



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

# **State Load Dispatch Center, Airoli**

## **Daily system Report**

**for**

**04/Jun/2011**

**State Load Dispatch Center, Airoli (MSETCL)**  
**Daily system Report for 04/Jun/2011 SATURDAY**

| I GENERATION (MUs)       |                |                | II EXCHANGES (MUs)             |                |                 |
|--------------------------|----------------|----------------|--------------------------------|----------------|-----------------|
| A) MSGENCO               | Daily          | Monthly        | E) Central Sector              | Daily          | Monthly         |
| 1) Thermal               | 104.244        | 449.003        | 1) Madhya Pradesh              | 57.555         | 252.212         |
| 2) Hydro                 | 5.736          | 37.887         | 2) Gujrat                      | 9.603          | 62.066          |
| 3) Gas                   | 14.627         | 56.250         | 3) Goa                         | -5.735         | -25.341         |
| <b>Total MSGENCO</b>     | <b>124.607</b> | <b>543.140</b> | 4) TAPS 1&2 (Inj.)             | 7.851          | 31.363          |
| <b>B) OTHERS</b>         |                |                | 5) Pench (Excess)              | -0.298         | -1.036          |
| 1) RGPPL Gas             | 31.862         | 118.788        | <b># Total Cent. Sector</b>    | <b>68.976</b>  | <b>319.264</b>  |
| 2) Wind Generation       | 4.932          | 26.394         | <b>F) Other Exchanges</b>      |                |                 |
| 3) CPP                   | 25.809         | 106.836        | 1) With TPCL (Excess)          | -9.368         | -48.814         |
| 4) PENCH (MS)            | 0.298          | 1.036          | <b>G) Bilateral Power *</b>    |                |                 |
| <b>C) TPCL &amp; REL</b> |                |                | 1) MSEDCL Bilateral            | 20.299         | 83.199          |
| 1) TPCL Thermal          | 28.516         | 117.894        | Include PX                     | 0.000          | 0.000           |
| 2) TPCL Hydro            | 3.640          | 19.629         | 2) MUMBAI Bilateral            | 11.499         | 52.414          |
| <b>TOTAL TPCL</b>        | <b>32.156</b>  | <b>137.523</b> | Include PX                     | -0.704         | 6.055           |
| 3) REL Thermal           | 12.367         | 49.573         | 3) MUMBAI Schedule             | 11.499         | 52.414          |
| <b>D) STATE</b>          |                |                | <b>H) ENERGY CATERED (MUs)</b> |                |                 |
| 1) Thermal (A1+C1+C3)    | 145.127        | 616.470        | 1) MSEDCL                      | 247.116        | 1066.644        |
| 2) Hydro (A2+B3+C2)      | 9.674          | 58.552         | 2) TPCL                        | 35.342         | 155.461         |
| 3) Gas (A3+B1)           | 46.489         | 175.038        | 3) REL                         | 18.548         | 80.442          |
| 4) Wind (B2)             | 4.932          | 26.394         | <b>TOTAL STATE</b>             | <b>301.006</b> | <b>1302.547</b> |
| 5) CPP (B3)              | 25.809         | 106.836        |                                |                |                 |
| <b>TOTAL STATE</b>       | <b>232.031</b> | <b>983.290</b> |                                |                |                 |

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

| PARTICULARS                      | A. Morning Peak at 12 Hrs | B. Evening Peak at 21 Hrs | C. Night Minimum at 5 Hrs |
|----------------------------------|---------------------------|---------------------------|---------------------------|
| MSGENCO Thermal                  | 4028                      | 4712                      | 4351                      |
| MSGENCO Hydro                    | 329                       | 481                       | 86                        |
| MSGENCO Gas                      | 616                       | 617                       | 650                       |
| <b>MSGENCO Total Generation</b>  | <b>4973</b>               | <b>5810</b>               | <b>5087</b>               |
| <b>Central Sector Receipt</b>    | <b>3296</b>               | <b>3502</b>               | <b>1954</b>               |
| <b>RGPPL</b>                     | <b>1309</b>               | <b>1318</b>               | <b>1341</b>               |
| <b>WIND</b>                      | <b>173</b>                | <b>175</b>                | <b>129</b>                |
| <b>CPP</b>                       | <b>1051</b>               | <b>1100</b>               | <b>1044</b>               |
| <b>Exchange with Mumbai</b>      | <b>-524</b>               | <b>-476</b>               | <b>-126</b>               |
| <b>MSEDCL DEMAND MET</b>         | <b>10278</b>              | <b>11452</b>              | <b>9436</b>               |
| <b>Load Shedding (LS)</b>        | <b>0</b>                  | <b>0</b>                  | <b>0</b>                  |
| <b>MSEDCL DEMAND (INCL. LS)</b>  | <b>10278</b>              | <b>11452</b>              | <b>9436</b>               |
| <b>TPCL GENERATION</b>           | <b>1715</b>               | <b>1397</b>               | <b>1066</b>               |
| <b>REL GENERATION</b>            | <b>521</b>                | <b>522</b>                | <b>522</b>                |
| <b>TPCL+REL DEMAND</b>           | <b>2760</b>               | <b>2395</b>               | <b>1714</b>               |
| <b>STATE DEMAND MET</b>          | <b>13038</b>              | <b>13847</b>              | <b>11150</b>              |
| <b>Load Management (LM)</b>      | <b>1746</b>               | <b>2794</b>               | <b>1208</b>               |
| <b>Total Load Relief (LS+LM)</b> | <b>1746</b>               | <b>2794</b>               | <b>1208</b>               |
| <b>UNRESTRICTED STATE DEMAND</b> | <b>14784</b>              | <b>16641</b>              | <b>12358</b>              |
| <b>Frequency (Hz)</b>            | <b>49.82</b>              | <b>49.71</b>              | <b>49.90</b>              |

**FREQUENCY PARTICULARS**

| MAXIMUM FREQ.         | MINIMUM FREQ.        | AVERAGE FREQ. | FREQ. BELOW 49.2 Hz |
|-----------------------|----------------------|---------------|---------------------|
| 50.39 Hz at 19.02 Hrs | 49.2 Hz at 22.28 Hrs | 49.84         | .02 % 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 04/Jun/2011

| Generating unit  | Generation  |               |          |          | OLC (MW) |
|------------------|-------------|---------------|----------|----------|----------|
|                  | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Koradi           |             |               |          |          |          |
| Unit 5           | 3.40        | 14.38         | 157      | 114      | 150      |
| Unit 6           | 4.00        | 15.96         | 186      | 125      | 180      |
| Unit 7           | 0.75        | 6.38          | 150      | 0        | 0        |
|                  | 8.15        | 36.73         |          |          | 330      |
| Bhusawal         |             |               |          |          |          |
| Unit 2           | 4.08        | 5.53          | 175      | 165      | 160      |
| Unit 3           | 4.44        | 17.62         | 190      | 175      | 185      |
| Unit 4           |             | 0.00          | 0        | 0        |          |
|                  | 8.52        | 23.16         |          |          | 345      |
| Parli            |             |               |          |          |          |
| Unit 3           | 3.07        | 12.09         | 143      | 106      | 110      |
| Unit 4           | 1.98        | 11.18         | 115      | 52       | 105      |
| Unit 5           | 3.12        | 13.60         | 166      | 0        | 135      |
| Unit 6           | 2.51        | 15.81         | 160      | 0        | 165      |
| Unit 7           | 3.64        | 16.19         | 190      | 110      | 190      |
|                  | 14.32       | 68.88         |          |          | 705      |
| Chandrapur       |             |               |          |          |          |
| Unit 1           | 0.00        | 1.26          | 0        | 0        | 0        |
| Unit 2           | 3.78        | 15.30         | 162      | 151      | 150      |
| Unit 3           | 0.00        | 6.68          | 0        | 0        | 0        |
| Unit 4           | 3.19        | 14.84         | 156      | 80       | 170      |
| Unit 5           | 9.22        | 40.26         | 435      | 345      | 360      |
| Unit 6           | 9.36        | 40.40         | 450      | 330      | 350      |
| Unit 7           | 9.24        | 40.45         | 416      | 357      | 400      |
|                  | 34.78       | 159.18        |          |          | 1430     |
| Paras            |             |               |          |          |          |
| Unit 3           | 5.26        | 20.87         | 242      | 176      | 230      |
| Unit 4           | 4.53        | 20.71         | 253      | 0        | 250      |
|                  | 9.79        | 41.58         |          |          | 480      |
| Khaparkheda      |             |               |          |          |          |
| Unit 1           | 4.62        | 18.56         | 200      | 170      | 210      |
| Unit 2           | 4.42        | 15.70         | 190      | 175      | 210      |
| Unit 3           | 4.48        | 18.70         | 198      | 172      | 210      |
| Unit 4           | 5.28        | 20.53         | 222      | 215      | 210      |
| Unit 5           |             | 0.00          | 0        | 0        |          |
|                  | 18.80       | 73.50         |          |          | 840      |
| Nasik            |             |               |          |          |          |
| Unit 1           | 2.00        | 5.66          | 92       | 65       | 90       |
| Unit 2           | 0.85        | 1.72          | 85       | 0        | 0        |
| Unit 3           | 0.00        | 10.20         | 0        | 0        | 0        |
| Unit 4           | 3.35        | 13.82         | 159      | 104      | 120      |
| Unit 5           | 3.68        | 14.57         | 165      | 130      | 140      |
|                  | 9.88        | 45.98         |          |          | 350      |
| Uran             |             |               |          |          |          |
| All Units        | 14.63       | 56.25         | 654      | 291      | 620      |
|                  | 14.63       | 56.25         |          |          | 620      |
| Dabhol           |             |               |          |          |          |
| RGPPL            | 31.86       | 118.79        | 1348     | 1308     | 1250     |
|                  | 31.86       | 118.79        |          |          | 1250     |
| Koyna            |             |               |          |          |          |
| Stage 1-2        | 2.03        | 12.06         | 485      | 35       | 600      |
| Stage 4          | 0.27        | 11.97         | 162      | 0        | 250      |
| Stage 3          | 0.89        | 4.92          | 160      | 0        | 320      |
|                  | 3.19        | 28.95         |          |          | 1170     |
| Kovna 12&4 Total | 2.30        | 24.03         |          |          | 850      |

| Generating unit | Generation  |               |          |          | OLC (MW) |
|-----------------|-------------|---------------|----------|----------|----------|
|                 | Daily (Mus) | Monthly (Mus) | Max (MW) | Min (MW) |          |
| Hydro           |             |               |          |          |          |
| KDPH            | 0.00        | 0.86          | 0        | 0        | 18       |
| VTRNA           | 0.00        | 0.00          | 0        | 0        | 0        |
| TILLARI         | 0.00        | 0.00          | 0        | 0        | 0        |
| BHTGR/VEER      | 0.00        | 0.00          | 0        | 0        | 0        |
| BHIRA T.R.      | 0.24        | 1.28          | 80       | 0        | 40       |
| RNGR+BHTSA      | 0.27        | 1.04          | 12       | 11       | 0        |
| BHANDARDRA      | 0.62        | 2.67          | 27       | 26       | 30       |
| ELDARY          | 0.00        | 0.00          | 0        | 0        | 0        |
| SMLHY PTN       | 0.29        | 1.63          | 19       | 9        | 21       |
| GHATGHAR        | 1.12        | 1.46          | 253      | 0        | 0        |
|                 | 2.55        | 8.94          |          |          | 109      |
| PENCH (MS)      |             |               |          |          |          |
| Pench (MS)      | 0.30        | 1.04          | 25       | 0        |          |
|                 | 0.30        | 1.04          |          |          |          |
| Wind            |             |               |          |          |          |
| MalharPeth      | 0.08        | 0.48          |          |          |          |
| Vankuswadi      | 0.19        | 1.39          |          |          |          |
| ATIT            | 0.04        | 0.22          |          |          |          |
| Kale            | 0.20        | 0.68          |          |          |          |
| Satara          | 0.07        | 1.96          |          |          |          |
| Shirala         | 0.22        | 0.69          |          |          |          |
| K Mahankal      | 0.70        | 1.21          |          |          |          |
| Supa            | 0.08        | 0.46          |          |          |          |
| Vita            | 1.78        | 5.29          |          |          |          |
| Dondaicha       | 0.75        | 8.43          |          |          |          |
| Sakri           | 0.13        | 1.38          |          |          |          |
| Nandurbar       | 0.06        | 1.23          |          |          |          |
| Khandke         | 0.40        | 1.62          |          |          |          |
| Khaparale       | 0.24        | 1.35          |          |          |          |
|                 | 4.93        | 26.39         |          |          |          |
| CPP             |             |               |          |          |          |
| JSW JAIGAD      | 14.97       | 63.67         | 633      | 609      | 610      |
| WARDHA          | 7.14        | 26.10         | 345      | 232      | 330      |
| Other CPPs      | 3.70        | 17.06         |          |          |          |
|                 | 25.81       | 106.84        |          |          | 940      |
| Tata            |             |               |          |          |          |
| Trombay 4       | 0.00        | 0.00          | 0        | 0        | 0        |
| Trombay 5       | 11.69       | 46.92         | 490      | 470      | 500      |
| Trombay 6       | 6.87        | 30.81         | 450      | 150      | 500      |
| Trombay 7A      | 2.88        | 11.43         | 122      | 116      | 120      |
| Trombay 7B      | 1.58        | 6.32          | 66       | 65       | 60       |
| Trombay 8       | 5.50        | 22.42         | 250      | 150      | 250      |
| TATA Hydro      | 3.64        | 19.63         | 383      | 0        | 447      |
|                 | 32.16       | 137.52        |          |          | 1877     |
| REL             |             |               |          |          |          |
| 1&2             | 12.37       | 49.57         | 523      | 487      | 500      |
|                 | 12.37       | 49.57         |          |          | 500      |
| Cent Sect       |             |               |          |          |          |
| Share           |             |               |          |          | 3214     |
|                 |             |               |          |          | 3214     |

|                |          |        |        |  |       |
|----------------|----------|--------|--------|--|-------|
| MS<br>PG<br>CL | Thermal  | 104.24 | 449.00 |  | 4480  |
|                | Thml+Gas | 118.87 | 505.25 |  | 5100  |
|                | Hydro    | 5.74   | 37.89  |  | 1279  |
|                | Total    | 124.61 | 543.14 |  | 6379  |
| State Total    |          | 232.03 | 983.29 |  | 14160 |

# State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Jun/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                  | 4315        | 86   | 651   | 5052   | 1327  | 209  | 1061  | 3198        | 2560        | -606         | -444                 | 9788                    | 1545                        | 9788                            | 2038                    | 13371                          | 49.62         |
| 2                  | 4263        | 86   | 653   | 5002   | 1337  | 163  | 1038  | 3056        | 2442        | -440         | -293                 | 9712                    | 1428                        | 9712                            | 1893                    | 13033                          | 49.84         |
| 3                  | 4300        | 86   | 652   | 5038   | 1336  | 141  | 1026  | 3008        | 2342        | -392         | -214                 | 9693                    | 1077                        | 9693                            | 1813                    | 12583                          | 49.82         |
| 4                  | 4301        | 91   | 654   | 5046   | 1341  | 125  | 1030  | 2960        | 2111        | -344         | -149                 | 9529                    | 1126                        | 9529                            | 1749                    | 12404                          | 49.90         |
| 5                  | 4351        | 86   | 650   | 5087   | 1341  | 129  | 1044  | 2898        | 1954        | -296         | -126                 | 9436                    | 1208                        | 9436                            | 1714                    | 12358                          | 49.90         |
| 6                  | 4350        | 91   | 647   | 5088   | 1346  | 131  | 1055  | 2885        | 2031        | -296         | -156                 | 9495                    | 1318                        | 9495                            | 1754                    | 12567                          | 49.96         |
| 7                  | 4332        | 91   | 645   | 5068   | 1348  | 118  | 1071  | 3133        | 2038        | -342         | -236                 | 9407                    | 1527                        | 9407                            | 1736                    | 12670                          | 49.96         |
| 8                  | 4290        | 92   | 650   | 5032   | 1347  | 98   | 1064  | 3133        | 2302        | -322         | -272                 | 9571                    | 1527                        | 9571                            | 1820                    | 12918                          | 50.01         |
| 9                  | 4009        | 106  | 636   | 4751   | 1332  | 107  | 1093  | 3139        | 2742        | -362         | -278                 | 9747                    | 1527                        | 9747                            | 2031                    | 13305                          | 49.91         |
| 10                 | 3970        | 241  | 629   | 4840   | 1327  | 144  | 1036  | 3195        | 3178        | -305         | -353                 | 10172                   | 1599                        | 10172                           | 2374                    | 14145                          | 49.93         |
| 11                 | 4016        | 317  | 615   | 4948   | 1322  | 156  | 1026  | 3397        | 3215        | -487         | -483                 | 10184                   | 1759                        | 10184                           | 2675                    | 14618                          | 49.88         |
| 12                 | 4028        | 329  | 616   | 4973   | 1309  | 173  | 1051  | 3348        | 3296        | -487         | -524                 | 10278                   | 1746                        | 10278                           | 2760                    | 14784                          | 49.82         |
| 13                 | 4202        | 325  | 620   | 5147   | 1308  | 295  | 1087  | 3369        | 3234        | -529         | -529                 | 10559                   | 1744                        | 10559                           | 2754                    | 15057                          | 49.77         |
| 14                 | 4301        | 189  | 637   | 5127   | 1323  | 297  | 1134  | 3349        | 3350        | -507         | -479                 | 10775                   | 1744                        | 10775                           | 2646                    | 15165                          | 49.92         |
| 15                 | 4302        | 335  | 621   | 5258   | 1324  | 281  | 1108  | 3326        | 3244        | -518         | -485                 | 10753                   | 1555                        | 10753                           | 2640                    | 14948                          | 49.73         |
| 16                 | 4407        | 632  | 618   | 5657   | 1324  | 294  | 1106  | 3247        | 3019        | -540         | -451                 | 10973                   | 1510                        | 10973                           | 2588                    | 15071                          | 49.84         |
| 17                 | 4459        | 197  | 613   | 5269   | 1316  | 293  | 1121  | 3229        | 3060        | -518         | -439                 | 10623                   | 1486                        | 10623                           | 2492                    | 14601                          | 49.93         |
| 18                 | 4468        | 97   | 615   | 5180   | 1318  | 306  | 1076  | 3234        | 2947        | -463         | -402                 | 10425                   | 1723                        | 10425                           | 2446                    | 14594                          | 49.90         |
| 19                 | 4588        | 111  | 628   | 5327   | 1326  | 355  | 1098  | 3134        | 2838        | -474         | -392                 | 10552                   | 2519                        | 10552                           | 2407                    | 15478                          | 49.98         |
| 20                 | 4700        | 208  | 614   | 5522   | 1319  | 252  | 1095  | 3262        | 3494        | -556         | -464                 | 11231                   | 2784                        | 11231                           | 2418                    | 16433                          | 49.82         |
| 21                 | 4712        | 481  | 617   | 5810   | 1318  | 175  | 1100  | 3378        | 3502        | -655         | -476                 | 11452                   | 2794                        | 11452                           | 2395                    | 16641                          | 49.71         |
| 22                 | 4652        | 409  | 619   | 5680   | 1324  | 192  | 1097  | 3378        | 3490        | -655         | -537                 | 11269                   | 2794                        | 11269                           | 2307                    | 16370                          | 49.75         |
| 23                 | 4516        | 389  | 436   | 5341   | 1327  | 251  | 1093  | 3354        | 3490        | -703         | -606                 | 10919                   | 2794                        | 10919                           | 2245                    | 15958                          | 49.64         |
| 24                 | 4412        | 661  | 291   | 5364   | 1322  | 247  | 1099  | 3194        | 3096        | -703         | -580                 | 10572                   | 2483                        | 10572                           | 2196                    | 15251                          | 49.51         |
| MUs                | 104.24      | 5.74 | 14.63 | 124.61 | 31.86 | 4.93 | 25.81 | 76.80       | 68.98       | -11.50       | -9.37                | 247.12                  | 43.32                       | 247.12                          | 53.89                   | 344.32                         | 49.84         |

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 04/Jun/2011**

Position as on 6.30 Hrs of 05/Jun/2011

| Name of Generating Unit | Capacity | Tripped Date | Tripped Time | Sync.Date  | Sync. Time | Reason of Outage       | Expected Date |
|-------------------------|----------|--------------|--------------|------------|------------|------------------------|---------------|
| <b>PLANNED OUTAGE</b>   |          |              |              |            |            |                        |               |
| Cent_Sect NTPC (V-1)    | 210      | 07/05/2011   | 00.46        |            | Continued. | A/OH                   | 19/06/2011    |
| Cent_Sect NTPC(K-5)     | 500      | 10/05/2011   | 00.00        | 04/06/2011 | 16.45      | Annual Overhaul        |               |
| Dabhol 1A               | 230      | 20/05/2011   | 13.22        |            | Continued. | Rotor replacement.     | 20/07/2011    |
| <b>FORCED OUTAGE</b>    |          |              |              |            |            |                        |               |
| Cent_Sect TARAPUR-4     | 540      | 30/05/2011   | 20.00        |            | Continued. | Survilence Test        | 14/06/2011    |
| Nasik Unit 2            | 125      | 01/06/2011   | 11:15        | 04/06/2011 | 12.15      | Boiler Tube Leakage.   |               |
| Chandrapur Unit 1       | 210      | 01/06/2011   | 15:39        | 05/06/2011 | 03.32      | Boiler Tube Leakage.   |               |
| Koradi Unit 2           | 105      | 02/06/2011   | 11.03        | 04/06/2011 | 17.17      | I D Fan Vibration.     |               |
| CPP WPCL U-2            | 135      | 03/06/2011   | 17.40        | 04/06/2011 | 09.56      | Withdrawn.             |               |
| Koyna ST-IV 1           | 250      | 04/06/2011   | 07.30        | 04/06/2011 | 15.07      | Preventive Maint.Work. |               |
| Paras Unit 4            | 250      | 04/06/2011   | 08.14        | 04/06/2011 | 11.41      | Drum Level Low.        |               |
| CPP WPCL U-3            | 135      | 04/06/2011   | 09.30        | 04/06/2011 | 12.10      | Vaccume Problem.       |               |
| Parli Unit 6            | 250      | 04/06/2011   | 13.53        | 04/06/2011 | 16.22      | High Furnace Pressure. |               |
| Uran Unit 5             | 108      | 04/06/2011   | 22.28        | 05/06/2011 | 14.38      | Boiler Supply Fails.   |               |
| Uran Unit 6             | 108      | 04/06/2011   | 22.28        | 05/06/2011 | 03.49      | Boiler Supply Fails.   |               |
| Uran Unit A0            | 120      | 04/06/2011   | 22.28        | 05/06/2011 | 06.13      | Boiler Supply Fails.   |               |

**State Load Dispatch Center, Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jun/2011**

Position as on 6.30 Hrs of 05/Jun/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 PLANNED OUTAGE</b> |                   |                                                               |
| Padgha - Talegaon (PG)                | 05/06/2011   | 09.15        | 05/06/2011                        | 18.46             | Cold line washing of insulator.                               |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                               |
| Dhule-Sar'Sarovar - I                 | 02/06/2011   | 23.51        | 05/06/2011                        | 10.05             | Over Voltage.                                                 |
| Akola - Wardha - I                    | 03/06/2011   | 00.17        |                                   | Continued.        | Over Voltage.                                                 |
| Dhule-Sar'Sarovar - II                | 03/06/2011   | 23.48        | 04/06/2011                        | 10.16             | Over Voltage.                                                 |
| Kolhapur - Mapusa - I                 | 04/06/2011   | 23.04        | 05/06/2011                        | 19.12             | Over Voltage.                                                 |
| Dhule-Sar'Sarovar - II                | 05/06/2011   | 14.30        |                                   | Continued.        | Over Voltage.                                                 |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                               |
| Solapur - Solapur (PG)                | 03/06/2011   | 19.29        | 04/06/2011                        | 10.57             | Over Voltage.                                                 |
| Kolhapur - Mapusa - I                 | 03/06/2011   | 22.39        | 04/06/2011                        | 11.44             | Over Voltage.                                                 |
| Kolhapur - Mapusa - II                | 05/06/2011   | 18.55        | 05/06/2011                        | 19.56             | While charging from B-Bus to A-Bus from Mapusa end.           |
| <b>Voltage Level : 220KV</b>          |              |              | <b>Outage Type TRIPPED</b>        |                   |                                                               |
| BOISER - PGCIL-II                     | 04/06/2011   | 17.19        | 05/06/2011                        | 07.04             | On PDR Ckt on TBC.                                            |
| <b>IntraState</b>                     |              |              |                                   |                   |                                                               |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type PLANNED OUTAGE</b> |                   |                                                               |
| 400/220KV 315 MVA ICT-I @ Padgha      | 03/06/2011   | 07.49        | 04/06/2011                        | 00.25             | Replacement of 220KV R Ph.L V Bushing & Filtration Work.      |
| Dhule - Babhaleshwar - I              | 04/06/2011   | 08.18        | 04/06/2011                        | 18.14             | Replacement of B Ph. C.T.                                     |
| 400/220 KV 315 MVA ICT @ Bhusawal     | 04/06/2011   | 10.02        |                                   | Continued.        | R Ph. L V Side Bushing Work.                                  |
| Karad - Kolhapur - II                 | 04/06/2011   | 11.37        | 04/06/2011                        | 17.31             | CRM Spot Attending 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(6 MonthOutage.)                      |
| Borivali-Mulund                       | 17/05/2011   | 12.28        |                                   | Continued.        | Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011. |
| 220/132KV 100 MVA ICT-I @ Parbhani    | 21/05/2011   | 09.10        |                                   | Continued.        | Augmentation from 100 to 200 MVA Upto 6.6.2011.               |
| Loniland-Kathapur                     | 04/06/2011   | 07.54        | 04/06/2011                        | 17.33             | Tan Delta & CRM Measurment.                                   |
| Main Bus I @ Kalwa I                  | 04/06/2011   | 09.31        | 04/06/2011                        | 16.10             | R.M.Work & Removal of Crow Nest.                              |
| Mumewadi-Halkarni-II                  | 04/06/2011   | 10.18        |                                   | Continued.        | Retrofitting & Commissioning of Dist. Protection Scheme.      |
| Lonikand-Ranjangaon                   | 04/06/2011   | 11.00        | 04/06/2011                        | 16.10             | Tandelta & Ratio Meas.of Old CT's.                            |
| Nasik-Raymond                         | 04/06/2011   | 14.48        | 04/06/2011                        | 14.57             | Tree Cutting.                                                 |
| Aurangabad-Shendra                    | 05/06/2011   | 00.05        | 05/06/2011                        | 01.31             | Red hot on B-Ph CT.                                           |
| Aarey-Borivali-II                     | 05/06/2011   | 05.59        | 05/06/2011                        | 07.39             | Hot spot on B-Ph wave trap.                                   |
| Kalwa - Salshet - IV                  | 05/06/2011   | 07.54        | 05/06/2011                        | 15.34             | Premansoon maintenance work.                                  |
| Uran - JNPT                           | 05/06/2011   | 09.48        | 05/06/2011                        | 13.36             | Annual maintenance work.                                      |
| ONGC-JNPT                             | 05/06/2011   | 09.50        | 05/06/2011                        | 13.00             | Annual maintenance work.                                      |
| 220/33 KV 100 MVA T/F V at AAREY      | 05/06/2011   | 10.44        | 05/06/2011                        | 12.05             | Attending oil leakage.                                        |
| 220/100KV 200 MVA ICT III at Borivali | 05/06/2011   | 12.10        | 05/06/2011                        | 14.05             | Premansoon maintenance work.                                  |
| Bus Coupler at Aarey                  | 05/06/2011   | 12.44        | 05/06/2011                        | 14.03             | Premansoon maintenance work.                                  |
| <b>Voltage Level : 400KV</b>          |              |              | <b>Outage Type HAND TRIPPED</b>   |                   |                                                               |

**State Load Dispatch Center,Airoli (MSETCL)**  
**Details of Line outages/Trippings for 04/Jun/2011**

Position as on 6.30 Hrs of 05/Jun/2011

| Name of Line                           | Tripped Date | Tripped Time | Synchronise d Date              | Synchronise d Time | Reason of Outage                                                                               |
|----------------------------------------|--------------|--------------|---------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| Karad - Kolhapur - I                   | 02/06/2011   | 21.56        | 04/06/2011                      | 11.00              | Over Voltage.                                                                                  |
| Bhusawal- Aurangabad                   | 04/06/2011   | 21.31        | 05/06/2011                      | 08.31              | Over Voltage.                                                                                  |
| <b>Voltage Level : 220KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                                                |
| Chandrapur-Wani                        | 03/06/2011   | 23.03        | 04/06/2011                      | 06.55              | As per SE,HVDC C'PUR Request Due to Relay Problem.                                             |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type HAND TRIPPED</b> |                    |                                                                                                |
| Supa - Shirur                          | 07/03/2011   | 15.15        |                                 | Continued.         | To control Lonikand ICT Load                                                                   |
| <b>Voltage Level : 500KV</b>           |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| HVDC POLE I -CHDPR                     | 04/06/2011   | 18.55        | 04/06/2011                      | 19.41              | Blocked for Over Voltage.                                                                      |
| <b>Voltage Level : 400KV</b>           |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| Bhusawal- Aurangabad                   | 02/06/2011   | 21.41        | 04/06/2011                      | 08.06              | Over Voltage.                                                                                  |
| Parli - Solapur                        | 03/06/2011   | 14.21        | 04/06/2011                      | 10.38              | Distance Protection.                                                                           |
| 400/220 KV 315 MVA ICT-II @ Chandrapur | 03/06/2011   | 22.07        | 04/06/2011                      | 00.28              | Tripped From H V Side.                                                                         |
| STG IV-New Koyna-II                    | 05/06/2011   | 01.46        | 05/06/2011                      | 08.50              | Over Voltage.                                                                                  |
| Jejuri-Koyna STG-IV                    | 05/06/2011   | 01.46        | 05/06/2011                      | 08.32              | Over Voltage.                                                                                  |
| <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).                                         |
| 220/110KV 200MVA ICT-II at Mudshingi   | 10/04/2011   | 18.10        |                                 | Continued.         | Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11) |
| Apta-Nagothane                         | 03/06/2011   | 19.12        | 04/06/2011                      | 10.34              | Distance Protection.                                                                           |
| Uran-Kharghar-II                       | 03/06/2011   | 20.39        | 04/06/2011                      | 08.41              | Distance Protection.                                                                           |
| 220/33 KV 100 MVA ICT-IV @ Versova     | 03/06/2011   | 23.11        | 04/06/2011                      | 02.45              | NGT BA.                                                                                        |
| Talandge - Sawantwadi                  | 04/06/2011   | 06.16        | 04/06/2011                      | 07.10              | Dist. Protection.                                                                              |
| Bus Section -I @ Dharavi               | 04/06/2011   | 07.22        | 04/06/2011                      | 08.50              | L B B Relay Malfuction.                                                                        |
| Purti - Bhugaon                        | 04/06/2011   | 11.20        | 05/06/2011                      | 13.32              | Y Ph. Jumper Broken, Under B/Dn.                                                               |
| Versova-Dhanu                          | 04/06/2011   | 13.03        | 04/06/2011                      | 13.46              | Guard Wire.                                                                                    |
| Versova - Goregaon                     | 04/06/2011   | 13.05        | 04/06/2011                      | 13.27              | Guard Wire.                                                                                    |
| 220/132 KV 200 MVA ICT - II @ Theur    | 05/06/2011   | 08.05        |                                 | Continued.         | Diff.Protection.                                                                               |
| 220/132 KV 200 MVA ICT - II @ Bhusawal | 05/06/2011   | 17.42        | 05/06/2011                      | 19.34              | O.S.R.operated.                                                                                |
| <b>Voltage Level : 132KV</b>           |              |              | <b>Outage Type TRIPPED</b>      |                    |                                                                                                |
| Chalishaon - Manmad - I                | 04/06/2011   | 21.33        | 04/06/2011                      | 22.10              | Distance Protection Operated Z-I B Ph.                                                         |
| Boiser - Viraj                         | 05/06/2011   | 13.13        | 05/06/2011                      | 14.13              | Tripped.                                                                                       |
| Boiser - MIDC                          | 05/06/2011   | 13.13        | 05/06/2011                      | 13.38              | Tripped.                                                                                       |
| Kawalewada-Gondia-I                    | 05/06/2011   | 15.34        | 05/06/2011                      | 16.14              | LV Back up protection operated.                                                                |
| Kawlewada-Gondia-II                    | 05/06/2011   | 15.34        | 05/06/2011                      | 16.15              | LV Back up protection operated.                                                                |
| Gondia - Amgaon Railway                | 05/06/2011   | 15.34        | 05/06/2011                      | 16.17              | Back up protection operated.                                                                   |
| 132/33 KV 50 MVA T/F at Gondia         | 05/06/2011   | 15.34        | 05/06/2011                      | 16.16              | O/c,E/F.                                                                                       |

# State Load Dispatch Center,Airoli (MSETCL)

## Details of On Line Capacity for 05/Jun/2011

| Generating unit    | Derated Capacity (MW) | OLC (MW)    |
|--------------------|-----------------------|-------------|
| <b>Koradi</b>      |                       |             |
| Unit 5             | 200                   | 140         |
| Unit 6             | 210                   | 180         |
| Unit 7             | 210                   | 160         |
|                    | <b>620</b>            | <b>480</b>  |
| <b>Bhusawal</b>    |                       |             |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 185         |
| Unit 4             | 0                     |             |
|                    | <b>420</b>            | <b>345</b>  |
| <b>Parli</b>       |                       |             |
| Unit 3             | 210                   | 120         |
| Unit 4             | 210                   | 90          |
| Unit 5             | 210                   | 0           |
| Unit 6             | 250                   | 200         |
| Unit 7             | 250                   | 200         |
|                    | <b>1130</b>           | <b>610</b>  |
| <b>Chandrapur</b>  |                       |             |
| Unit 1             | 210                   | 50          |
| Unit 2             | 210                   | 160         |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 150         |
| Unit 5             | 500                   | 425         |
| Unit 6             | 500                   | 425         |
| Unit 7             | 500                   | 425         |
|                    | <b>2340</b>           | <b>1635</b> |
| <b>Paras</b>       |                       |             |
| Unit 3             | 250                   | 180         |
| Unit 4             | 250                   | 200         |
|                    | <b>500</b>            | <b>380</b>  |
| <b>Khaparkheda</b> |                       |             |
| Unit 1             | 210                   | 200         |
| Unit 2             | 210                   | 190         |
| Unit 3             | 210                   | 200         |
| Unit 4             | 210                   | 210         |
| Unit 5             | 0                     |             |
|                    | <b>840</b>            | <b>800</b>  |
| <b>Nasik</b>       |                       |             |
| Unit 1             | 120                   | 81          |
| Unit 2             | 120                   | 81          |
| Unit 3             | 210                   | 0           |
| Unit 4             | 210                   | 132         |
| Unit 5             | 210                   | 142         |
|                    | <b>870</b>            | <b>436</b>  |
| <b>Uran</b>        |                       |             |
| All Units          | 852                   | 470         |
|                    | <b>852</b>            | <b>470</b>  |
| <b>Dabhol</b>      |                       |             |
| RGPP               | 1940                  | 1250        |
|                    | <b>1940</b>           | <b>1250</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                    | 18          |

| Generating unit   | Derated Capacity (MW) | OLC (MW)    |
|-------------------|-----------------------|-------------|
| VTRNA             | 60                    | 0           |
| TILLARI           | 60                    | 0           |
| BHTGR/VEER        | 21                    | 0           |
| BHIRA T.R.        | 80                    | 40          |
| RNGR+BHTSA        | 20                    | 0           |
| BHANDARDRA        | 45                    | 30          |
| ELDARY            | 23                    | 0           |
| SMLHY PTN         | 12                    | 22          |
| GHATGHAR          | 250                   | 0           |
|                   | <b>611</b>            | <b>110</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                   | 705         |
| WARDHA            | 405                   | 330         |
| Other CPPs        | 0                     |             |
|                   | <b>1005</b>           | <b>1035</b> |
| <b>Tata</b>       |                       |             |
| Trombay 4         | 150                   | 0           |
| Trombay 5         | 500                   | 490         |
| Trombay 6         | 500                   | 500         |
| Trombay 7A        | 120                   | 120         |
| Trombay 7B        | 60                    | 60          |
| Trombay 8         | 250                   | 250         |
| TATA Hydro        | 444                   | 447         |
|                   | <b>2024</b>           | <b>1867</b> |
| <b>REL</b>        |                       |             |
| 1&2               | 500                   | 500         |
|                   | <b>500</b>            | <b>500</b>  |
| <b>Cent Sect</b>  |                       |             |
| Share             | 3455                  | 3117        |
|                   | <b>3455</b>           | <b>3117</b> |