.99</b>           | <b>35.07</b>    | <b>275.06</b>               | <b>57.48</b>            | <b>332.54</b>            | <b>49.94</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 29/Sep/2010**

Position as on 6.30 Hrs of 30/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         | 30/10/2010    |
| Nasik Unit 2            | 125      | 10/09/2010   | 01.00        |            | Continued. | Bunkering Problem.                      | 03/10/2010    |
| Koradi Unit 2           | 105      | 23/09/2010   | 10.32        |            | Continued. | Bunkering Problem.                      | 01/10/2010    |
| Bhusawal Unit 2         | 210      | 25/09/2010   | 07.25        | 29/09/2010 | 09.01      | Boiler tube leakage.                    |               |
| Koradi Unit 6           | 210      | 29/09/2010   | 18.41        |            | Continued. | Air Reheater Tripped.                   |               |
| Chandrapur Unit 5       | 500      | 30/09/2010   | 03.36        |            | Continued. | Suspected Tube Leakage.                 |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 29/Sep/2010**

Position as on 6.30 Hrs of 30/Sep/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 - I                             | 25/09/2010   | 14.21        |                                   | Continued.         | Over Voltage.                                                   |
| Dhule-S'Sarovar I                                  | 26/09/2010   | 23.27.       |                                   | Continued.         | Over Voltage.                                                   |
| Kolhapur - Mapusa - II                             | 28/09/2010   | 11.30        | 29/09/2010                        | 19.46              | Over Voltage.                                                   |
| Kolhapur - Mapusa - I                              | 29/09/2010   | 20.52        |                                   | Continued.         | Over Voltage.                                                   |
| <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.                                               |
| New Koyna - Dabhol - II                            | 29/09/2010   | 08.25        | 29/09/2010                        | 17.30              | Insulator String Replacement, Loc.No-7.                         |
| 400/220 KV 315 MVA ICT - II @ Lamboti              | 29/09/2010   | 10.56        | 29/09/2010                        | 16.59              | L V Side 29 a Isolator Alighment 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 |
| 220/100 KV 200 MVA ICT - IV @ Padgha.              | 27/09/2010   | 11.00        | 29/09/2010                        | 10.09              | Replacement of L V Bushing.                                     |
| Chalisgaon - Malegaon                              | 27/09/2010   | 11.07        |                                   | Continued.         | Main Breaker replacement(ckt is on TBC)                         |
| Bus Coupler @ Uran                                 | 29/09/2010   | 07.54        | 29/09/2010                        | 18.40              | Replacement of C T Under LES.                                   |
| 220/132 KV 200 MVA ICT - III @ Bale                | 29/09/2010   | 10.30        | 29/09/2010                        | 13.45              | R. M. Work.                                                     |
| Apta - Tambati                                     | 29/09/2010   | 10.34        | 29/09/2010                        | 17.55              | Attending Hot Spot.                                             |
| Main Bus- I @ Lamboti                              | 29/09/2010   | 10.56        | 29/09/2010                        | 16.58              | 29 A Isolator Alighment Work.                                   |
| C'pur-Sicom-II                                     | 29/09/2010   | 12.02        | 29/09/2010                        | 15.13              | Quarterly Maintainance.                                         |
| 220/132 KV 150 MVA ICT - IV @ Bale                 | 29/09/2010   | 13.57        | 29/09/2010                        | 17.40              | R.M.Work,Tand Measurment.                                       |
| <b>Voltage Level : 132KV</b>                       |              |              | <b>Outage Type PLANNED OUTAGE</b> |                    |                                                                 |
| 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.                                  |
| 400/220 KV 315 MVA ICT - II @ Koradi.              | 29/09/2010   | 12.40        | 29/09/2010                        | 18.53              | Taken on TBC Main Bkr N-2 Gas Accumulator Replacement.          |
| <b>Voltage Level : 220KV</b>                       |              |              | <b>Outage Type FORCED OUTAGE</b>  |                    |                                                                 |
| Khaperkheda - Koradi                               | 29/09/2010   | 08.56        |                                   | Continued.         | To Attend Red Hot on B Ph C B Pad.                              |
| Ghatghar-Jindal                                    | 29/09/2010   | 15.36        | 29/09/2010                        | 17.53              | To Attend Red Hot @ Y Ph Line Side Isolator.                    |
| <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-Lamboti                                      | 28/09/2010   | 22.00        |                                   | Continued.         | Over Voltage                                                    |
| Lonikand- Koyna Stage IV                           | 29/09/2010   | 00.48        | 29/09/2010                        | 07.58              | Over Voltage                                                    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 29/Sep/2010**

Position as on 6.30 Hrs of 30/Sep/2010

| Name of Line                        | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                                             |
|-------------------------------------|--------------|--------------|----------------------------|--------------------|--------------------------------------------------------------|
| Chandrapur - Parli - II             | 30/09/2010   | 00.15        | 30/09/2010                 | 05.46              | Over Voltage.                                                |
| Lonikand- Koyna Stage IV            | 30/09/2010   | 00.18        |                            | Continued.         | Over Voltage.                                                |
| <b>Voltage Level : 400KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                              |
| Bhusawal- Aurangabad                | 06/09/2010   | 22.45        |                            | Continued.         | Over Voltage                                                 |
| Karad - Kolhapur - II               | 27/09/2010   | 04.02        |                            | Continued.         | Over Voltage.                                                |
| Khadka - Deepnagar - II             | 29/09/2010   | 20.53        |                            | Continued.         | DT Received @ Khadka.                                        |
| Padgha - Kalwa- I                   | 29/09/2010   | 21.36        | 30/09/2010                 | 00.30              | Distance Protection, R Ph - Earth.                           |
| <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 - Kandalgaon - I            | 28/09/2010   | 14.38        | 29/09/2010                 | 17.45              | Distance Protection                                          |
| Ghatghar-Jindal                     | 29/09/2010   | 13.55        | 29/09/2010                 | 14.36              | Distance Protection.                                         |
| Valve-Jamde                         | 29/09/2010   | 15.08        | 29/09/2010                 | 16.25              | Distance Protection Operated Zone-I.                         |
| Aurangabad-Padegaon CKT-II          | 29/09/2010   | 15.28        |                            | Continued.         | Distance Protection Operated @ Loc. No.239 R Ph Jumper Open. |
| Parly - New Parly TPS - I           | 29/09/2010   | 17.18        | 29/09/2010                 | 18.03              | Distance Protection Operated Zone-I.                         |
| Kalwa-C'chem                        | 29/09/2010   | 17.33        | 29/09/2010                 | 17.54              | Distance Protection.                                         |
| N.Koyna-Phinolex                    | 29/09/2010   | 20.36        | 29/09/2010                 | 22.13              | Distance Protection.                                         |
| Pedambe-Mahad                       | 29/09/2010   | 22.50        | 29/09/2010                 | 23.43              | Distance Protection R Ph - Earth.                            |
| <b>Voltage Level : 132KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                              |
| Harangul-Chakur                     | 29/09/2010   | 03.55        | 29/09/2010                 | 04.15              | Distance Protection.                                         |
| <b>Voltage Level : 110KV</b>        |              |              | <b>Outage Type TRIPPED</b> |                    |                                                              |
| Pedambe-- Ratnagiri                 | 29/09/2010   | 20.35        |                            | Continued.         | Distance Protection..Declared Faulty.                        |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 30/Sep/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 50          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 47          |
| Unit 4             | 105                   | 0           |
| Unit 5             | 200                   | 120         |
| Unit 6             | 210                   | 0           |
| Unit 7             | 210                   | 120         |
|                    | <b>1040</b>           | <b>337</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 45          |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 150         |
|                    | <b>478</b>            | <b>345</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 0           |
| Unit 2             | 30                    | 20          |
| Unit 3             | 210                   | 115         |
| Unit 4             | 210                   | 150         |
| Unit 5             | 210                   | 110         |
| Unit 6             | 250                   | 160         |
| Unit 7             | 250                   | 120         |
|                    | <b>1190</b>           | <b>675</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 110         |
| Unit 2             | 210                   | 110         |
| Unit 3             | 210                   | 100         |
| Unit 4             | 210                   | 100         |
| Unit 5             | 500                   | 0           |
| Unit 6             | 500                   | 325         |
| Unit 7             | 500                   | 325         |
|                    | <b>2340</b>           | <b>1070</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 40          |
| Unit 3             | 250                   | 140         |
| Unit 4             | 250                   | 140         |
|                    | <b>555</b>            | <b>320</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 0           |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 175         |
|                    | <b>840</b>            | <b>565</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 71          |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 142         |
| Unit 4             | 210                   | 0           |
| Unit 5             | 210                   | 142         |
|                    | <b>870</b>            | <b>355</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                   | 640         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>640</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 0           |
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 1           |
| BHIRA T.R.        | 80                    | 58          |
| RNGR+BHTSA        | 20                    | 18          |
| BHANDARDRA        | 45                    | 0           |
| ELDARY            | 23                    | 21          |
| SMLHY PTN         | 12                    | 11          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>169</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                   | 1561        |
|                   | <b>960</b>            | <b>1561</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                  | 4068        |
|                   | <b>3143</b>           | <b>4068</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>13402</b> |
|--|--------------|--------|--------------|