



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**27/Jul/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 27/Jul/2011 WEDNESDAY**

| I GENERATION (MUs)       |                |                 | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|-----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly         | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 75.602         | 2233.274        | 1) Madhya Pradesh              | 45.767         | 1258.206        |
| 2) Hydro                 | 27.705         | 388.642         | 2) Gujrat                      | 29.446         | 704.045         |
| 3) Gas                   | 7.044          | 218.376         | 3) Goa                         | -5.992         | -153.378        |
| <b>Total MSGENCO</b>     | <b>110.351</b> | <b>2840.292</b> | 4) TAPS 1&2 (Inj.)             | 7.858          | 207.148         |
| <b>B) OTHERS</b>         |                |                 | 5) Pench (Excess)              | -0.314         | -2.850          |
| 1) RGPPL Gas             | 39.178         | 1039.041        | <b># Total Cent. Sector</b>    | <b>76.765</b>  | <b>2013.171</b> |
| 2) Wind Generation       | 10.871         | 486.229         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 27.856         | 754.407         | 1) With TPCL (Excess)          | -11.938        | -322.228        |
| 4) PENCH (MS)            | 0.314          | 2.850           | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                 | 1) MSEDCL Bilateral            | 13.237         | 327.326         |
| 1) TPCL Thermal          | 23.388         | 599.934         | Include PX                     | 0.000          | 2.833           |
| 2) TPCL Hydro            | 6.146          | 165.767         | 2) MUMBAI Bilateral            | 12.813         | 336.291         |
| <b>TOTAL TPCL</b>        | <b>29.534</b>  | <b>765.701</b>  | Include PX                     | -3.655         | -45.335         |
| 3) REL Thermal           | 12.548         | 324.144         | 3) MUMBAI Schedule             | 13.213         | 346.223         |
| <b>D) STATE</b>          |                |                 | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 111.538        | 3157.352        | 1) MSEDCL                      | 253.397        | 6813.762        |
| 2) Hydro (A2+B3+C2)      | 34.165         | 557.259         | 2) TPCL                        | 36.127         | 944.043         |
| 3) Gas (A3+B1)           | 46.222         | 1257.417        | 3) REL                         | 17.891         | 468.251         |
| 4) Wind (B2)             | 10.871         | 486.229         | <b>TOTAL STATE</b>             | <b>307.415</b> | <b>8226.056</b> |
| 5) CPP (B3)              | 27.856         | 754.407         |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>230.652</b> | <b>6212.664</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                  | 3007                      | 3101                      | 3145                      |
| MSGENCO Hydro                    | 1994                      | 1834                      | 615                       |
| MSGENCO Gas                      | 298                       | 295                       | 290                       |
| <b>MSGENCO Total Generation</b>  | <b>5299</b>               | <b>5230</b>               | <b>4050</b>               |
| <b>Central Sector Receipt</b>    | <b>3278</b>               | <b>3408</b>               | <b>2810</b>               |
| <b>RGPPL</b>                     | <b>1638</b>               | <b>1629</b>               | <b>1631</b>               |
| <b>WIND</b>                      | <b>129</b>                | <b>818</b>                | <b>284</b>                |
| <b>CPP</b>                       | <b>1059</b>               | <b>1196</b>               | <b>1086</b>               |
| <b>Exchange with Mumbai</b>      | <b>-690</b>               | <b>-550</b>               | <b>-239</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>10713</b>              | <b>11752</b>              | <b>9622</b>               |
| <b>Load Shedding (LS)</b>        | <b>328</b>                | <b>41</b>                 | <b>47</b>                 |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>11041</b>              | <b>11793</b>              | <b>9669</b>               |
| <b>TPCL GENERATION</b>           | <b>1605</b>               | <b>1462</b>               | <b>795</b>                |
| <b>REL GENERATION</b>            | <b>523</b>                | <b>523</b>                | <b>523</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2818</b>               | <b>2535</b>               | <b>1557</b>               |
| <b>STATE DEMAND MET</b>          | <b>13531</b>              | <b>14287</b>              | <b>11179</b>              |
| <b>Load Management (LM)</b>      | <b>1153</b>               | <b>2204</b>               | <b>1021</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>1481</b>               | <b>2245</b>               | <b>1068</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>15012</b>              | <b>16532</b>              | <b>12247</b>              |
| <b>Frequency (Hz)</b>            | <b>49.63</b>              | <b>49.61</b>              | <b>49.63</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.         | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|-----------------------|---------------|---------------------|
| 50.25 Hz at 18:02 Hrs | 49.17 Hz at 09:27 Hrs | 49.7          | .08 % of Time(min)  |

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

# State Load Dispatch Center,Airoli (MSETCL)

## Daily and Progressive Generation,Maximum,Minimum,OLC Details for 27/Jul/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 2.98        | 89.30         | 135      | 111      | 125      |
| Unit 6           | 2.41        | 92.77         | 171      | 0        | 150      |
| Unit 7           | 3.14        | 93.13         | 185      | 85       | 160      |
|                  | 8.53        | 275.20        |          |          | 435      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 3.42        | 77.38         | 155      | 120      | 160      |
| Unit 3           | 3.52        | 73.00         | 165      | 130      | 160      |
| Unit 4           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 6.94        | 150.39        |          |          | 320      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.09        | 51.18         | 149      | 95       | 120      |
| Unit 4           | 2.26        | 45.57         | 117      | 69       | 100      |
| Unit 5           | 2.58        | 64.24         | 146      | 84       | 110      |
| Unit 6           | 0.39        | 12.15         | 154      | 0        | 0        |
| Unit 7           | 1.41        | 68.27         | 94       | 0        | 80       |
|                  | 9.74        | 241.41        |          |          | 410      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 2.88        | 81.97         | 134      | 102      | 140      |
| Unit 2           | 2.73        | 71.54         | 124      | 96       | 110      |
| Unit 3           | 4.27        | 104.32        | 185      | 164      | 180      |
| Unit 4           | 3.93        | 102.98        | 168      | 147      | 170      |
| Unit 5           | 8.62        | 232.64        | 400      | 330      | 380      |
| Unit 6           | 0.00        | 95.70         | 0        | 0        | 0        |
| Unit 7           | 0.00        | 0.00          | 0        | 0        | 0        |
|                  | 22.44       | 689.14        |          |          | 980      |
| Paras            |             |               |          |          |          |
| Unit 3           | 2.90        | 90.74         | 144      | 72       | 130      |
| Unit 4           | 2.50        | 97.77         | 168      | 52       | 150      |
|                  | 5.40        | 188.51        |          |          | 280      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.38        | 115.92        | 200      | 160      | 190      |
| Unit 2           | 0.35        | 84.06         | 113      | 0        | 0        |
| Unit 3           | 4.46        | 124.73        | 203      | 171      | 200      |
| Unit 4           | 5.04        | 131.34        | 220      | 192      | 210      |
| Unit 5           | 0.51        | 0.71          | 61       | 0        | 0        |
|                  | 14.74       | 456.76        |          |          | 600      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 2           | 0.00        | 0.00          | 0        | 0        | 0        |
| Unit 3           | 0.00        | 66.26         | 0        | 0        | 0        |
| Unit 4           | 4.12        | 79.03         | 189      | 149      | 142      |
| Unit 5           | 3.70        | 86.58         | 180      | 130      | 142      |
|                  | 7.82        | 231.87        |          |          | 284      |
| Uran             |             |               |          |          |          |
| All Units        | 7.04        | 218.38        | 301      | 286      | 280      |
|                  | 7.04        | 218.38        |          |          | 280      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 39.18       | 1039.04       | 1644     | 1619     | 1560     |
|                  | 39.18       | 1039.04       |          |          | 1560     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 6.15        | 93.10         | 595      | 35       | 600      |
| Stage 4          | 13.38       | 119.35        | 1118     | 0        | 250      |
| Stage 3          | 4.57        | 69.14         | 320      | 0        | 320      |
|                  | 24.09       | 281.59        |          |          | 1170     |
| Kovna 12&4 Total | 19.53       | 212.44        |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.53        | 3.33          | 37       | 18       | 18       |
| VTRNA           | 0.00        | 12.51         | 0        | 0        | 0        |
| TILLARI         | 0.52        | 14.25         | 60       | 0        | 60       |
| BHTGR/VEER      | 0.20        | 1.06          | 9        | 8        | 7        |
| BHIRA T.R.      | 0.50        | 13.01         | 82       | 0        | 80       |
| RNGR+BHTSA      | 0.06        | 2.89          | 3        | 2        | 3        |
| BHANDARDRA      | 0.62        | 14.71         | 26       | 25       | 22       |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 1.04        | 24.61         | 50       | 40       | 10       |
| GHATGHAR        | 0.14        | 20.68         | 120      | 0        | 0        |
|                 | 3.61        | 107.06        |          |          | 200      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.31        | 2.85          | 48       | 0        | 0        |
|                 | 0.31        | 2.85          |          |          | 0        |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.43        | 19.10         |          |          |          |
| Vankuswadi      | 1.18        | 44.38         |          |          |          |
| ATIT            | 0.16        | 13.47         |          |          |          |
| Kale            | 0.37        | 14.94         |          |          |          |
| Satara          | 2.25        | 43.29         |          |          |          |
| Shirala         | 0.35        | 17.48         |          |          |          |
| K Mahankal      | 0.10        | 29.44         |          |          |          |
| Supa            | 0.19        | 5.85          |          |          |          |
| Vita            | 2.79        | 80.83         |          |          |          |
| Dondaicha       | 1.70        | 133.06        |          |          |          |
| Sakri           | 0.23        | 20.71         |          |          |          |
| Nandurbar       | 0.24        | 13.89         |          |          |          |
| Khandke         | 0.58        | 28.25         |          |          |          |
| Khaparale       | 0.30        | 21.54         |          |          |          |
|                 | 10.87       | 486.23        |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 18.58       | 457.82        | 881      | 581      | 805      |
| WARDHA          | 6.29        | 179.98        | 278      | 249      | 260      |
| Other CPPs      | 2.99        | 116.61        |          |          |          |
|                 | 27.86       | 754.41        |          |          | 1065     |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.54       | 231.36        | 490      | 460      | 500      |
| Trombay 6       | 7.49        | 185.81        | 505      | 150      | 500      |
| Trombay 7A      | 2.80        | 76.60         | 121      | 89       | 120      |
| Trombay 7B      | 1.55        | 42.41         | 66       | 57       | 60       |
| Trombay 8       | 0.00        | 63.76         | 0        | 0        | 0        |
| TATA Hydro      | 6.15        | 165.77        | 435      | 0        | 420      |
|                 | 29.53       | 765.70        |          |          | 1600     |
| REL             |             |               |          |          |          |
| 1&2             | 12.55       | 324.14        | 525      | 512      | 500      |
|                 | 12.55       | 324.14        |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3479     |
|                 |             |               |          |          | 3479     |

|                |          |        |         |  |  |       |
|----------------|----------|--------|---------|--|--|-------|
| MS<br>PG<br>CL | Thermal  | 75.60  | 2233.27 |  |  | 3309  |
|                | Thml+Gas | 82.65  | 2451.65 |  |  | 3589  |
|                | Hydro    | 27.70  | 388.64  |  |  | 1370  |
|                | Total    | 110.35 | 2840.29 |  |  | 4959  |
| State Total    |          | 230.65 | 6212.66 |  |  | 13163 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/Jul/2011

| TIME<br>SR.<br>NO. | MSPGCL GEN. |       |      | TOTAL  | RGPPL | WIND  | CPP   | CS<br>SHARE | CS<br>RECPT | Mum.S<br>CH. | Mum.<br>NET<br>EXCH. | MSEDCL<br>DEMAND<br>MET | # LOAD<br>RELEIF<br>(LS+LM) | MSEDCL<br>DEMAN<br>D WITH<br>LS | TPCL +<br>REL<br>DEMAND | STATE<br>DEM.<br>WITH<br>LS+LM | FREQ.<br>(Hz) |
|--------------------|-------------|-------|------|--------|-------|-------|-------|-------------|-------------|--------------|----------------------|-------------------------|-----------------------------|---------------------------------|-------------------------|--------------------------------|---------------|
|                    | THM         | HY    | GAS  |        |       |       |       |             |             |              |                      |                         |                             |                                 |                         |                                |               |
| 1                  | 3485        | 420   | 288  | 4193   | 1621  | 513   | 1284  | 3193        | 2914        | -506         | -448                 | 10118                   | 1520                        | 10165                           | 1861                    | 13499                          | 49.63         |
| 2                  | 3377        | 207   | 286  | 3870   | 1624  | 528   | 1262  | 3102        | 3019        | -410         | -348                 | 9996                    | 1429                        | 10043                           | 1684                    | 13109                          | 49.67         |
| 3                  | 3385        | 191   | 287  | 3863   | 1626  | 475   | 1253  | 3056        | 3010        | -362         | -301                 | 9939                    | 1131                        | 9986                            | 1618                    | 12688                          | 49.64         |
| 4                  | 3172        | 331   | 287  | 3790   | 1631  | 318   | 1252  | 3015        | 3053        | -320         | -235                 | 9809                    | 1086                        | 9856                            | 1555                    | 12450                          | 49.66         |
| 5                  | 3145        | 615   | 290  | 4050   | 1631  | 284   | 1086  | 3014        | 2810        | -314         | -239                 | 9622                    | 1068                        | 9669                            | 1557                    | 12247                          | 49.63         |
| 6                  | 3161        | 1227  | 289  | 4677   | 1631  | 296   | 1003  | 3029        | 3128        | -330         | -313                 | 10422                   | 1159                        | 10469                           | 1660                    | 13241                          | 49.66         |
| 7                  | 3228        | 1535  | 297  | 5060   | 1635  | 176   | 998   | 3076        | 3179        | -394         | -374                 | 10674                   | 1159                        | 10721                           | 1776                    | 13609                          | 49.70         |
| 8                  | 3193        | 1853  | 301  | 5347   | 1639  | 133   | 966   | 3133        | 3178        | -453         | -452                 | 10811                   | 1159                        | 10858                           | 1924                    | 13894                          | 49.72         |
| 9                  | 3145        | 2118  | 297  | 5560   | 1644  | 86    | 976   | 3203        | 3226        | -522         | -507                 | 10985                   | 1226                        | 11066                           | 2201                    | 14412                          | 49.69         |
| 10                 | 3048        | 2066  | 293  | 5407   | 1639  | 76    | 975   | 3217        | 3262        | -539         | -561                 | 10798                   | 1443                        | 11092                           | 2546                    | 14787                          | 49.62         |
| 11                 | 2958        | 2170  | 298  | 5426   | 1637  | 86    | 1006  | 3256        | 3182        | -719         | -631                 | 10706                   | 1479                        | 11023                           | 2747                    | 14932                          | 49.64         |
| 12                 | 3007        | 1994  | 298  | 5299   | 1638  | 129   | 1059  | 3330        | 3278        | -769         | -690                 | 10713                   | 1481                        | 11041                           | 2818                    | 15012                          | 49.63         |
| 13                 | 3050        | 1562  | 298  | 4910   | 1638  | 191   | 1197  | 3275        | 3323        | -766         | -711                 | 10548                   | 1473                        | 10867                           | 2818                    | 14839                          | 49.70         |
| 14                 | 3054        | 1261  | 288  | 4603   | 1644  | 264   | 1235  | 3291        | 3400        | -653         | -561                 | 10585                   | 1261                        | 10716                           | 2699                    | 14545                          | 49.94         |
| 15                 | 3024        | 1459  | 297  | 4780   | 1631  | 327   | 1241  | 3108        | 3133        | -637         | -593                 | 10519                   | 1156                        | 10566                           | 2709                    | 14384                          | 49.76         |
| 16                 | 3076        | 1384  | 292  | 4752   | 1630  | 373   | 1255  | 2985        | 3358        | -637         | -582                 | 10786                   | 1172                        | 10833                           | 2692                    | 14650                          | 49.81         |
| 17                 | 3054        | 1296  | 297  | 4647   | 1641  | 466   | 1253  | 3075        | 3296        | -678         | -591                 | 10720                   | 1218                        | 10761                           | 2669                    | 14607                          | 49.85         |
| 18                 | 3102        | 767   | 295  | 4164   | 1638  | 583   | 1253  | 3032        | 3456        | -650         | -604                 | 10496                   | 1435                        | 10537                           | 2633                    | 14564                          | 49.82         |
| 19                 | 3123        | 520   | 298  | 3941   | 1636  | 687   | 1223  | 3079        | 3800        | -592         | -554                 | 10733                   | 2044                        | 10774                           | 2574                    | 15351                          | 49.85         |
| 20                 | 3101        | 1834  | 295  | 5230   | 1629  | 818   | 1196  | 3276        | 3408        | -592         | -550                 | 11752                   | 2245                        | 11793                           | 2535                    | 16532                          | 49.61         |
| 21                 | 3118        | 1499  | 293  | 4910   | 1630  | 1092  | 1202  | 3332        | 3289        | -592         | -525                 | 11639                   | 2255                        | 11680                           | 2433                    | 16327                          | 49.61         |
| 22                 | 3157        | 752   | 291  | 4200   | 1625  | 1069  | 1242  | 3323        | 3231        | -592         | -508                 | 10907                   | 2255                        | 10948                           | 2261                    | 15423                          | 49.64         |
| 23                 | 3167        | 451   | 293  | 3911   | 1619  | 966   | 1230  | 3225        | 3078        | -592         | -549                 | 10302                   | 2255                        | 10343                           | 2108                    | 14665                          | 49.60         |
| 24                 | 3272        | 193   | 296  | 3761   | 1621  | 935   | 1209  | 3097        | 2754        | -592         | -511                 | 9817                    | 1963                        | 9858                            | 1942                    | 13722                          | 49.62         |
| MUs                | 75.60       | 27.70 | 7.04 | 110.35 | 39.18 | 10.87 | 27.86 | 75.72       | 76.76       | -13.21       | -11.94               | 253.40                  | 36.07                       | 255.66                          | 54.02                   | 343.49                         | 49.70         |

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Generating Unit Outages/Trippings for 27/Jul/2011**

Position as on 6.30 Hrs of 28/Jul/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage                  | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|-----------------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                                   |               |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.                | 28/07/2011    |
| Chandrapur Unit 7       | 500      | 29/06/2011   | 21:40        |            | Continued. | COH                               | 16/08/2011    |
| Chandrapur Unit 6       | 500      | 12/07/2011   | 17.24        |            | Continued. | Stator Earth Fault(Mini overhaul) | 31/07/2011    |
| Tata Trombay 8          | 250      | 15/07/2011   | 01:45        |            | Continued. | AOH                               | 08/08/2011    |
| Cent_Sect NTPC(V-7)     | 500      | 18/07/2011   | 00.03        |            | Continued. | Annual overhaul.                  | 15/08/2011    |
| Nasik Unit 3            | 210      | 23/07/2011   | 01.55        |            | Continued. | Annual Overhaul.                  | 15/08/2011    |
| CPP WPCL U-4            | 135      | 24/07/2011   | 06.40        |            | Continued. | Maint.Work.                       |               |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                                   |               |
| Uran Unit 5             | 108      | 15/07/2011   | 10.40        |            | Continued. | Turbine Blade Replacement.        | 10/08/2011    |
| Uran Unit 6             | 108      | 17/07/2011   | 11.52        |            | Continued. | Stator earth fault.               |               |
| Uran Unit A0            | 120      | 17/07/2011   | 11.52        |            | Continued. | Stator earth fault.               |               |
| Khaparkheda Unit 2      | 210      | 24/07/2011   | 14.27        | 27/07/2011 | 19.55      | Boiler Tube Leakage               |               |
| Khaparkheda Unit 5      | 0        | 27/07/2011   | 02.55        | 27/07/2011 | 12.13      | FD Fan Problem                    |               |
| Parli Unit 6            | 250      | 27/07/2011   | 02.55        | 28/07/2011 | 01.24      | Flame Failure.                    |               |
| Cent_Sect NTPC(V-10)    | 500      | 27/07/2011   | 09.24        | 27/07/2011 | 17.55      | Generator Diff.prot.operated      |               |
| Koradi Unit 6           | 210      | 27/07/2011   | 19.00        | 27/07/2011 | 22.29      | High Drum Level                   |               |
| Parli Unit 7            | 250      | 27/07/2011   | 20.43        | 27/07/2011 | 23.37      | High Drum Level                   |               |
| Khaparkheda Unit 5      | 0        | 27/07/2011   | 21.50        |            | Continued. | Main Steam Temp.Low               |               |
| Parli Unit 6            | 250      | 28/07/2011   | 02.48        | 28/07/2011 | 04.46      | High Drum Level                   |               |
| Parli Unit 6            | 250      | 28/07/2011   | 05.40        |            | Continued. | Steam Temp.Low                    |               |
| Nasik Unit 4            | 210      | 28/07/2011   | 06.01        |            | Continued. | Furnace pressure Low              |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Jul/2011**

Position as on 6.30 Hrs of 28/Jul/2011

| Name of Line                           | Tripped Date | Tripped Time | Synchronised Date                 | Synchronised Time | Reason of Outage                                                                                   |
|----------------------------------------|--------------|--------------|-----------------------------------|-------------------|----------------------------------------------------------------------------------------------------|
| <b>InterState</b>                      |              |              |                                   |                   |                                                                                                    |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                                                                    |
| Kolhapur - Mapusa - II                 | 21/07/2011   | 22.20        | 27/07/2011                        | 10:50             | Over Voltage.                                                                                      |
| Akola - Aurangabad- II                 | 26/07/2011   | 20.52        |                                   | Continued.        | Over voltage.                                                                                      |
| Karad - Solapur (PGCIL)                | 26/07/2011   | 22.44        | 27/07/2011                        | 07:15             | Over Voltage.                                                                                      |
| Dhule-Sar'Sarovar - II                 | 26/07/2011   | 22.53        |                                   | Continued.        | Over Voltage.                                                                                      |
| Akola - Wardha - I                     | 26/07/2011   | 23.53        |                                   | Continued.        | Over Voltage.                                                                                      |
| Dhule-Sar'Sarovar - I                  | 27/07/2011   | 02.27        | 27/07/2011                        | 06:33             | Over Voltage.                                                                                      |
| Kolhapur - Mapusa - I                  | 27/07/2011   | 21.54        |                                   | Continued.        | Over Voltage                                                                                       |
| Dhule-S'Sarovar I                      | 28/07/2011   | 00.14        |                                   | Continued.        | Over Voltage                                                                                       |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                                                                    |
| Wardha - Akola - II                    | 09/07/2011   | 00.03        |                                   | Continued.        | Over Voltage.                                                                                      |
| <b>IntraState</b>                      |              |              |                                   |                   |                                                                                                    |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                    |
| 400/132 KV 200 MVA ICT - II @ Bhusawal | 26/07/2011   | 08.31        | 27/07/2011                        | 18:58             | Replacement of 132 KV line isolator under LES.                                                     |
| 400/132 KV 200 MVA ICT - II @ Khadka   | 27/07/2011   | 08.31        | 27/07/2011                        | 18.58             | Maint.work                                                                                         |
| 400/220KV 315 MVA ICT-II at Korady     | 27/07/2011   | 09.23        | 27/07/2011                        | 18.23             | Q.M.Work                                                                                           |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                    |
| Babaleshwar - Chalisgaon               | 15/12/2010   | 13.42        |                                   | Continued.        | Conversion of S/C to D/C(8 MonthOutage)                                                            |
| 220/132KV,100 MVA ICT-III at Girwali.  | 21/06/2011   | 10.44        |                                   | Continued.        | Augmentation of ICT by new 200 MVA ICT upto 30.07.2011                                             |
| 220 KV TBC @ Koradi                    | 19/07/2011   | 10.30        | 27/07/2011                        | 18.30             | Transfer of the control from existing C/R panel to BCR and SCADA.                                  |
| Bus Coupler @ Koradi                   | 25/07/2011   | 10.24        |                                   | Continued.        | Transfer of the control from existing C/R panels to BCRs and SCADA.                                |
| 220 KV Bus Coupler @ Parly- I          | 26/07/2011   | 11.13        |                                   | Continued.        | Attending B-Ph pole gas leakage of CGL Breaker.                                                    |
| 220/132KV 200MVA ICT-I at Bale         | 27/07/2011   | 09.10        | 27/07/2011                        | 17.20             | Q.M.Work                                                                                           |
| 220/132KV 200MVA ICT-III at Bale       | 27/07/2011   | 09.11        | 27/07/2011                        | 17.20             | Q.M.Work                                                                                           |
| 220/132 KV 200 MVA ICT - II @ Bale     | 27/07/2011   | 09.12        | 27/07/2011                        | 17.20             | Q.M.Work                                                                                           |
| Bale-Murud                             | 27/07/2011   | 09.13        | 27/07/2011                        | 16.59             | Q.M.Work                                                                                           |
| Bale-Usmanabad                         | 27/07/2011   | 09.13        | 27/07/2011                        | 17.08             | Q.M.Work                                                                                           |
| Bale-Lamboti II                        | 27/07/2011   | 09.13        | 27/07/2011                        | 17.55             | Q.M.Work                                                                                           |
| Bale - Lamboti I                       | 27/07/2011   | 09.13        | 27/07/2011                        | 17.55             | Q.M.Work                                                                                           |
| Babaleshwar - Babaleshwar - I          | 27/07/2011   | 10.42        | 27/07/2011                        | 12.35             | Isolator replacement work                                                                          |
| Khaparkhedha-Kawlewada-I               | 27/07/2011   | 14.28        |                                   | Continued.        | LA Replacement work                                                                                |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                                                                    |
| Girwali - Latur MIDC                   | 19/07/2011   | 11.09        |                                   | Continued.        | Disc insulator strings replacement from LOC 32 to 82.                                              |
| Bus Section - I @ Khamgaon             | 24/07/2011   | 10.30        |                                   | Continued.        | 1)Replacement of Bus Isolator of Malkapur-2 2) Replacement of Bus Isolator of 132/33KV 25 MVA T/F. |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 27/Jul/2011**

Position as on 6.30 Hrs of 28/Jul/2011

| Name of Line                            | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                        |
|-----------------------------------------|--------------|--------------|---------------------------------|--------------------|---------------------------------------------------------|
| Main Bus at Bale                        | 27/07/2011   | 09.07        | 27/07/2011                      | 17.20              | Q.M.Work                                                |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                         |
| Karad - Kolhapur - I                    | 25/07/2011   | 22.08        |                                 | Continued.         | Over Voltage.                                           |
| Bhusawal- Aurangabad                    | 27/07/2011   | 21.46        |                                 | Continued.         | Over Voltage                                            |
| Lonikand- Koyna Stage IV                | 27/07/2011   | 23.28        |                                 | Continued.         | Over Voltage                                            |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                         |
| Bus Coupler @ WPCL                      | 07/06/2011   | 17.22        |                                 | Continued.         | As being normally kept open.                            |
| Chandrapur - Warora                     | 03/07/2011   | 21.47        |                                 | Continued.         | To Control Wardha-Warora & Wardha-Hinganghat loading.   |
| Khaperkheda - Wardha.                   | 20/07/2011   | 16.59        |                                 | Continued.         | Over Voltage.                                           |
| Khaparkheda-Kawlewada-II                | 20/07/2011   | 17.07        | 27/07/2011                      | 14.19              | Over Voltage.                                           |
| Babaleshwar - Bhenda                    | 24/07/2011   | 08.30        |                                 | Continued.         | To Control Babaleshwar ICT Loading.                     |
| Nasik-Bablsr - II                       | 27/07/2011   | 08.28        |                                 | Continued.         | To control Bus section-II Loading at Nsk                |
| Kandalgaon-Pophali-I                    | 27/07/2011   | 21.54        | 28/07/2011                      | 00.32              | Over Voltage                                            |
| <b>Voltage Level : 400KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                         |
| 400/220KV 105 MVA Spare ICT at Parly II | 22/04/2011   | 13.50        |                                 | Continued.         | To Remove Trip Coil Assembly for Bus Coupler.           |
| <b>Voltage Level : 220KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                         |
| 220/100KV 200MVA ICT-III at Kalwa       | 03/04/2011   | 16.00        |                                 | Continued.         | Buchholz Trip,Diff.Prot.operated,PRV tripped( Failed).  |
| 220/100KV 125 MVA ICT-I @ Kalwa         | 19/06/2011   | 13.45        |                                 | Continued.         | Buchholz Augmentation by 200 MVA.Expected in Sept.2011. |
| Nagothane - SPCL                        | 27/07/2011   | 16.19        | 27/07/2011                      | 16.26              | Tripped due to scada wiring                             |
| 220/22KV,50 MVA T/F-II at Mahad         | 28/07/2011   | 02.25        | 28/07/2011                      | 03.25              | Tripped                                                 |
| <b>Voltage Level : 132KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                         |
| Girwali - Gangakhed                     | 27/07/2011   | 04.55        | 27/07/2011                      | 05.02              | Distance Protection                                     |
| Beed - Talegaon                         | 27/07/2011   | 05.40        | 27/07/2011                      | 06.00              | Distance Protection                                     |
| Dhule-Nardhane                          | 27/07/2011   | 22.03        |                                 | Continued.         | Distance Protection                                     |
| <b>Voltage Level : 110KV</b>            |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                         |
| Warna-Bhambarwadi                       | 26/07/2011   | 20.20        | 27/07/2011                      | 09.15              | Distance protection.                                    |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 28/Jul/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 130         |
| Unit 6             | 210                   | 150         |
| Unit 7             | 210                   | 170         |
|                    | <b>620</b>            | <b>450</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 160         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>320</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 120         |
| Unit 4             | 210                   | 95          |
| Unit 5             | 210                   | 135         |
| Unit 6             | 250                   | 0           |
| Unit 7             | 250                   | 85          |
|                    | <b>1130</b>           | <b>435</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 110         |
| Unit 2             | 210                   | 110         |
| Unit 3             | 210                   | 190         |
| Unit 4             | 210                   | 160         |
| Unit 5             | 500                   | 400         |
| Unit 6             | 500                   | 0           |
| Unit 7             | 500                   | 0           |
|                    | <b>2340</b>           | <b>970</b>  |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 160         |
| Unit 4             | 250                   | 170         |
|                    | <b>500</b>            | <b>330</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 190         |
| Unit 2             | 210                   | 150         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     | 0           |
|                    | <b>840</b>            | <b>750</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 0           |
| Unit 2             | 120                   | 0           |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 170         |
| Unit 5             | 210                   | 170         |
|                    | <b>870</b>            | <b>340</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 280         |
|                    | <b>852</b>            | <b>280</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1560        |
|                    | <b>1940</b>           | <b>1560</b> |
| <b>Koyna</b>       |                       |             |
| Stage 1-2          | 600                   | 600         |
| Stage 4            | 1000                  | 250         |
| Stage 3            | 320                   | 320         |
|                    | <b>1920</b>           | <b>1170</b> |
| <b>Hydro</b>       |                       |             |
| KDPH               | 40                    | 36          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 60          |
| BHTGR/VEER        | 21                    | 8           |
| BHIRA T.R.        | 80                    | 80          |
| RNGR+BHTSA        | 20                    | 3           |
| BHANDARDRA        | 45                    | 25          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 0           |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>212</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>        |                       |             |
| JSW JAIGAD        | 600                   | 805         |
| WARDHA            | 405                   | 280         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>1085</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                   | 0           |
| TATA Hydro        | 444                   | 420         |
|                   | <b>2024</b>           | <b>1600</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3677        |
|                   | <b>3455</b>           | <b>3677</b> |