



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**13/Apr/2010**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 13/Apr/2010 TUESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 117.212        | 1568.221        | 1) Madhya Pradesh              | 57.651         | 647.491         |
| 2) Hydro                 | 42.610         | 356.720         | 2) Gujrat                      | 24.179         | 359.397         |
| 3) Gas                   | 14.495         | 190.339         | 3) Goa                         | -6.481         | -87.385         |
| <b>Total MSGENCO</b>     | <b>174.317</b> | <b>2115.280</b> | 4) TAPS 1&2 (Inj.)             | 6.878          | 69.644          |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.688         | -5.006          |
| 1) RGPPL Gas             | 27.145         | 477.495         | <b># Total Cent. Sector</b>    | <b>81.539</b>  | <b>984.141</b>  |
| 2) Wind Generation       | 6.092          | 85.227          | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 5.011          | 59.164          | 1) With TPCL (Excess)          | -6.304         | -84.642         |
| 4) PENCH (MS)            | 0.688          | 5.006           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 7.741          | 77.463          |
| 1) TPCL Thermal          | 32.555         | 396.589         | Include PX                     | 0.000          | 17.257          |
| 2) TPCL Hydro            | 5.573          | 56.127          | 2) MUMBAI Bilateral            | 6.998          | 94.539          |
| <b>TOTAL TPCL</b>        | <b>38.128</b>  | <b>452.716</b>  | Include PX                     | 0.283          | 9.836           |
| 3) REL Thermal           | 12.517         | 163.171         | 3) MUMBAI Schedule             | 6.998          | 94.539          |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 162.284        | 2127.981        | 1) MSEDCL                      | 288.488        | 3641.671        |
| 2) Hydro (A2+B3+C2)      | 48.871         | 417.853         | 2) TPCL                        | 36.759         | 452.196         |
| 3) Gas (A3+B1)           | 41.640         | 667.834         | 3) REL                         | 20.188         | 248.311         |
| 4) Wind (B2)             | 6.092          | 85.227          | <b>TOTAL STATE</b>             | <b>345.435</b> | <b>4342.178</b> |
| 5) CPP (B3)              | 5.011          | 59.164          |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>263.898</b> | <b>3358.059</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 5 Hrs |
|----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                                                            | 4886                      | 4894                      | 4918                      |
| MSGENCO Hydro                                                              | 1917                      | 2126                      | 1596                      |
| MSGENCO Gas                                                                | 570                       | 604                       | 603                       |
| <b>MSGENCO Total Generation</b>                                            | <b>7373</b>               | <b>7624</b>               | <b>7117</b>               |
| Central Sector Receipt                                                     | 3703                      | 3844                      | 2663                      |
| RGPPL                                                                      | 1200                      | 929                       | 1095                      |
| WIND                                                                       | 176                       | 308                       | 293                       |
| CPP                                                                        | 220                       | 213                       | 189                       |
| Exchange with TPCL                                                         | -527                      | -397                      | 158                       |
| <b>MSEDCL DEMAND MET</b>                                                   | <b>12170</b>              | <b>12572</b>              | <b>11515</b>              |
| Load Shedding                                                              | 3625                      | 3739                      | 1960                      |
| <b>MSEDCL DEMAND (INCL. LS)</b>                                            | <b>15795</b>              | <b>16311</b>              | <b>13475</b>              |
| TPCL GENERATION                                                            | 1806                      | 1745                      | 1362                      |
| REL GENERATION                                                             | 518                       | 517                       | 524                       |
| <b>TPCL+REL DEMAND</b>                                                     | <b>2851</b>               | <b>2659</b>               | <b>1728</b>               |
| <b>STATE DEMAND MET</b>                                                    | <b>15021</b>              | <b>15231</b>              | <b>13243</b>              |
| <b>STATE DEMAND (INCL. LS)</b>                                             | <b>18646</b>              | <b>18970</b>              | <b>15203</b>              |
| Frequency (Hz)                                                             | 49.16                     | 49.27                     | 49.35                     |
| MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)   |                           |                           | 5286 MW at 15.00 Hrs      |
| MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen) |                           |                           | 106.80 MUs.               |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49Hz |
|-----------------------|-----------------------|---------------|------------------|
| 49.91 Hz at 18.03 Hrs | 48.79 Hz at 19.10 Hrs | 49.26         | 13.14 % of Time  |

\* 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 13/Apr/2010

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 1           | 1.82        | 22.55         | 90       | 60       | 80       |
| Unit 2           | 0.00        | 15.97         | 0        | 0        | 0        |
| Unit 3           | 1.87        | 21.40         | 85       | 70       | 75       |
| Unit 4           | 1.74        | 20.32         | 84       | 41       | 50       |
| Unit 5           | 3.82        | 37.23         | 164      | 148      | 150      |
| Unit 6           | 0.60        | 37.55         | 155      | 0        | 0        |
| Unit 7           | 4.84        | 60.22         | 206      | 196      | 200      |
|                  | 14.68       | 215.24        |          |          | 555      |
| Bhusawal         |             |               |          |          |          |
| Unit 1           | 0.54        | 12.68         | 23       | 20       | 25       |
| Unit 2           | 4.39        | 54.68         | 195      | 170      | 195      |
| Unit 3           | 4.43        | 56.93         | 190      | 180      | 195      |
|                  | 9.36        | 124.29        |          |          | 415      |
| Parli            |             |               |          |          |          |
| Unit 1           | 0.54        | 6.88          | 25       | 19       | 22       |
| Unit 2           | 0.54        | 6.66          | 24       | 21       | 22       |
| Unit 3           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 4           | 3.78        | 47.39         | 179      | 145      | 160      |
| Unit 5           | 4.17        | 54.88         | 189      | 158      | 180      |
| Unit 6           | 5.91        | 75.83         | 253      | 228      | 250      |
| Unit 7           | 0.00        | 14.53         | 0        | 0        |          |
|                  | 14.95       | 206.17        |          |          | 634      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 23.81         | 0        | 0        | 0        |
| Unit 2           | 3.91        | 34.03         | 171      | 150      | 170      |
| Unit 3           | 3.14        | 50.91         | 184      | 0        | 200      |
| Unit 4           | 4.32        | 57.95         | 194      | 151      | 200      |
| Unit 5           | 10.00       | 129.64        | 452      | 373      | 450      |
| Unit 6           | 0.00        | 0.32          | 0        | 0        | 0        |
| Unit 7           | 10.13       | 133.38        | 453      | 405      | 450      |
|                  | 31.50       | 430.05        |          |          | 1470     |
| Paras            |             |               |          |          |          |
| Unit 2           | 1.06        | 12.90         | 46       | 42       | 46       |
| Unit 3           | 5.25        | 73.12         | 235      | 157      | 250      |
| Unit 4           | 4.17        | 33.66         | 203      | 117      |          |
|                  | 10.48       | 119.67        |          |          | 296      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 5.00        | 64.17         | 212      | 202      | 210      |
| Unit 2           | 4.41        | 58.16         | 190      | 177      | 180      |
| Unit 3           | 4.60        | 50.26         | 195      | 190      | 190      |
| Unit 4           | 4.59        | 61.76         | 194      | 187      | 190      |
|                  | 18.61       | 234.36        |          |          | 770      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 1.80        | 28.83         | 96       | 0        | 90       |
| Unit 2           | 2.24        | 27.67         | 97       | 90       | 100      |
| Unit 3           | 4.20        | 61.87         | 185      | 154      | 190      |
| Unit 4           | 4.64        | 59.26         | 206      | 175      | 200      |
| Unit 5           | 4.75        | 60.81         | 208      | 184      | 200      |
|                  | 17.64       | 238.44        |          |          | 780      |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 9.06        | 68.34         | 585      | 40       | 530      |
| Stage 4          | 22.56       | 176.89        | 1120     | 204      | 250      |
| Stage 3          | 6.48        | 51.34         | 320      | 148      | 320      |
|                  | 38.09       | 296.57        |          |          | 1100     |
| Kovna 12&4 Total | 31.61       | 245.23        |          |          | 780      |

| Generating unit |          | Generation  |               |          |          | OLC (MW) |
|-----------------|----------|-------------|---------------|----------|----------|----------|
|                 |          | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Uran            |          |             |               |          |          |          |
| All Units       |          | 14.50       | 190.34        | 668      | 570      | 600      |
|                 |          | 14.50       | 190.34        |          |          | 600      |
| Hydro           |          |             |               |          |          |          |
| KDPH            |          | 0.46        | 6.66          | 20       | 17       | 38       |
| VTRNA           |          | 1.29        | 15.16         | 61       | 0        | 60       |
| TILLARI         |          | 0.37        | 4.78          | 60       | 0        | 60       |
| BHTGR/VEER      |          | 0.36        | 2.45          | 20       | 10       | 7        |
| BHIRA T.R.      |          | 0.00        | 2.75          | 0        | 0        | 80       |
| RNGR+BHTSA      |          | 0.19        | 3.82          | 12       | 5        | 10       |
| BHANDARDRA      |          | 0.69        | 9.26          | 30       | 28       | 20       |
| ELDARY          |          | 0.00        | 1.07          | 0        | 0        | 0        |
| SMLHY PTN       |          | 0.83        | 9.44          | 43       | 33       | 20       |
| GHATGHAR        |          | 0.32        | 4.76          | 125      | 0        | 0        |
|                 |          | 4.52        | 60.15         |          |          | 295      |
| PENCH (MS)      |          |             |               |          |          |          |
| Pench (MS)      |          | 0.69        | 5.01          | 51       | 0        |          |
|                 |          | 0.69        | 5.01          |          |          |          |
| Wind            |          |             |               |          |          |          |
| MalharPeth      |          | 0.21        | 2.42          |          |          |          |
| Vankuswadi      |          | 0.40        | 5.33          |          |          |          |
| ATIT            |          | 0.11        | 2.02          |          |          |          |
| Kale            |          | 0.21        | 2.44          |          |          |          |
| Satara          |          | 0.41        | 3.88          |          |          |          |
| Shirala         |          | 0.19        | 2.33          |          |          |          |
| K Mahankal      |          | 0.01        | 1.96          |          |          |          |
| Supa            |          | 0.14        | 2.29          |          |          |          |
| Vita            |          | 0.36        | 10.73         |          |          |          |
| Dondaicha       |          | 2.46        | 32.91         |          |          |          |
| Sakri           |          | 0.42        | 5.54          |          |          |          |
| Nandurbar       |          | 0.37        | 4.71          |          |          |          |
| Khadakale       |          | 0.48        | 5.06          |          |          |          |
| Khaparale       |          | 0.34        | 3.63          |          |          |          |
|                 |          | 6.09        | 85.23         |          |          |          |
| CPP             |          |             |               |          |          |          |
| TOTAL CPP       |          | 5.01        | 59.16         |          |          |          |
|                 |          | 5.01        | 59.16         |          |          |          |
| Dabhol          |          |             |               |          |          |          |
| RGPPL           |          | 27.14       | 477.50        | 1330     | 900      | 1550     |
|                 |          | 27.14       | 477.50        |          |          | 1550     |
| Tata            |          |             |               |          |          |          |
| Trombay 4       |          | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       |          | 9.96        | 129.48        | 415      | 415      | 400      |
| Trombay 6       |          | 12.14       | 133.60        | 510      | 470      | 500      |
| Trombay 7A      |          | 2.83        | 36.82         | 122      | 116      | 120      |
| Trombay 7B      |          | 1.58        | 20.69         | 66       | 65       | 60       |
| Trombay 8       |          | 6.04        | 76.01         | 256      | 250      | 250      |
| TATA Hydro      |          | 5.57        | 56.13         | 471      | 0        | 447      |
|                 |          | 38.13       | 452.72        |          |          | 1777     |
| REL             |          |             |               |          |          |          |
| 1&2             |          | 12.52       | 163.17        | 525      | 517      | 500      |
|                 |          | 12.52       | 163.17        |          |          | 500      |
| Cent Sect       |          |             |               |          |          |          |
| Share           |          |             |               |          |          | 3040     |
|                 |          |             |               |          |          | 3040     |
| MS PG CL        | Thermal  | 117.21      | 1568.22       |          |          | 4920     |
|                 | Thml+Gas | 131.71      | 1758.56       |          |          | 5520     |
|                 | Hydro    | 42.61       | 356.72        |          |          | 1395     |
|                 | Total    | 174.32      | 2115.28       |          |          | 6915     |
| State Total     |          | 263.90      | 3358.06       |          |          | 13782    |

# State Load Dispatch Center,Airoli (MSETCL)

## Hourly Load Data As on 13/Apr/2010

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |       | TOTAL  | RGPPL | WIND | CPP  | 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                  | 4724        | 1938  | 596   | 7258   | 1330  | 327  | 203  | 2812        | 3412        | -155         | -97                  | 12456                   | 1576            | 14032                       | 2200                    | 16232                    | 49.09         |
| 2                  | 4775        | 1865  | 600   | 7240   | 900   | 335  | 197  | 2650        | 3231        | -99          | -59                  | 11867                   | 1592            | 13459                       | 1966                    | 15425                    | 49.14         |
| 3                  | 4748        | 2041  | 602   | 7391   | 905   | 340  | 199  | 2444        | 3102        | 67           | 113                  | 12073                   | 1473            | 13546                       | 1771                    | 15317                    | 49.25         |
| 4                  | 4860        | 1918  | 604   | 7382   | 952   | 346  | 196  | 2361        | 2790        | 67           | 114                  | 11790                   | 1805            | 13595                       | 1741                    | 15336                    | 49.32         |
| 5                  | 4918        | 1596  | 603   | 7117   | 1095  | 293  | 189  | 2380        | 2663        | 67           | 158                  | 11515                   | 1960            | 13475                       | 1728                    | 15203                    | 49.35         |
| 6                  | 4878        | 1644  | 596   | 7118   | 1217  | 262  | 191  | 2435        | 2735        | 67           | 129                  | 11652                   | 2298            | 13950                       | 1756                    | 15706                    | 49.06         |
| 7                  | 4876        | 995   | 656   | 6527   | 1229  | 252  | 198  | 2701        | 3033        | 48           | 96                   | 11335                   | 3354            | 14689                       | 1762                    | 16451                    | 49.29         |
| 8                  | 4911        | 731   | 668   | 6310   | 1231  | 167  | 206  | 2827        | 3218        | -63          | -9                   | 11123                   | 3617            | 14740                       | 1896                    | 16636                    | 49.36         |
| 9                  | 4944        | 850   | 655   | 6449   | 1222  | 82   | 207  | 2823        | 2998        | -63          | -29                  | 10929                   | 3865            | 14794                       | 2110                    | 16904                    | 49.36         |
| 10                 | 4861        | 1452  | 641   | 6954   | 1215  | 115  | 219  | 3324        | 3570        | -441         | -411                 | 11674                   | 3932            | 15606                       | 2485                    | 18091                    | 49.36         |
| 11                 | 4871        | 1535  | 576   | 6982   | 1200  | 142  | 223  | 3391        | 3686        | -465         | -455                 | 11803                   | 3660            | 15463                       | 2763                    | 18226                    | 49.18         |
| 12                 | 4886        | 1917  | 570   | 7373   | 1200  | 176  | 220  | 3465        | 3703        | -509         | -527                 | 12170                   | 3625            | 15795                       | 2851                    | 18646                    | 49.16         |
| 13                 | 4886        | 1999  | 572   | 7457   | 1195  | 161  | 222  | 3562        | 3569        | -609         | -581                 | 12040                   | 3621            | 15661                       | 2863                    | 18524                    | 49.21         |
| 14                 | 4905        | 1924  | 578   | 7407   | 1192  | 202  | 223  | 3564        | 3606        | -609         | -577                 | 12100                   | 3614            | 15714                       | 2782                    | 18496                    | 49.18         |
| 15                 | 4892        | 1878  | 579   | 7349   | 1200  | 208  | 214  | 3381        | 3386        | -444         | -482                 | 11921                   | 3847            | 15768                       | 2833                    | 18601                    | 49.22         |
| 16                 | 4927        | 1698  | 586   | 7211   | 1201  | 209  | 211  | 3235        | 3640        | -444         | -505                 | 12010                   | 3725            | 15735                       | 2857                    | 18592                    | 49.40         |
| 17                 | 4964        | 1675  | 587   | 7226   | 1204  | 242  | 213  | 3200        | 3581        | -444         | -468                 | 12045                   | 3641            | 15686                       | 2824                    | 18510                    | 49.39         |
| 18                 | 4951        | 1924  | 595   | 7470   | 1205  | 279  | 218  | 3319        | 3708        | -555         | -524                 | 12403                   | 3231            | 15634                       | 2752                    | 18386                    | 49.32         |
| 19                 | 4937        | 1920  | 605   | 7462   | 1143  | 396  | 222  | 2978        | 3322        | -324         | -318                 | 12278                   | 3657            | 15935                       | 2590                    | 18525                    | 49.43         |
| 20                 | 4894        | 2126  | 604   | 7624   | 929   | 308  | 213  | 3218        | 3844        | -439         | -397                 | 12572                   | 3739            | 16311                       | 2659                    | 18970                    | 49.27         |
| 21                 | 4892        | 2338  | 606   | 7836   | 945   | 355  | 209  | 3125        | 3783        | -344         | -291                 | 12888                   | 3397            | 16285                       | 2543                    | 18828                    | 49.37         |
| 22                 | 4932        | 2270  | 606   | 7808   | 960   | 316  | 217  | 3128        | 3719        | -344         | -295                 | 12772                   | 3411            | 16183                       | 2429                    | 18612                    | 49.31         |
| 23                 | 4918        | 2246  | 606   | 7770   | 1053  | 270  | 200  | 3202        | 3731        | -415         | -400                 | 12674                   | 2991            | 15665                       | 2398                    | 18063                    | 49.15         |
| 24                 | 4862        | 2130  | 604   | 7596   | 1222  | 309  | 201  | 3275        | 3509        | -549         | -489                 | 12398                   | 2044            | 14442                       | 2390                    | 16832                    | 49.04         |
| MUs                | 117.2<br>1  | 42.61 | 14.50 | 174.32 | 27.14 | 6.09 | 5.01 | 72.80       | 81.54       | -7.00        | -6.30                | 288.49                  | 73.68           | 362.16                      | 56.95                   | 419.11                   | 49.26         |

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 13/Apr/2010**

Position as on 6.30 Hrs of 14/Apr/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)            | 30/04/2010    |
| Parli Unit 3            | 210      | 11/03/2010   | 03.45        |            | Continued. | Annual overhaul                                    | 17/04/2010    |
| Chandrapur Unit 6       | 500      | 01/04/2010   | 01.15        |            | Continued. | Annual Overhaul                                    | 30/04/2010    |
| Cent_Sect NTPC(V-2)     | 210      | 01/04/2010   | 23.20        |            | Continued. | Annual Overhaul                                    | 01/05/2010    |
| Cent_Sect NTPC(K-1)     | 210      | 01/04/2010   | 23.52        |            | Continued. | Annual Overhaul                                    | 01/05/2010    |
| Chandrapur Unit 1       | 210      | 08/04/2010   | 08.36        |            | Continued. | Annual Overhaul                                    | 03/05/2010    |
| <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                                    |               |
| Tata Trombay 4          | 150      | 01/12/2009   | 19:16        |            | Continued. | W/Dn.                                              |               |
| Uran Unit 3             | 60       | 05/03/2010   | 09.49        |            | Continued. | Gas Restriction.                                   |               |
| Parli Unit 7            | 250      | 04/04/2010   | 17.16        |            | Continued. | Flame/Failure.                                     | 15/04/2010    |
| Koradi Unit 6           | 210      | 10/04/2010   | 08.14        |            | Continued. | Suspected Tube Leakage.                            | 13/04/2010    |
| Cent_Sect TARAPUR-4     | 540      | 11/04/2010   | 09.58        |            | Continued. | Reactor problem.                                   |               |
| Uran Unit 3             | 60       | 11/04/2010   | 14.14        |            | Continued. | Gas restriction.                                   |               |
| Koradi Unit 2           | 105      | 11/04/2010   | 21.13        |            | Continued. | BLR T/L.                                           | 21/04/2010    |
| Koyna Unit 3            | 75       | 12/04/2010   | 03.10        |            | Continued. | W/Dn,Turbine guide bearing oil cooler replacement. | 14/04/2010    |
| Cent_Sect NTPC(K-4)     | 500      | 12/04/2010   | 17.10        | 13/04/2010 | 04.08      | Bus fault.                                         |               |
| Chandrapur Unit 3       | 210      | 12/04/2010   | 18.12        | 13/04/2010 | 01.03      | Low vaccum                                         | 13/04/2010    |
| Dabhol 1A               | 230      | 12/04/2010   | 21.54        | 13/04/2010 | 20.27      | Maloperation speed protection relay.               |               |
| Dabhol 3A               | 230      | 13/04/2010   | 00.39        |            | Continued. | Tripped due to air temp.high                       |               |
| Dabhol 3B               | 230      | 13/04/2010   | 00.43        | 13/04/2010 | 03.00      | Tripped due to air temp. high                      |               |
| Dabhol 3X               | 290      | 13/04/2010   | 00:45        | 13/04/2010 | 04:08      | Tripped due to air temp. high                      |               |
| Koyna ST-IV 2           | 250      | 13/04/2010   | 09.52        | 13/04/2010 | 11.17      | Excitation problem.                                |               |
| Dabhol 1B               | 230      | 13/04/2010   | 18.32        | 14/04/2010 | 03.13      | Oil pressure low.                                  |               |
| Dabhol 1X               | 290      | 13/04/2010   | 18.33        | 13/04/2010 | 21.56      | W/DN.                                              |               |
| Nasik Unit 1            | 125      | 13/04/2010   | 20.45        |            | Continued. | Air Heater Trip                                    | 14/04/2010    |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Apr/2010**

Position as on 6.30 Hrs of 14/Apr/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</b> PLANNED OUTAGE |                    |                                                       |
| Wardha - Akola - I                      | 13/04/2010   | 13.28        | 13/04/2010                        | 18.01              | Jumper tightening work.                               |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| Akola - Aurangabad - I                  | 09/04/2010   | 13.00        |                                   | Continued.         | To control Aurangabad ICT loading.                    |
| Dhule-Sar'Sarovar - II                  | 10/04/2010   | 08.06        |                                   | Continued.         | H/T For O/V.                                          |
| Akola - Aurangabad - I                  | 13/04/2010   | 00:43        |                                   | Continued.         | H/T                                                   |
| <b>IntraState</b>                       |              |              |                                   |                    |                                                       |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                       |
| 400/220 KV,315 MVA ICT-III at Lonikand. | 10/04/2010   | 10.07        |                                   | Continued.         | L.V.side breaker problem.taken on TBC                 |
| Parli-Lonikand - II                     | 11/04/2010   | 11.20        |                                   | Continued.         | Breaker O/H.line on TBC at Parli end.                 |
| Koradi-Akola bay                        | 12/04/2010   | 08.57        | 13/04/2010                        | 00.37              | Replacement of CVT's                                  |
| Padgha-Nagothane-II                     | 12/04/2010   | 12.07        |                                   | Continued.         | Bus side isolator work(line on TBC at Padgha end.)    |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                       |
| 220/132 KV,100 MVA ICT-I At Kalmeshwar  | 20/02/2010   | 10.34        |                                   | Continued.         | ICT replacement work.                                 |
| 220/132 KV 100 MVA ICT-II @ Chikali     | 07/04/2010   | 17.50        |                                   | Continued.         | Outage for replacement by 200 MVA ICT                 |
| 220/132 KV,100 MVA T/F-II @ Malegaon    | 08/04/2010   | 08.55        |                                   | Continued.         | ICT tobe replaced with new 200MVA ICT                 |
| 220/132 KV,100MVA ICT-I at Beed         | 08/04/2010   | 09.15        |                                   | Continued.         | Agumentation of 100 MVA ICT by 200 MVA ICT            |
| Ambazari-Amravati                       | 12/04/2010   | 10.46        |                                   | Continued.         | Replacement of 220KV CTs and LAs                      |
| Kalmeshwar-Ambazari                     | 13/04/2010   | 07.53        | 13/04/2010                        | 12.19              | Jumper replacement work.                              |
| Satara MIDC-Vankushwadi-I               | 13/04/2010   | 09.20        | 13/04/2010                        | 15.20              | Aux.Bus isolator setting and allignment Q.M.Work.     |
| Miraj-Maisal                            | 13/04/2010   | 10.35        | 13/04/2010                        | 14.53              | Q.M.Work                                              |
| Miraj-Vita                              | 13/04/2010   | 15.20        | 13/04/2010                        | 17.35              | Q.M.Work.                                             |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> PLANNED OUTAGE |                    |                                                       |
| 132 KV Interconnector I at Bhusawal     | 07/04/2010   | 10.47        |                                   | Continued.         | Q.M.Work                                              |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                       |
| 400/220KV 315MVA ICT-I at Kharghar      | 06/04/2010   | 14.10        | 13/04/2010                        | 13.25              | L.V.side breaker on TBC(Own breaker overhauling work. |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> FORCED OUTAGE  |                    |                                                       |
| Ambazari-Wardha                         | 13/04/2010   | 16.03        | 13/04/2010                        | 18.01              | Removing of loose earth wire.                         |
| Butibori - Wardha                       | 13/04/2010   | 16.06        | 13/04/2010                        | 18.05              | Removing of earth wire.                               |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| Khadka - Deepnagar - II                 | 31/03/2010   | 16.13        |                                   | Continued.         | Handtripped                                           |
| Kolhapur-Jaigad-I                       | 06/04/2010   | 17.35        |                                   | Continued.         | H/T                                                   |
| Bhusawal- Aurangabad                    | 09/04/2010   | 20.45        |                                   | Continued.         | To control A'Bad ICT Loading                          |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| 220/22 KV 50 MVA T/F - I @ Airoli       | 02/04/2010   | 23.02        |                                   | Continued.         | Hand Tripped.                                         |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> HAND TRIPPED   |                    |                                                       |
| Buldhana-Motala                         | 07/04/2010   | 10.00        |                                   | Continued.         | To control load ICT-I at 220KV Chikhali               |
| Mehkar - Malegaon                       | 07/04/2010   | 17.26        |                                   | Continued.         | Outage of ICT-II at Chikhali                          |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 13/Apr/2010**

Position as on 6.30 Hrs of 14/Apr/2010

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date         | Synchronise d Time | Reason of Outage                        |
|-----------------------------------------|--------------|--------------|----------------------------|--------------------|-----------------------------------------|
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type</b> TRIPPED |                    |                                         |
| 220/132 KV,150 MVA ICT At Theur.        | 04/04/2010   | 13.05        |                            | Continued.         | Augmentation of ICT by new 200 MVA.     |
| Bhira-Kandalgaon                        | 13/04/2010   | 04.15        |                            | Continued.         | B Ph.bus PT burst                       |
| Phursungi Bus coupler                   | 13/04/2010   | 14.15        | 13/04/2010                 | 15.30              | Bus bar protection operated             |
| Jejuri-Jejuri I                         | 13/04/2010   | 14.15        | 13/04/2010                 | 14.50              | Bus bar protection operated.( 2 Lines.) |
| 220/132 KV 200 MVA ICT-III at Phursungi | 13/04/2010   | 14.15        | 13/04/2010                 | 14.40              | Bus bar protection operated.            |
| 220/22kv 50MVA T/F-I @Phursungi         | 13/04/2010   | 14.15        | 13/04/2010                 | 14.51              | Bus bar protection operated.            |
| 220/132KV200MVA ICT IV @Phursungi       | 13/04/2010   | 14.15        | 13/04/2010                 | 16.10              | Bus bar protection operated.            |
| Usmanabad-Barshi                        | 13/04/2010   | 20.35        | 13/04/2010                 | 20.55              | Tripped on back protection.             |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type</b> TRIPPED |                    |                                         |
| 132/3.3 KV 6 MVA Stn T/F @ Paras        | 15/03/2010   | 16.16        |                            | Continued.         | B Ph C T Burst.                         |
| Ujani-Umarga                            | 13/04/2010   | 04.25        |                            | Continued.         | Y Ph.C.T.Burst at Ujani.                |
| Harangul-Ujani-II                       | 13/04/2010   | 04.25        | 13/04/2010                 | 04.51              | Tripped on Dist. Prot.                  |
| Harangul-Ujani Ckt.-I                   | 13/04/2010   | 04.25        | 13/04/2010                 | 04.50              | Tripped on Dist.Prot.                   |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 14/Apr/2010

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 1             | 105                   | 55          |
| Unit 2             | 105                   | 0           |
| Unit 3             | 105                   | 65          |
| Unit 4             | 105                   | 65          |
| Unit 5             | 200                   | 155         |
| Unit 6             | 210                   | 135         |
| Unit 7             | 210                   | 160         |
|                    | <b>1040</b>           | <b>635</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 1             | 58                    | 25          |
| Unit 2             | 210                   | 195         |
| Unit 3             | 210                   | 195         |
|                    | <b>478</b>            | <b>415</b>  |
| <b>Parli</b>       |                       |             |
| Unit 1             | 30                    | 22          |
| Unit 2             | 30                    | 22          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 180         |
| Unit 5             | 210                   | 180         |
| Unit 6             | 250                   | 250         |
| Unit 7             | 250                   |             |
|                    | <b>1190</b>           | <b>654</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 0           |
| Unit 2             | 210                   | 165         |
| Unit 3             | 210                   | 170         |
| Unit 4             | 210                   | 180         |
| Unit 5             | 500                   | 450         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 450         |
|                    | <b>2340</b>           | <b>1415</b> |
| <b>Paras</b>       |                       |             |
| Unit 2             | 55                    | 46          |
| Unit 3             | 250                   | 230         |
| Unit 4             | 250                   |             |
|                    | <b>555</b>            | <b>276</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 210         |
| Unit 2             | 210                   | 180         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 190         |
|                    | <b>840</b>            | <b>770</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 100         |
| Unit 3             | 210                   | 180         |
| Unit 4             | 210                   | 200         |
| Unit 5             | 210                   | 200         |
|                    | <b>870</b>            | <b>680</b>  |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 530         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1100</b> |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 600         |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
|                   | <b>852</b>            | <b>600</b>  |
| <b>Hydro</b>      |                       |             |
| KDPH              | 40                    | 38          |
| VTRNA             | 60                    | 60          |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 6           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 13          |
| BHANDARDRA        | 45                    | 30          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>287</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                     |             |
| Khadakale         | 0                     |             |
| Khaparale         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>CPP</b>        |                       |             |
| TOTAL CPP         | 0                     |             |
|                   | <b>0</b>              |             |
| <b>Dabhol</b>     |                       |             |
| RGPPL             | 960                   | 1550        |
|                   | <b>960</b>            | <b>1550</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 415         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1792</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3143                  | 3058        |
|                   | <b>3143</b>           | <b>3058</b> |

|  |              |        |              |
|--|--------------|--------|--------------|
|  | <b>17376</b> | 7 of 7 | <b>13732</b> |
|--|--------------|--------|--------------|